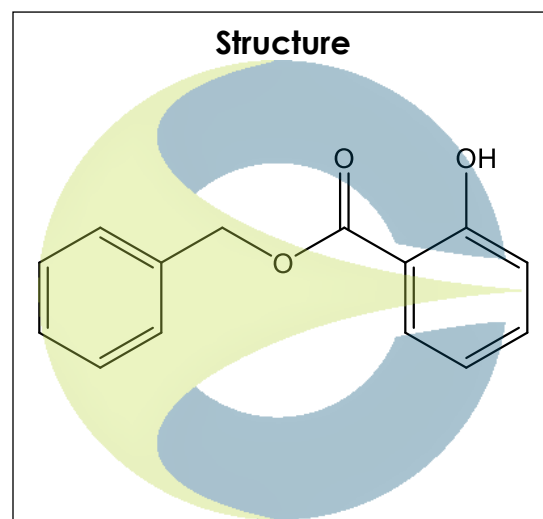


Certificate of Analysis

For Laboratory Use Only

PRODUCT NAME	Salicylic acid benzyl ester
PART NUMBER	00019038
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00019038-J01
REPORT NUMBER	CDXA-RSS-2904-02
SAMPLE NUMBER	CDXA-08-1259
DATE OF SAMPLE	06/12/2008
DATE OF RE-EVALUATION	05/09/2013 (1 st); 07/30/2018 (2 nd); 06/02/2022 (3 rd)
DATE OF REPORT	06/16/2022



CHEMICAL NAMES	2-Hydroxy-benzoic acid phenylmethyl ester; Benzyl-2-hydroxybenzoate; Benzyl salicylate
CHEMICAL FORMULA	C ₁₄ H ₁₂ O ₃
MOLECULAR WEIGHT (MW)	228.24
CHEMICAL FAMILY	Phenolic acids
CAS NUMBER	[118-58-1]
EC#(EINECS)	204-262-9
RTECS	VO1750000

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
GC	0.700.10.2.METH140	≥ 75%	99.7%
Mass Spectrum	0.700.10.2.METH140	Conforms	Conforms
Appearance	NA	NA	Oil

