

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080323AL\
 Data File : FE043676.D
 Signal(s) : FID1B.ch
 Acq On : 02 Aug 2023 13:32
 Operator : YP\AJ
 Sample : 03842-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 02 15:57:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.943	8808994	42.747 ug/ml
Spiked Amount 50.000		Recovery =	85.49%
12) S 1-chlorooctadecane (S...	13.381	7117860	45.613 ug/ml
Spiked Amount 50.000		Recovery =	91.23%
Target Compounds			
1) T n-Nonane (C9)	3.272f	103256	0.639 ug/ml
6) T n-Tetradecane (C14)	8.515f	29776	0.177 ug/ml
7) T n-Hexadecane (C16)	10.182	363114	2.058 ug/ml
10) T n-Eicosane (C20)	12.986f	3152046	17.811 ug/ml
11) T n-Heneicosane (C21)	13.550	223548	1.263 ug/ml
13) T n-Docosane (C22)	14.147	243012	1.385 ug/ml
14) T n-Tetracosane (C24)	15.199	766747	4.364 ug/ml
16) T n-Octacosane (C28)	17.196	172184	1.029 ug/ml

(f)=RT Delta > 1/2 Window

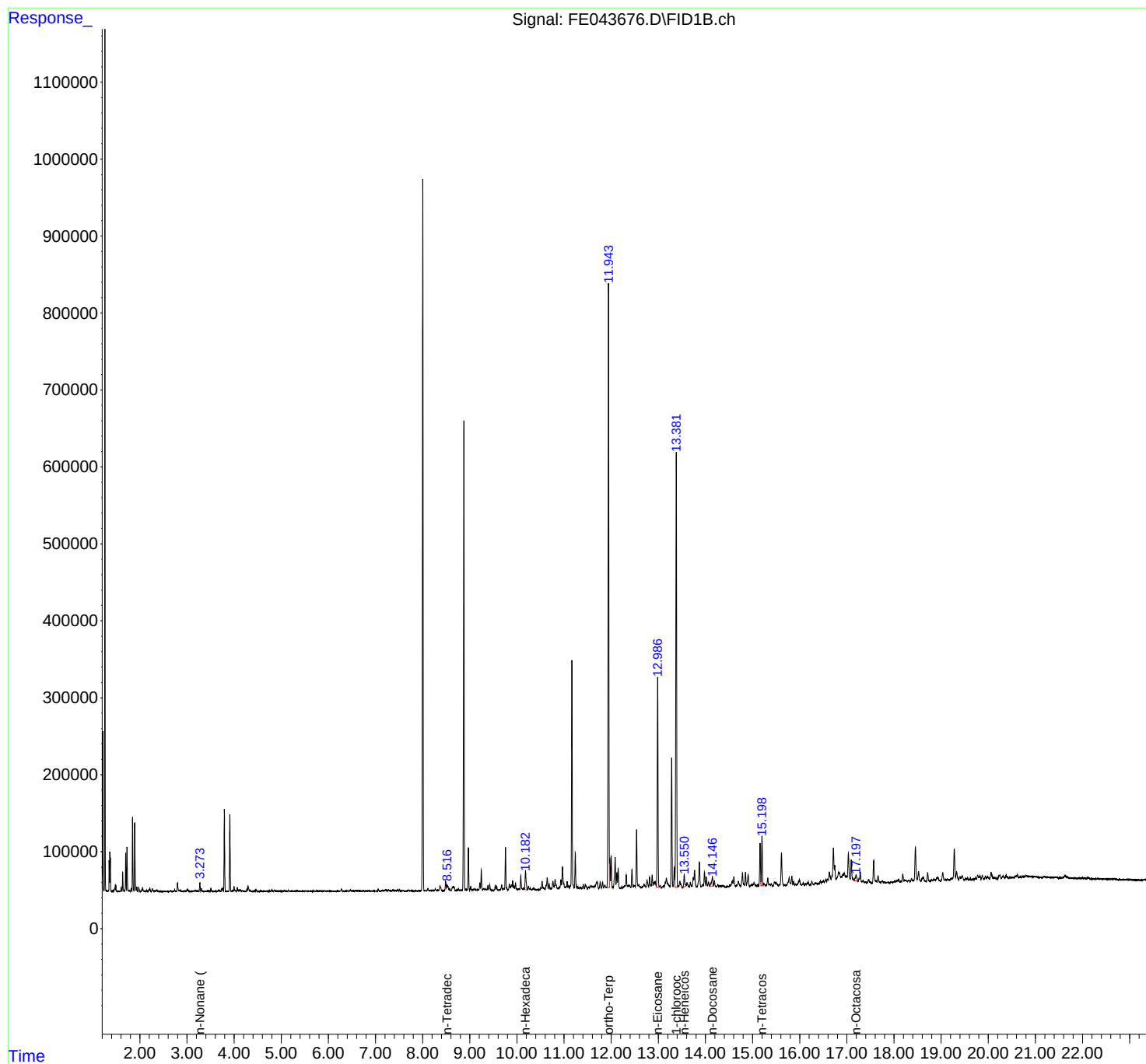
(m)=manual int.

