

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031225AL\
 Data File : FE052766.D
 Signal(s) : FID1B.ch
 Acq On : 12 Mar 2025 15:38
 Operator : YP\AJ
 Sample : Q1542-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 13 03:57:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.913	5957099	35.336 ug/ml
Spiked Amount 50.000		Recovery =	70.67%
12) S 1-chlorooctadecane (S...	13.359	4572120	37.653 ug/ml
Spiked Amount 50.000		Recovery =	75.31%
Target Compounds			
10) T n-Eicosane (C20)	12.968f	1219807	8.402 ug/ml
11) T n-Heneicosane (C21)	13.534	127336	0.895 ug/ml
13) T n-Docosane (C22)	14.136	179770	1.263 ug/ml
14) T n-Tetracosane (C24)	15.195	675647	4.721 ug/ml
15) T n-Hexacosane (C26)	16.204	299663	2.107 ug/ml
16) T n-Octacosane (C28)	17.204	676413	4.757 ug/ml
17) T n-Tricontane (C30)	18.088	647375	4.383 ug/ml
18) T n-Dotriacontane (C32)	18.917	345229	2.378 ug/ml
19) T n-Tetratriacontane (C34)	19.738	289018	2.144 ug/ml

(f)=RT Delta > 1/2 Window

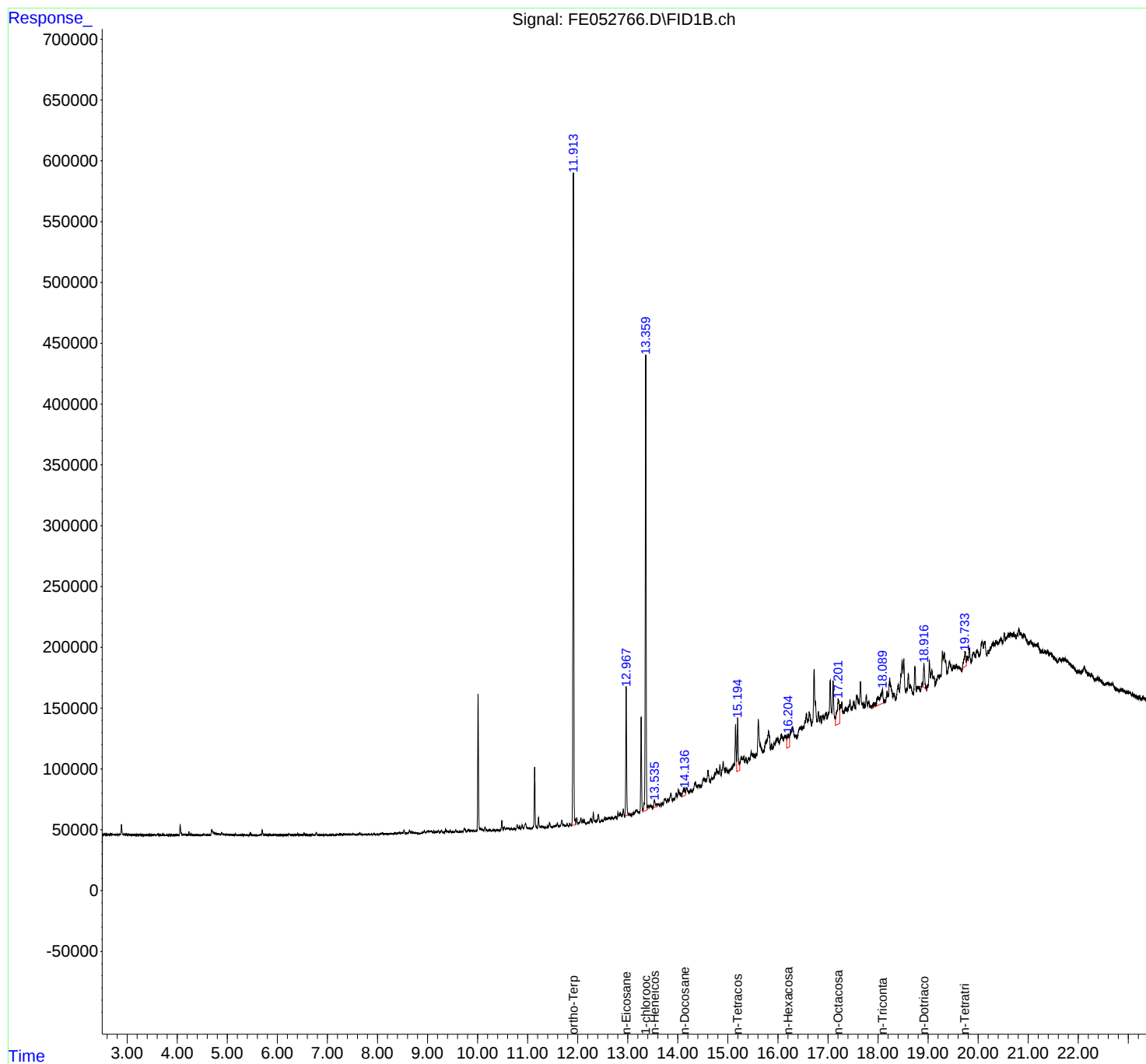
(m)=manual int.