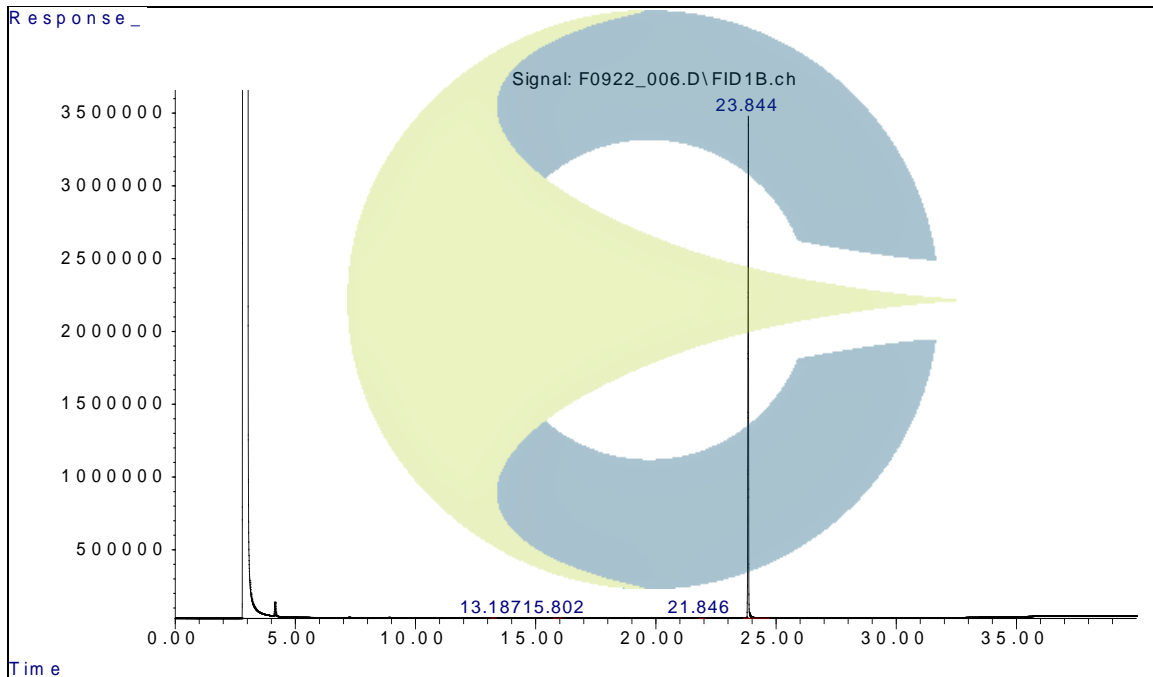
STORAGE CONDITIONS

STORAGE	+4 °C in a dry place.
EXPIRATION DATE	06/2027 under the above conditions.

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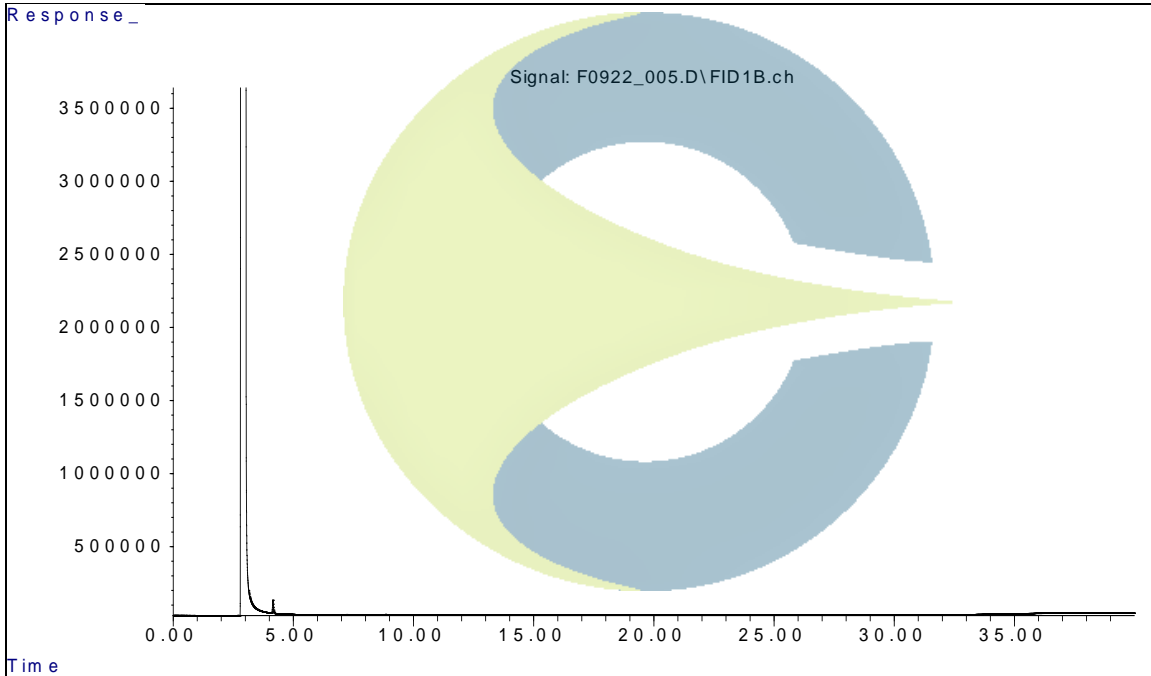
ANALYTICAL CONDITIONS