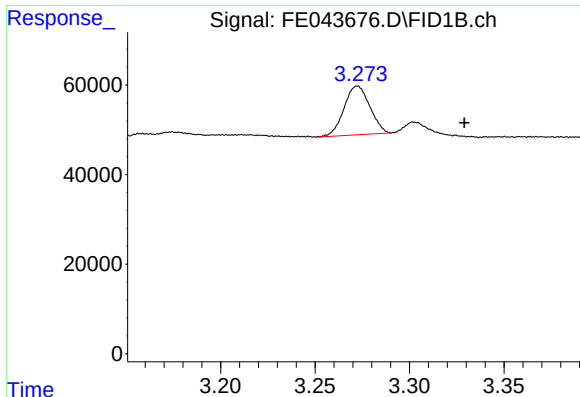
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Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

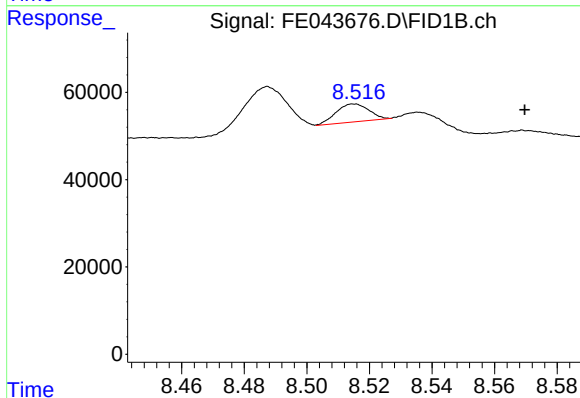




#1 n-Nonane (C9)

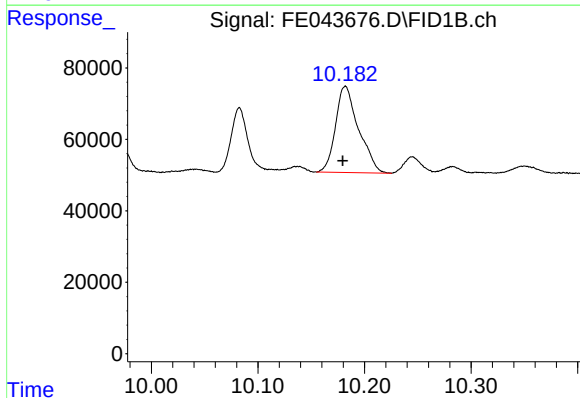
R.T.: 3.272 min
Delta R.T.: -0.057 min
Response: 103256
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :



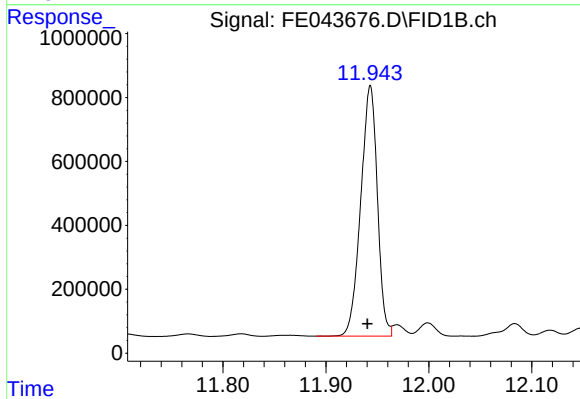
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.054 min
Response: 29776
Conc: 0.18 ug/ml



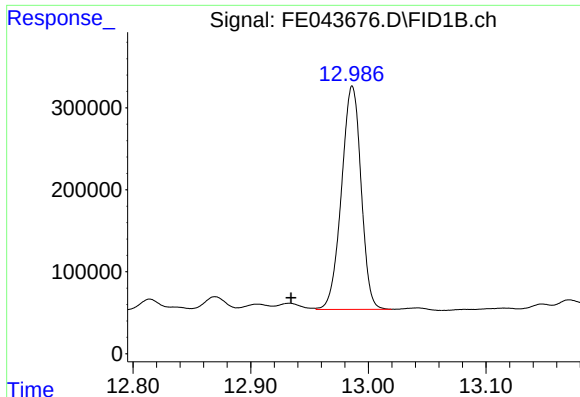
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.002 min
Response: 363114
Conc: 2.06 ug/ml



#9 ortho-Terphenyl (SURR)

