

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032125AL\
 Data File : FE052912.D
 Signal(s) : FID1B.ch
 Acq On : 21 Mar 2025 15:18
 Operator : YP\AJ
 Sample : Q1610-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-PILE

Integration File: autoint1.e
 Quant Time: Mar 22 00:12:33 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)	11.906	5820806	34.527 ug/ml
Spiked Amount 50.000		Recovery =	69.05%
12) S 1-chlorooctadecane (S...	13.351	4389953	36.153 ug/ml
Spiked Amount 50.000		Recovery =	72.31%
Target Compounds			
6) T n-Tetradecane (C14)	8.521	130494	0.862 ug/ml
10) T n-Eicosane (C20)	12.961f	310651	2.140 ug/ml
14) T n-Tetracosane (C24)	15.188	202414	1.414 ug/ml
16) T n-Octacosane (C28)	17.234	79948	0.562 ug/ml
17) T n-Tricontane (C30)	18.100	335577	2.272 ug/ml
18) T n-Dotriacontane (C32)	18.909	185285	1.276 ug/ml

(f)=RT Delta > 1/2 Window

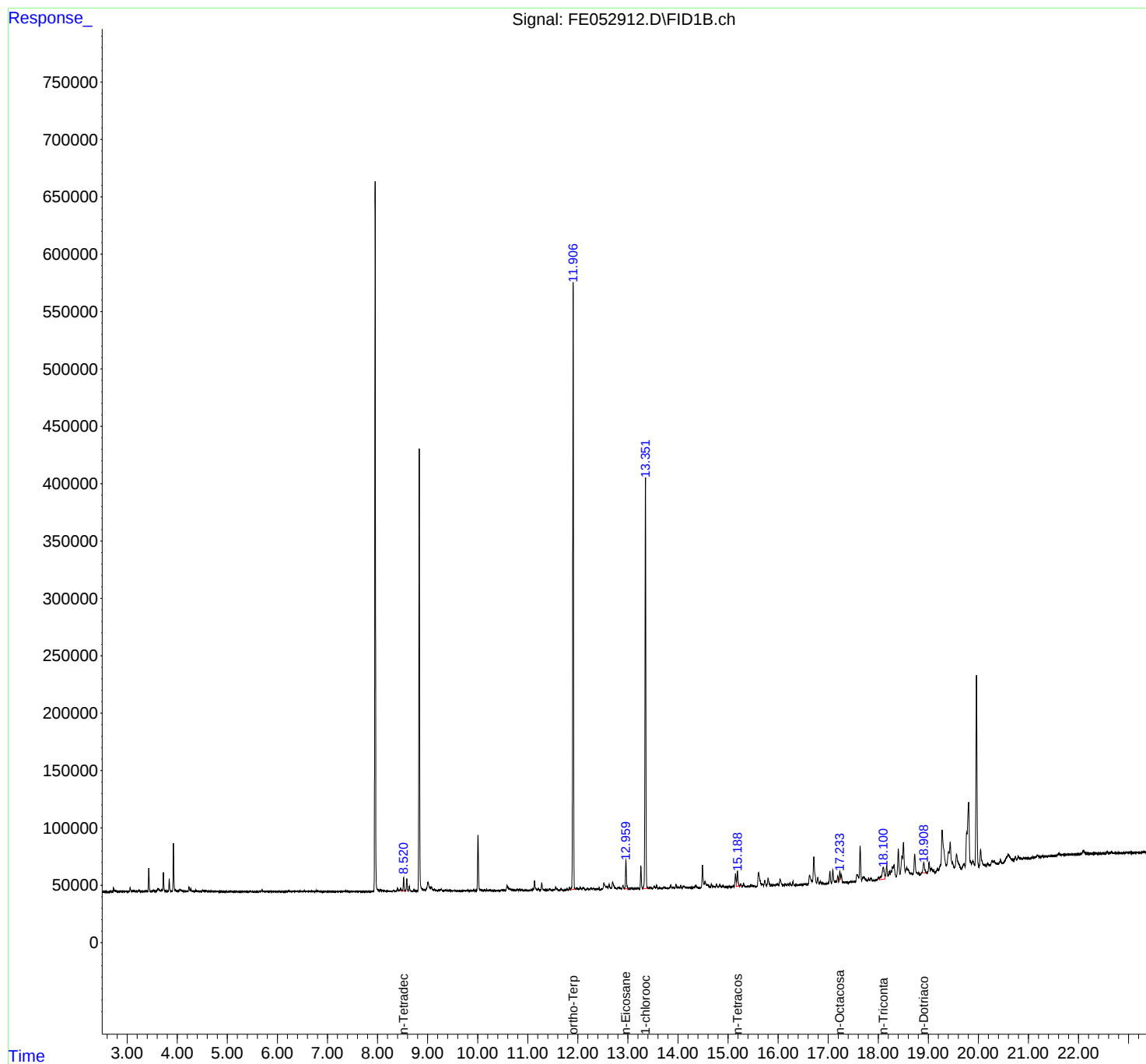
(m)=manual int.