INSTRUMENT	AGILENT 7890B GC FID AND 5977B MSD
COLUMN	Phenomenex Zebron ZB-5plus, 30 m x 0.32 mm x 0.25 µm
CARRIER GAS	Helium
COLUMN TEMP.	Isothermic 40 °C for 5.0 minutes, then increasing at 10.0 °C/minute to 340 °C. Hold at 340 °C for 5.0 minutes.
FLOW RATE	2.0 mL/minute
INJECTOR TEMP.	300 °C
INJECTOR SPLIT RATIO	20:1
INJECTION VOL.	1.0 µL
INJECTION CONC.	1.6 mg/mL in Methanol
DETECTION	FID (300 °C) & MSD (Transfer line 280 °C, Source 230 °C, Quad 150 °C)

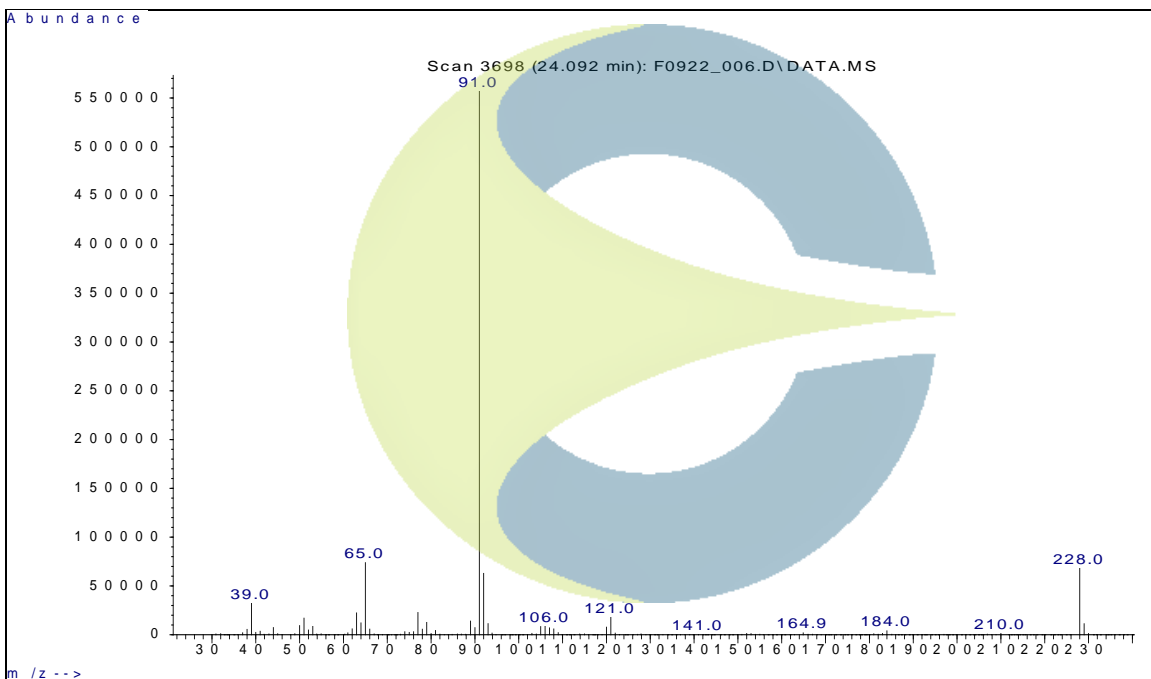
GC CHROMATOGRAM OF SALICYLIC ACID BENZYL ESTER (CDXA-08-1259)


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GC CHROMATOGRAM OF DILUENT BLANK



MASS SPECTRUM OF SALICYLIC ACID BENZYL ESTER (CDXA-08-1259)



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REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	05/31/2013	New report and passed first re-evaluation by GC. Updated expiration date.
01	08/16/2018	Passed re-evaluation by GCMS. Updated chromatograms, spectra, expiration date, Analytical Conditions and Results. Added TIC and TIC of blank. Removed Melting Point.
02	06/16/2022	Passed re-evaluation by GCMS. Updated chromatograms, spectra, expiration date, Analytical Conditions and Results.

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