

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
 Data File : FE053991.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2025 09:24
 Operator : YP\AJ
 Sample : Q2014-02DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TR-06-052125-E2DL

Integration File: autoint1.e
 Quant Time: May 23 22:56:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 2025
 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)	11.842	2639081	16.239 ug/ml
Spiked Amount 50.000		Recovery =	32.48%
12) S 1-chlorooctadecane (S...	13.288	1923790	16.228 ug/ml
Spiked Amount 50.000		Recovery =	32.46%
Target Compounds			
4) T n-Dodecane (C12)	6.636	247586	1.815 ug/ml
5) T A~2-methylnaphthalene...	7.273	215547	1.554 ug/ml
6) T n-Tetradecane (C14)	8.470	594197	4.403 ug/ml
7) T n-Hexadecane (C16)	10.082	940820	6.972 ug/ml
8) T n-Octadecane (C18)	11.528	817115	6.068 ug/ml
10) T n-Eicosane (C20)	12.841	588223	4.476 ug/ml
11) T n-Heneicosane (C21)	13.455	370717	2.860 ug/ml
13) T n-Docosane (C22)	14.042	285683	2.239 ug/ml
14) T n-Tetracosane (C24)	15.144	247552	1.979 ug/ml
17) T n-Tricontane (C30)	18.011	159503	1.280 ug/ml
18) T n-Dotriacontane (C32)	18.846	171876	1.374 ug/ml
19) T n-Tetratriacontane (C34)	19.636	171407	1.439 ug/ml

(f)=RT Delta > 1/2 Window

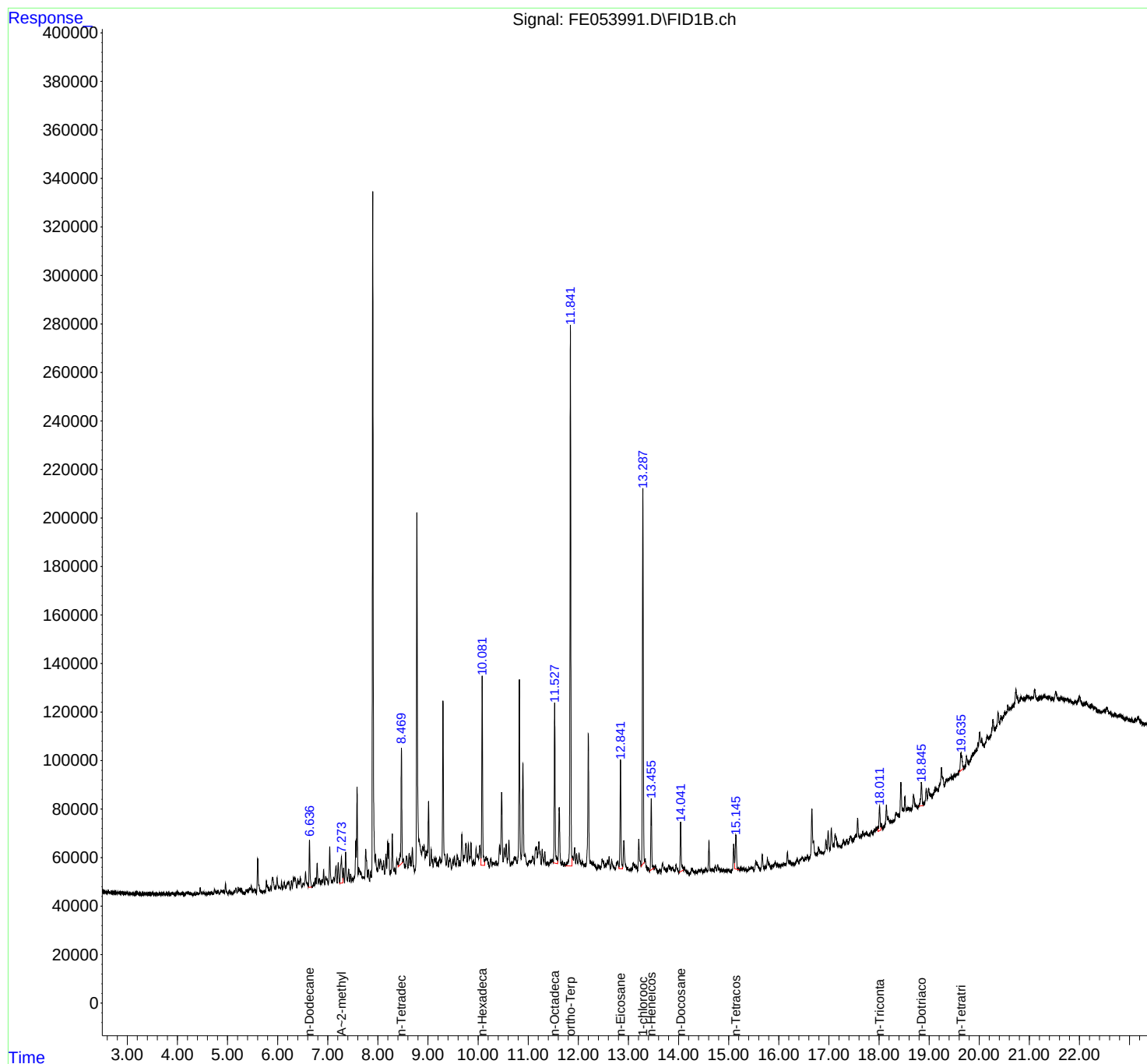
(m)=manual int.