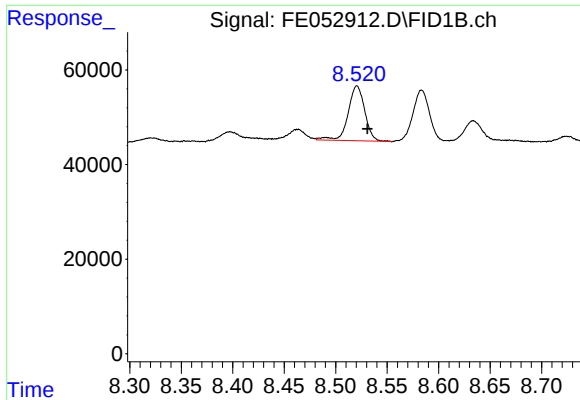
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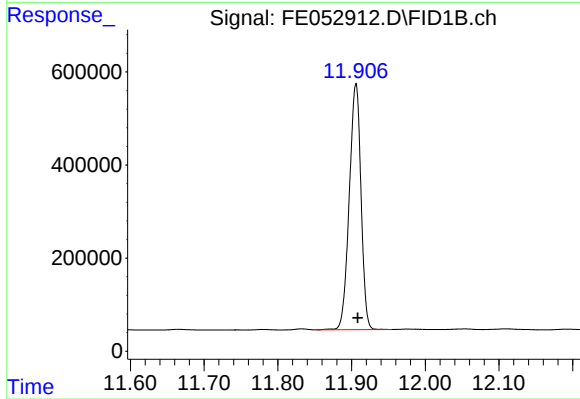




#6 n-Tetradecane (C14)

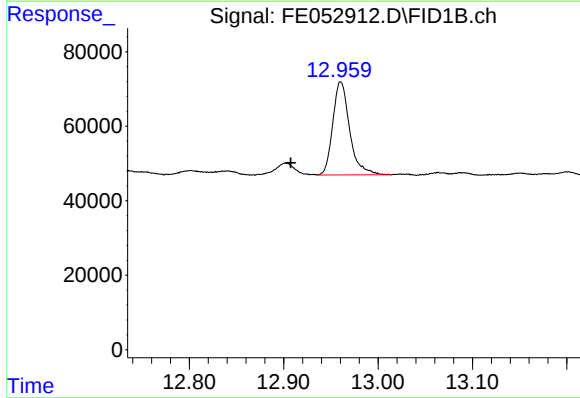
R.T.: 8.521 min
Delta R.T.: -0.010 min
Response: 130494
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-PILE



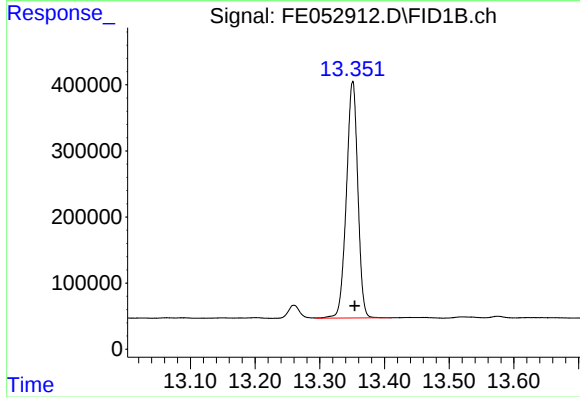
#9 ortho-Terphenyl (SURR)