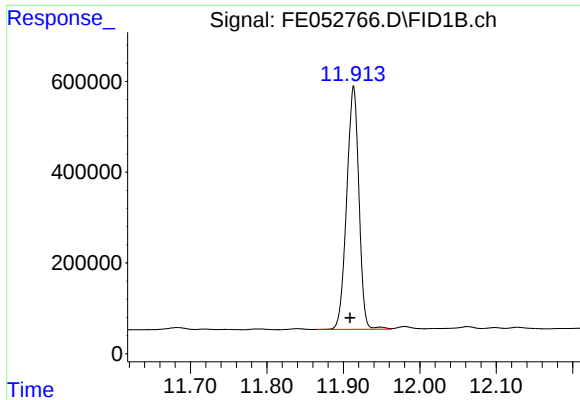
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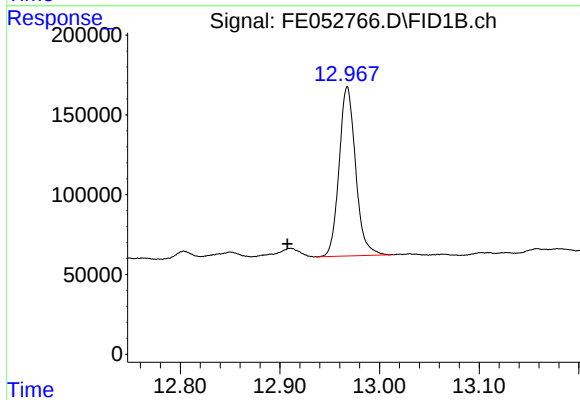




#9 ortho-Terphenyl (SURR)

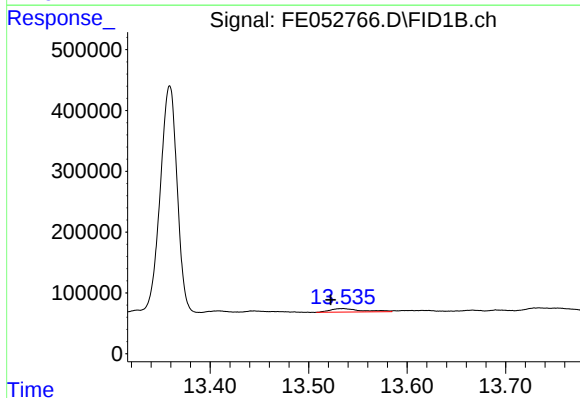
R.T.: 11.913 min
Delta R.T.: 0.005 min
Response: 5957099
Conc: 35.34 ug/ml

Instrument :
FID_E
ClientSampleId :