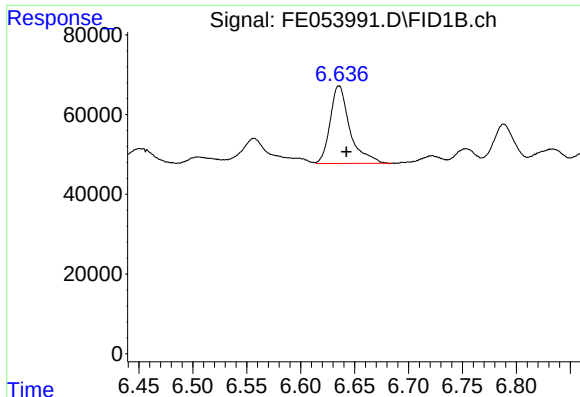
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Signal Info : 20M x 0.18mm x 0.18um

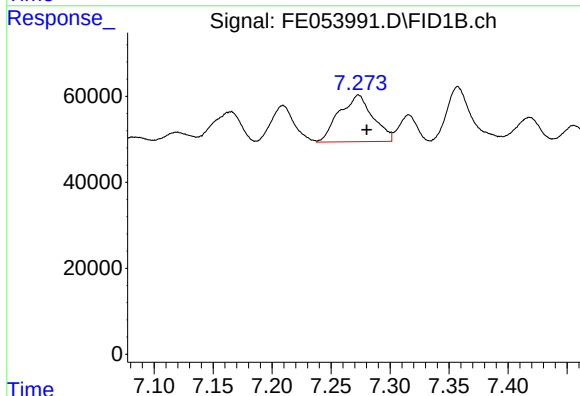




#4 n-Dodecane (C12)

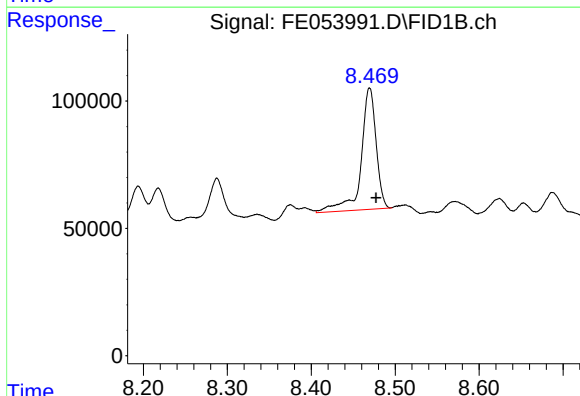
R.T.: 6.636 min
Delta R.T.: -0.007 min
Response: 247586
Conc: 1.82 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-06-052125-E2DL



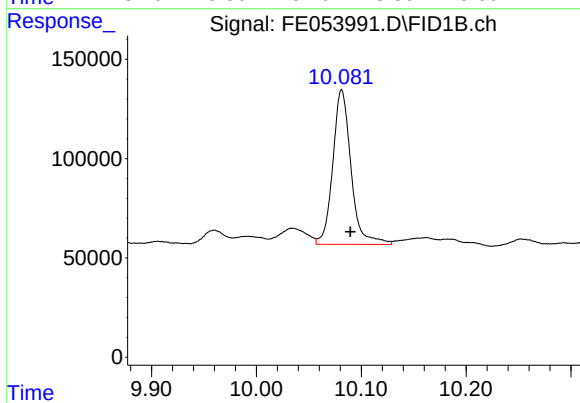
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.273 min
Delta R.T.: -0.007 min
Response: 215547
Conc: 1.55 ug/ml



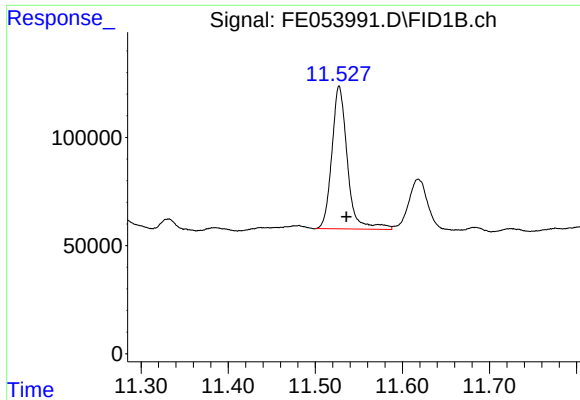
#6 n-Tetradecane (C14)

