

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112525AL\
 Data File : FE057021.D
 Signal(s) : FID1B.ch
 Acq On : 25 Nov 2025 11:53
 Operator : YP\AJ
 Sample : Q3697-02DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 26 00:42:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 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)	11.940	3319029	15.887 ug/ml
Spiked Amount 50.000		Recovery =	31.77%
12) S 1-chlorooctadecane (S...	13.378	2185524	13.565 ug/ml
Spiked Amount 50.000		Recovery =	27.13%
Target Compounds			
7) T n-Hexadecane (C16)	10.170	75157	0.411 ug/ml
8) T n-Octadecane (C18)	11.617	125876	0.665 ug/ml
10) T n-Eicosane (C20)	12.996f	1539611	8.261 ug/ml
11) T n-Heneicosane (C21)	13.547	129888	0.706 ug/ml
13) T n-Docosane (C22)	14.133	214417	1.145 ug/ml
14) T n-Tetracosane (C24)	15.259	1089178	5.561 ug/ml
15) T n-Hexacosane (C26)	16.260	330949	1.703 ug/ml
16) T n-Octacosane (C28)	17.211	485772	2.508 ug/ml
17) T n-Tricontane (C30)	18.101	253013	1.262 ug/ml
18) T n-Dotriacontane (C32)	18.935	106829	0.543 ug/ml

(f)=RT Delta > 1/2 Window

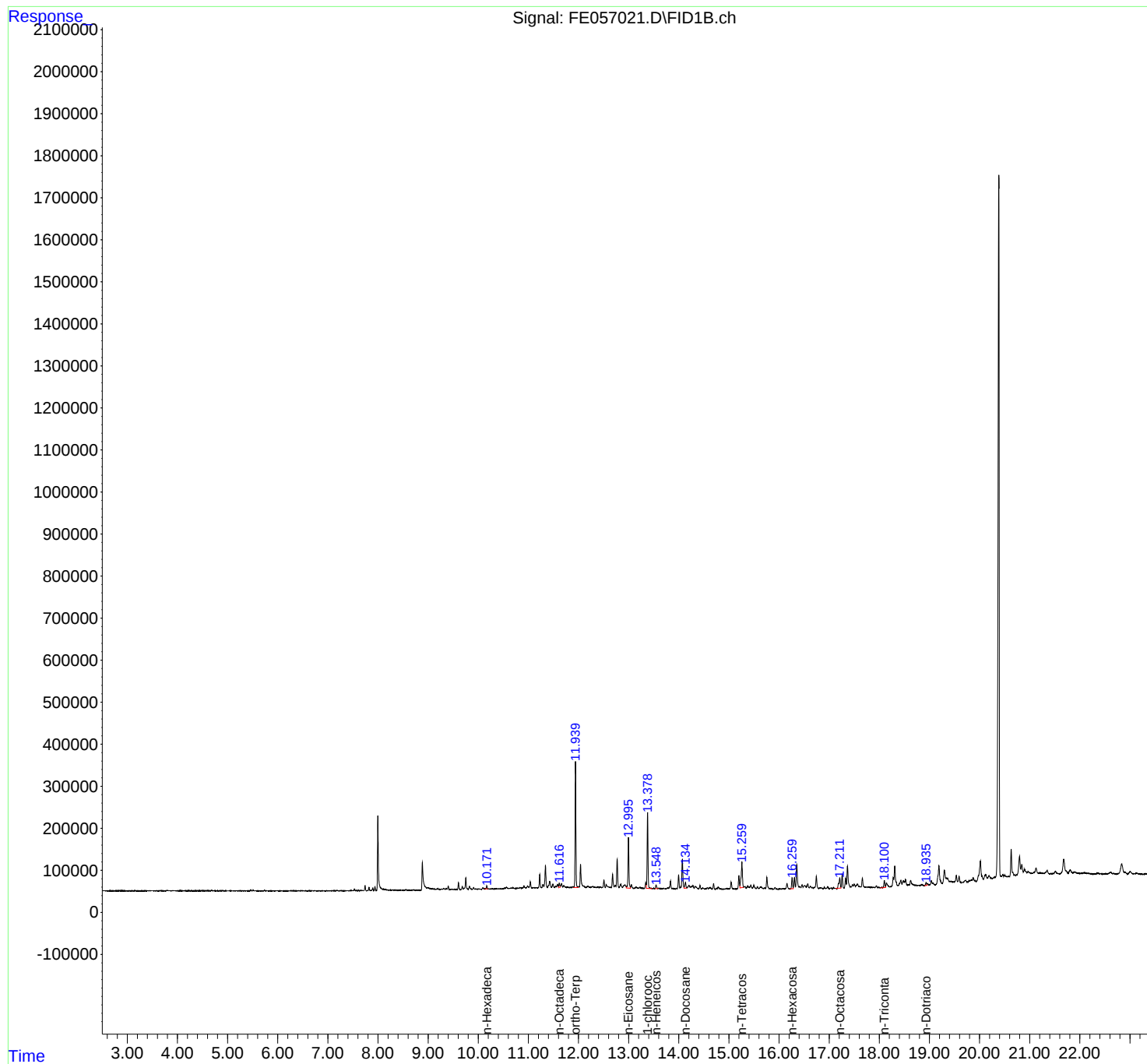
(m)=manual int.