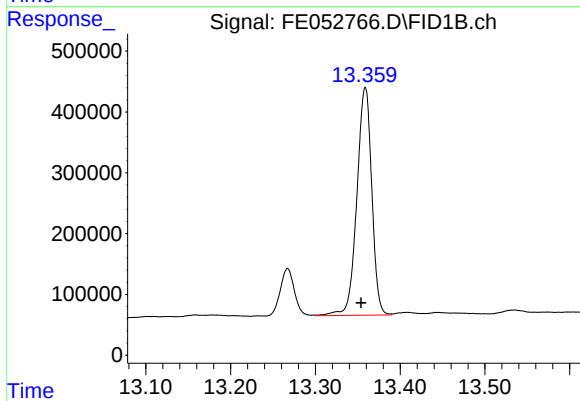
#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: 0.060 min
Response: 1219807
Conc: 8.40 ug/ml



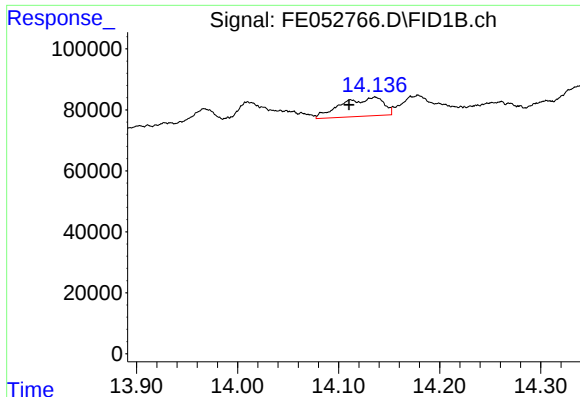
#11 n-Heneicosane (C21)

R.T.: 13.534 min
Delta R.T.: 0.012 min
Response: 127336
Conc: 0.89 ug/ml



#12 1-chlorooctadecane (SURR)

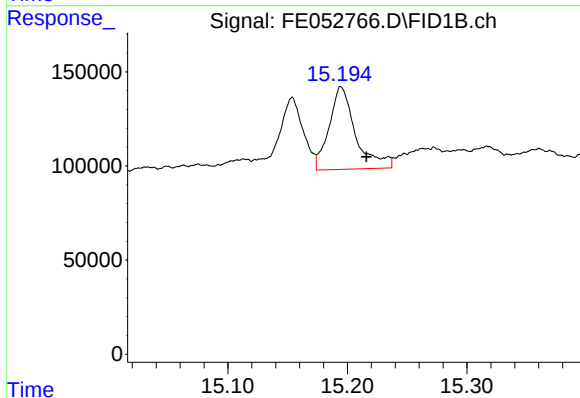
R.T.: 13.359 min
Delta R.T.: 0.005 min
Response: 4572120
Conc: 37.65 ug/ml



#13 n-Docosane (C22)

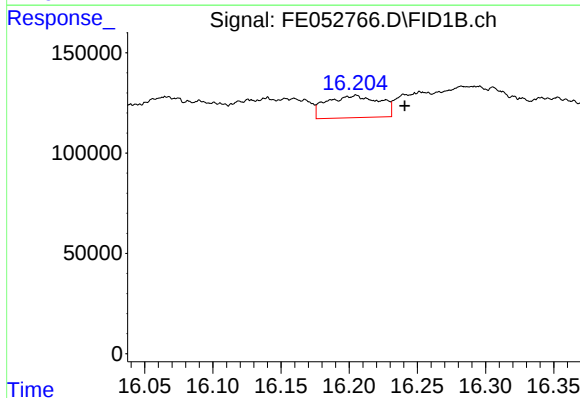
R.T.: 14.136 min
Delta R.T.: 0.025 min
Response: 179770
Conc: 1.26 ug/ml

Instrument :
FID_E
ClientSampleId :