R.T.: 8.470 min
Delta R.T.: -0.008 min
Response: 594197
Conc: 4.40 ug/ml



#7 n-Hexadecane (C16)

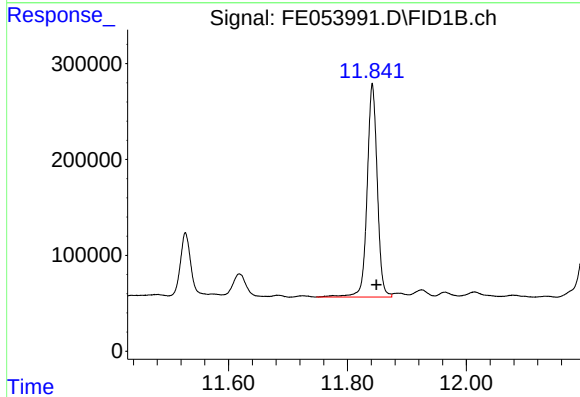
R.T.: 10.082 min
Delta R.T.: -0.008 min
Response: 940820
Conc: 6.97 ug/ml



#8 n-Octadecane (C18)

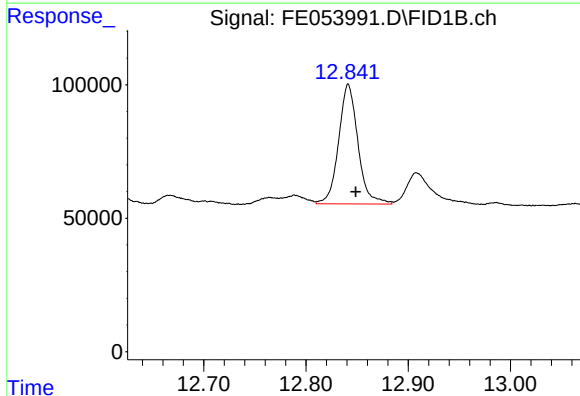
R.T.: 11.528 min
Delta R.T.: -0.008 min
Response: 817115
Conc: 6.07 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-06-052125-E2DL



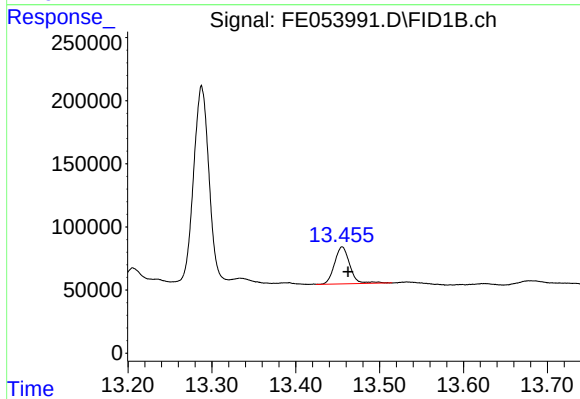
#9 ortho-Terphenyl (SURR)

R.T.: 11.842 min
Delta R.T.: -0.007 min
Response: 2639081
Conc: 16.24 ug/ml



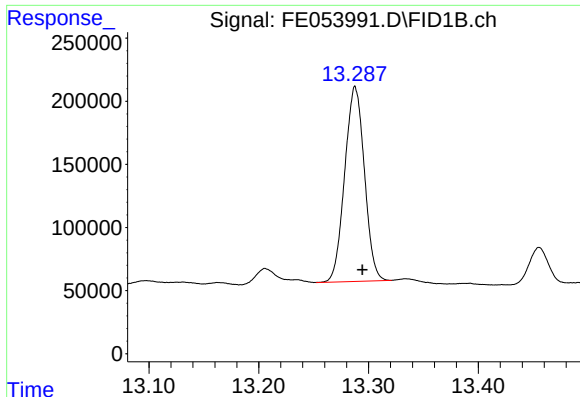
#10 n-Eicosane (C20)

R.T.: 12.841 min
Delta R.T.: -0.007 min
Response: 588223
Conc: 4.48 ug/ml



#11 n-Heneicosane (C21)