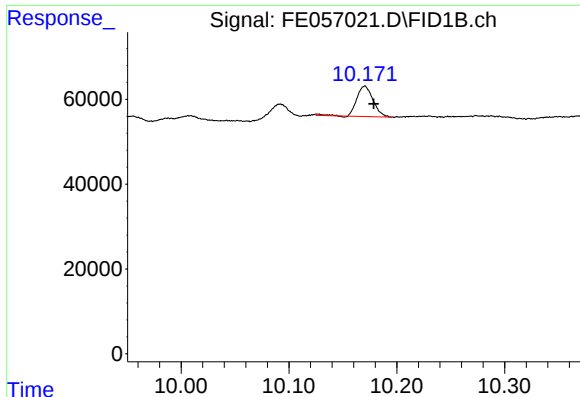
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

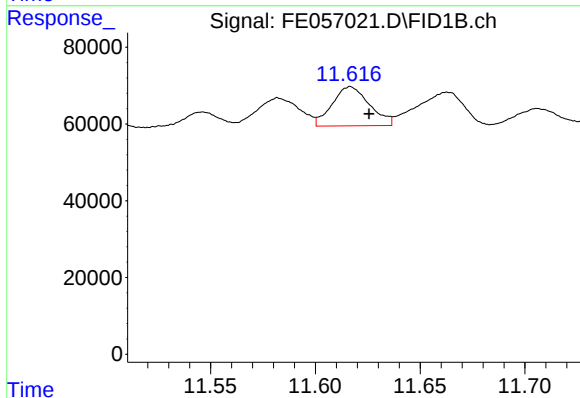




#7 n-Hexadecane (C16)

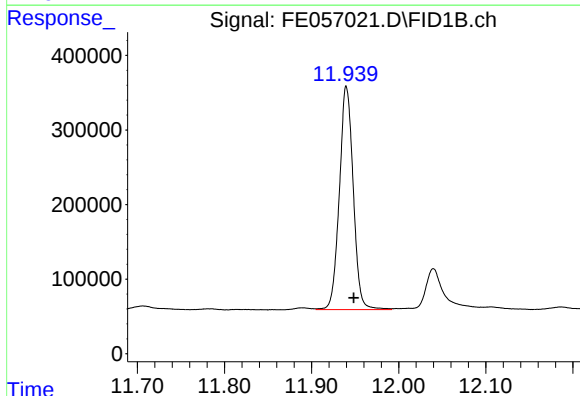
R.T.: 10.170 min
Delta R.T.: -0.008 min
Response: 75157
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :



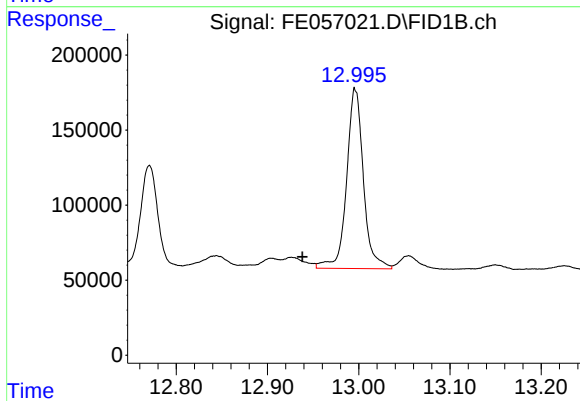
#8 n-Octadecane (C18)