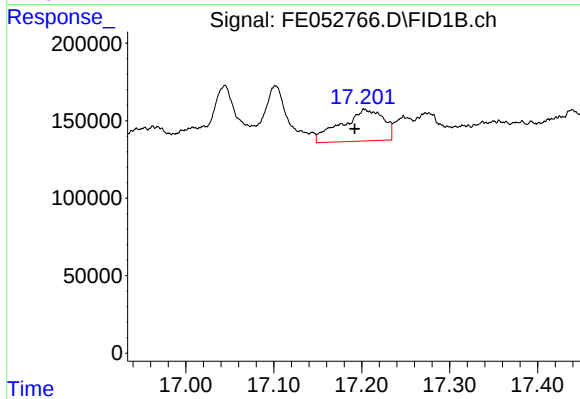
#14 n-Tetracosane (C24)

R.T.: 15.195 min
Delta R.T.: -0.021 min
Response: 675647
Conc: 4.72 ug/ml



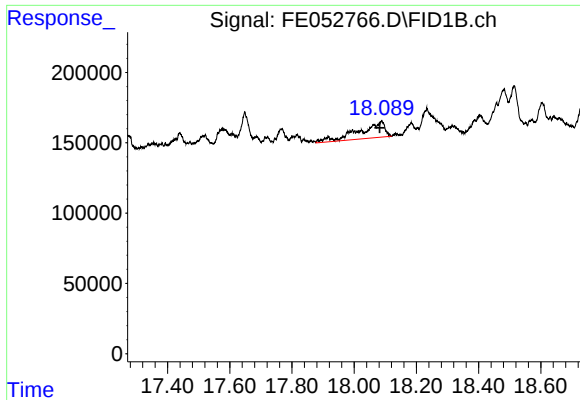
#15 n-Hexacosane (C26)

R.T.: 16.204 min
Delta R.T.: -0.037 min
Response: 299663
Conc: 2.11 ug/ml



#16 n-Octacosane (C28)

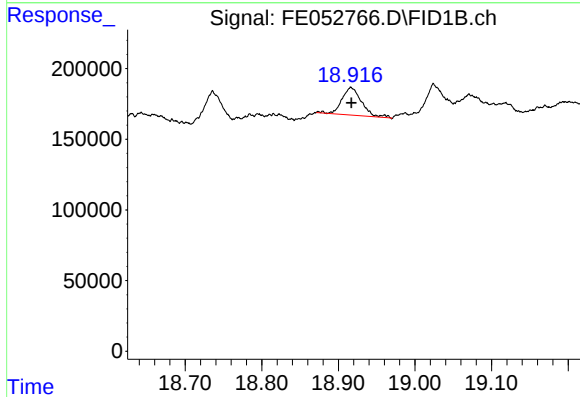
R.T.: 17.204 min
Delta R.T.: 0.012 min
Response: 676413
Conc: 4.76 ug/ml



#17 n-Tricontane (C30)

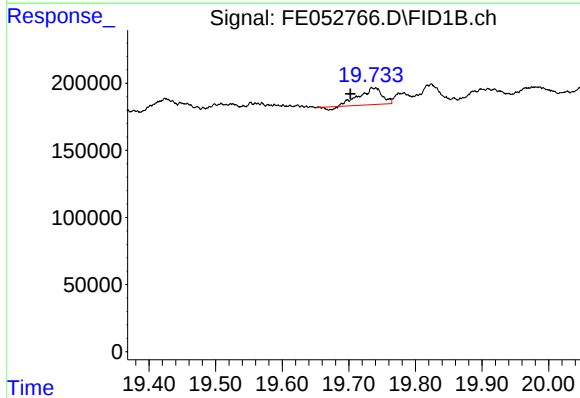
R.T.: 18.088 min
Delta R.T.: 0.006 min
Response: 647375
Conc: 4.38 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.917 min
Delta R.T.: 0.000 min
Response: 345229
Conc: 2.38 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.738 min
Delta R.T.: 0.036 min
Response: 289018
Conc: 2.14 ug/ml