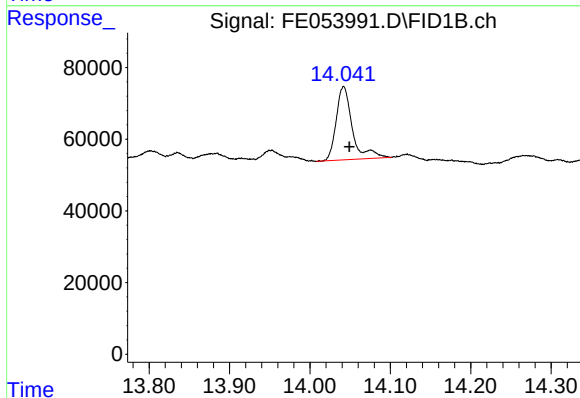
R.T.: 13.455 min
Delta R.T.: -0.007 min
Response: 370717
Conc: 2.86 ug/ml



#12 1-chlorooctadecane (SURR)

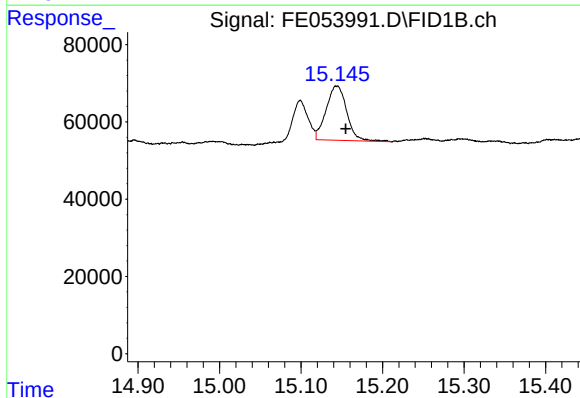
R.T.: 13.288 min
Delta R.T.: -0.007 min
Response: 1923790
Conc: 16.23 ug/ml

Instrument :
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TR-06-052125-E2DL



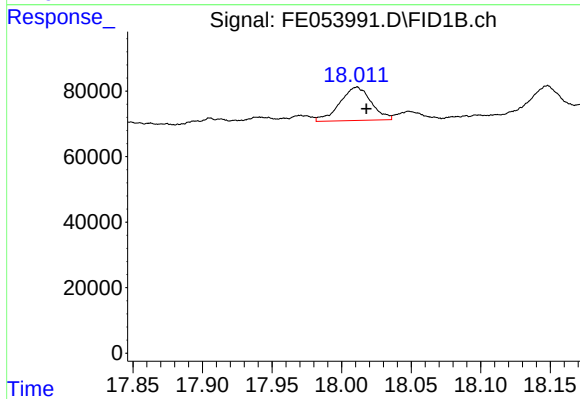
#13 n-Docosane (C22)

R.T.: 14.042 min
Delta R.T.: -0.008 min
Response: 285683
Conc: 2.24 ug/ml



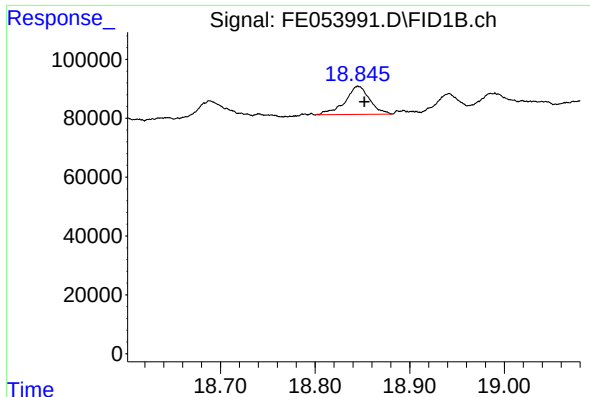
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.011 min
Response: 247552
Conc: 1.98 ug/ml



#17 n-Tricontane (C30)

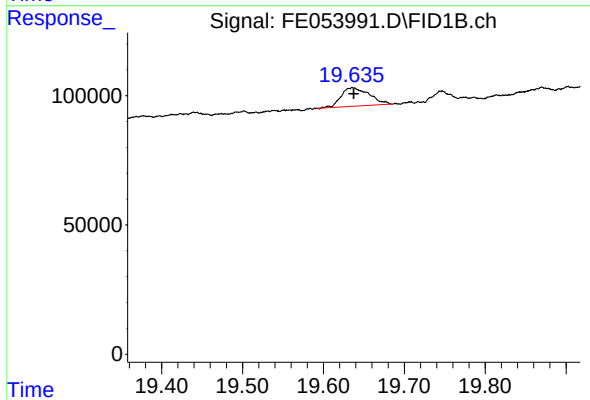
R.T.: 18.011 min
Delta R.T.: -0.007 min
Response: 159503
Conc: 1.28 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.846 min
Delta R.T.: -0.006 min
Response: 171876
Conc: 1.37 ug/ml

Instrument :
FID_E
ClientSampleId :
TR-06-052125-E2DL



#19 n-Tetratriacontane (C34)

R.T.: 19.636 min
Delta R.T.: -0.002 min
Response: 171407
Conc: 1.44 ug/ml