R.T.: 11.617 min
Delta R.T.: -0.009 min
Response: 125876
Conc: 0.67 ug/ml



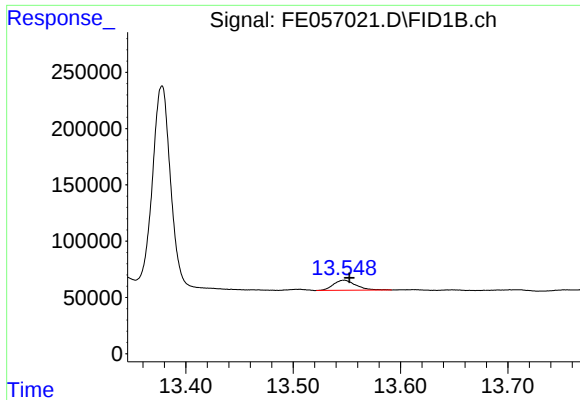
#9 ortho-Terphenyl (SURR)

R.T.: 11.940 min
Delta R.T.: -0.008 min
Response: 3319029
Conc: 15.89 ug/ml



#10 n-Eicosane (C20)

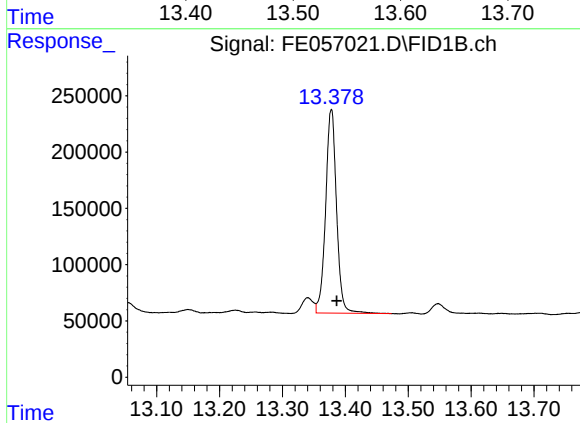
R.T.: 12.996 min
Delta R.T.: 0.058 min
Response: 1539611
Conc: 8.26 ug/ml



#11 n-Heneicosane (C21)

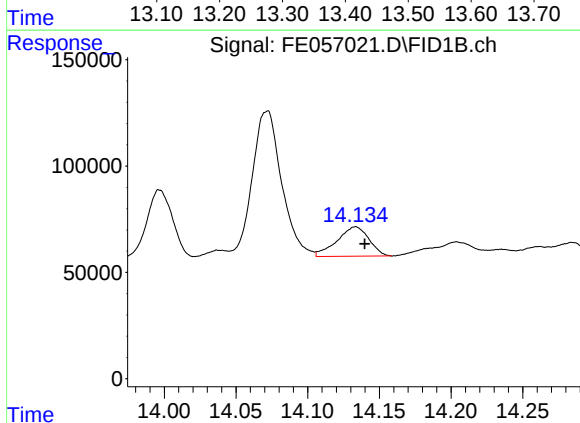
R.T.: 13.547 min
Delta R.T.: -0.005 min
Response: 129888
Conc: 0.71 ug/ml

Instrument :
FID_E
ClientSampleId :



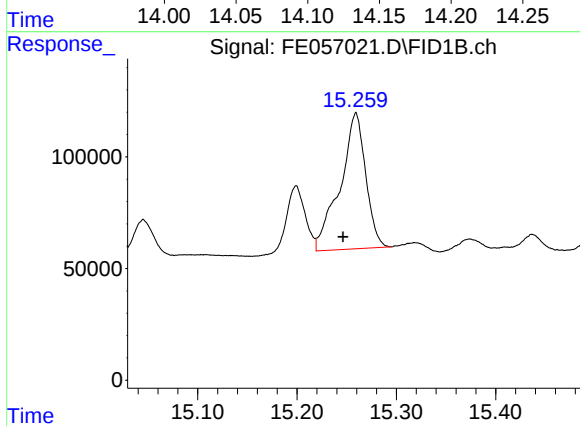
#12 1-chlorooctadecane (SURR)