R.T.: 11.906 min
Delta R.T.: -0.003 min
Response: 5820806
Conc: 34.53 ug/ml



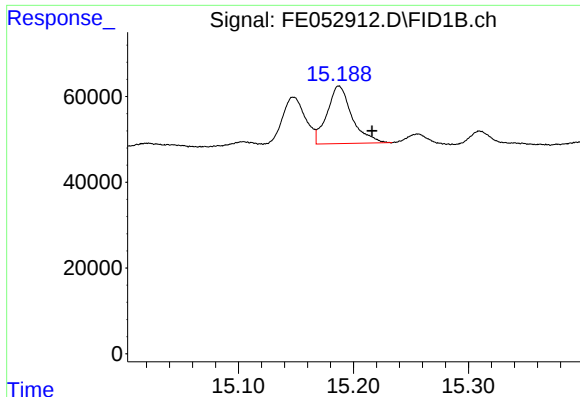
#10 n-Eicosane (C20)

R.T.: 12.961 min
Delta R.T.: 0.053 min
Response: 310651
Conc: 2.14 ug/ml



#12 1-chlorooctadecane (SURR)

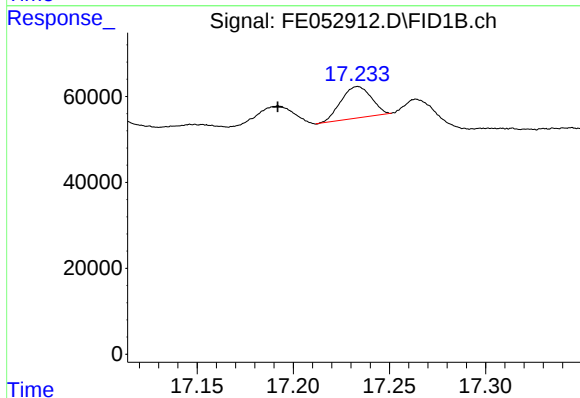
R.T.: 13.351 min
Delta R.T.: -0.003 min
Response: 4389953
Conc: 36.15 ug/ml



#14 n-Tetracosane (C24)

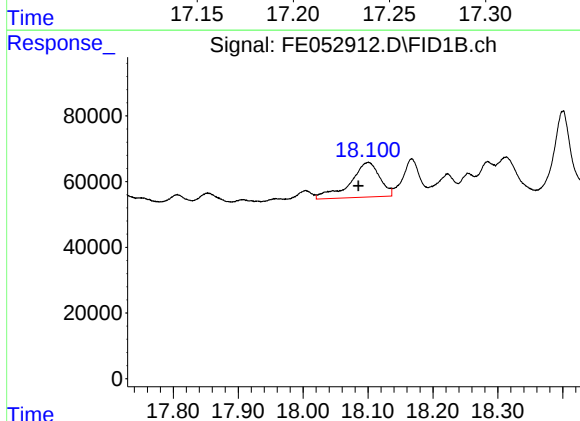
R.T.: 15.188 min
Delta R.T.: -0.028 min
Response: 202414
Conc: 1.41 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-PILE



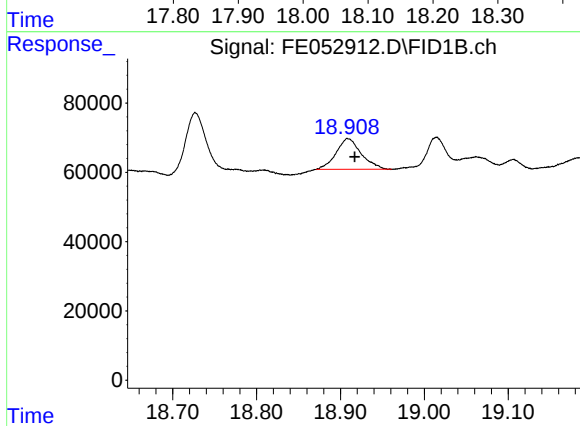
#16 n-Octacosane (C28)

R.T.: 17.234 min
Delta R.T.: 0.042 min
Response: 79948
Conc: 0.56 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.100 min
Delta R.T.: 0.015 min
Response: 335577
Conc: 2.27 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.909 min
Delta R.T.: -0.008 min
Response: 185285
Conc: 1.28 ug/ml