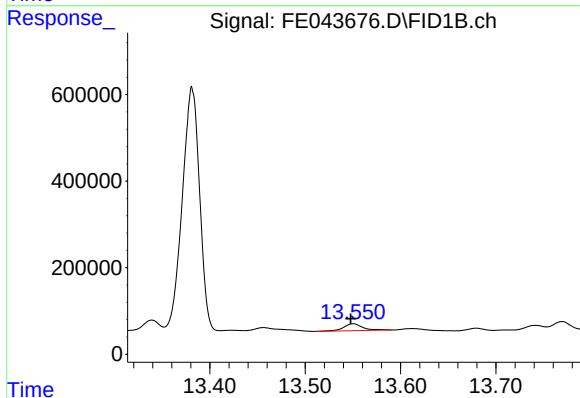
R.T.: 11.943 min
Delta R.T.: 0.003 min
Response: 8808994
Conc: 42.75 ug/ml



#10 n-Eicosane (C20)

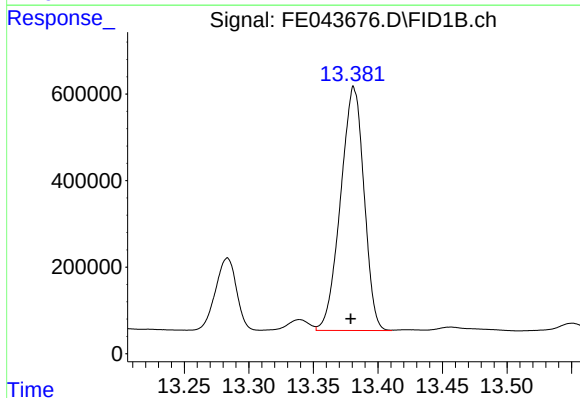
R.T.: 12.986 min
Delta R.T.: 0.052 min
Response: 3152046
Conc: 17.81 ug/ml

Instrument :
FID_E
ClientSampleId :



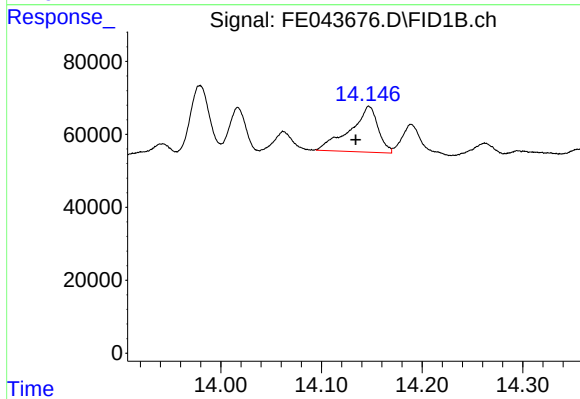
#11 n-Heneicosane (C21)

R.T.: 13.550 min
Delta R.T.: 0.003 min
Response: 223548
Conc: 1.26 ug/ml



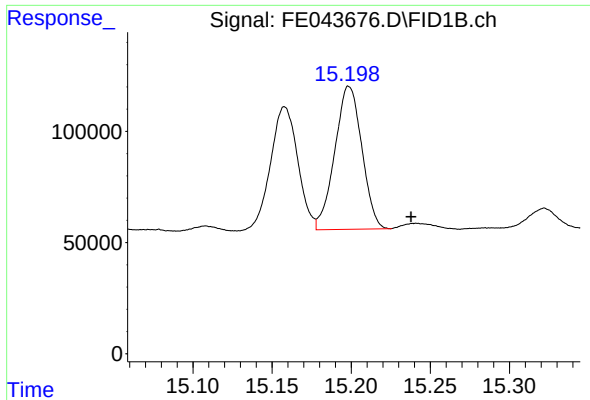
#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: 0.002 min
Response: 7117860
Conc: 45.61 ug/ml



#13 n-Docosane (C22)

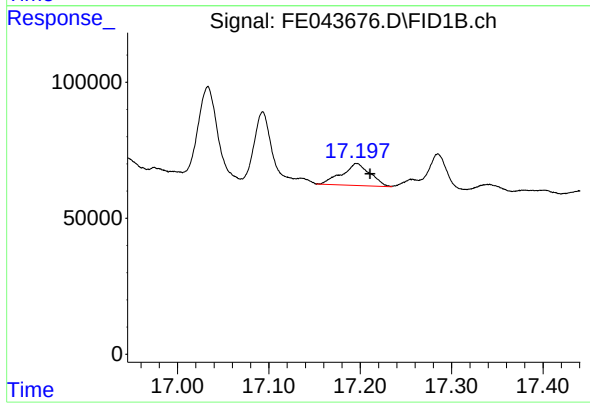
R.T.: 14.147 min
Delta R.T.: 0.013 min
Response: 243012
Conc: 1.39 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.039 min
Response: 766747
Conc: 4.36 ug/ml

Instrument :
FID_E
ClientSampleId :



#16 n-Octacosane (C28)

R.T.: 17.196 min
Delta R.T.: -0.015 min
Response: 172184
Conc: 1.03 ug/ml