R.T.: 13.378 min
Delta R.T.: -0.009 min
Response: 2185524
Conc: 13.56 ug/ml



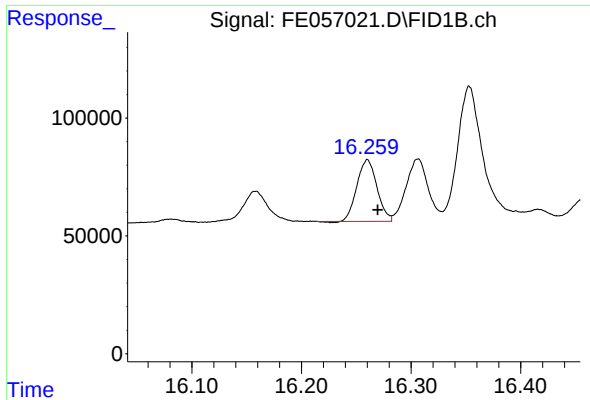
#13 n-Docosane (C22)

R.T.: 14.133 min
Delta R.T.: -0.006 min
Response: 214417
Conc: 1.15 ug/ml



#14 n-Tetracosane (C24)

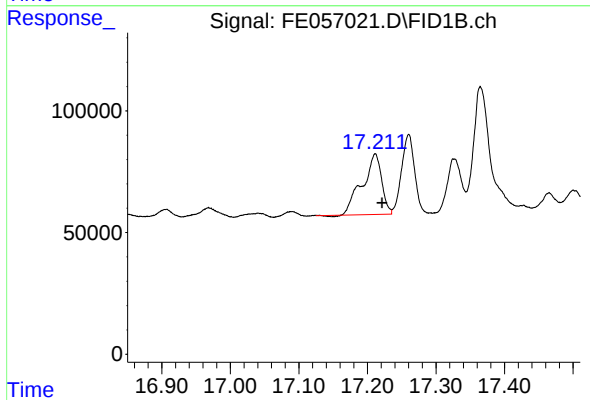
R.T.: 15.259 min
Delta R.T.: 0.013 min
Response: 1089178
Conc: 5.56 ug/ml



#15 n-Hexacosane (C26)

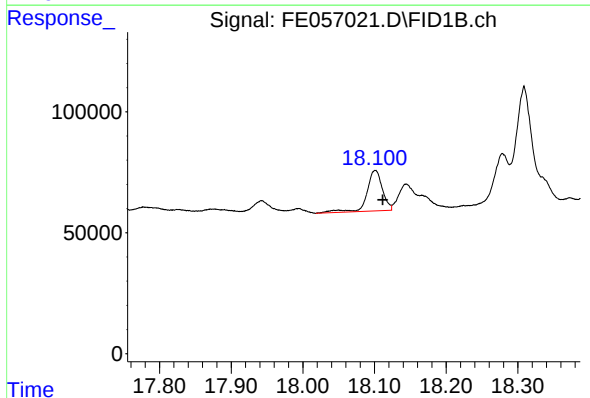
R.T.: 16.260 min
Delta R.T.: -0.009 min
Response: 330949
Conc: 1.70 ug/ml

Instrument :
FID_E
ClientSampleId :



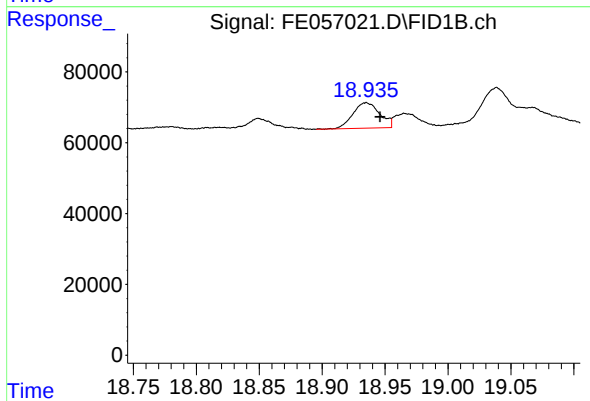
#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: -0.010 min
Response: 485772
Conc: 2.51 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: -0.010 min
Response: 253013
Conc: 1.26 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.011 min
Response: 106829
Conc: 0.54 ug/ml