

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041925AL\
 Data File : FE053426.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2025 21:53
 Operator : YP\AJ
 Sample : Q1830-16
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-2E

Integration File: autoint1.e
 Quant Time: Apr 19 03:53:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 16 18:29:18 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)	11.878	5246184	29.087 ug/ml
Spiked Amount 50.000		Recovery =	58.17%
12) S 1-chlorooctadecane (S...	13.323	4243562	31.393 ug/ml
Spiked Amount 50.000		Recovery =	62.79%
Target Compounds			
10) T n-Eicosane (C20)	12.854	138510	0.952 ug/ml
11) T n-Heneicosane (C21)	13.510	171171	1.182 ug/ml
13) T n-Docosane (C22)	14.103	319286	2.213 ug/ml
14) T n-Tetracosane (C24)	15.161	959336	6.679 ug/ml
16) T n-Octacosane (C28)	17.167	262635	1.888 ug/ml
18) T n-Dotriacontane (C32)	18.837f	39650	0.289 ug/ml

(f)=RT Delta > 1/2 Window

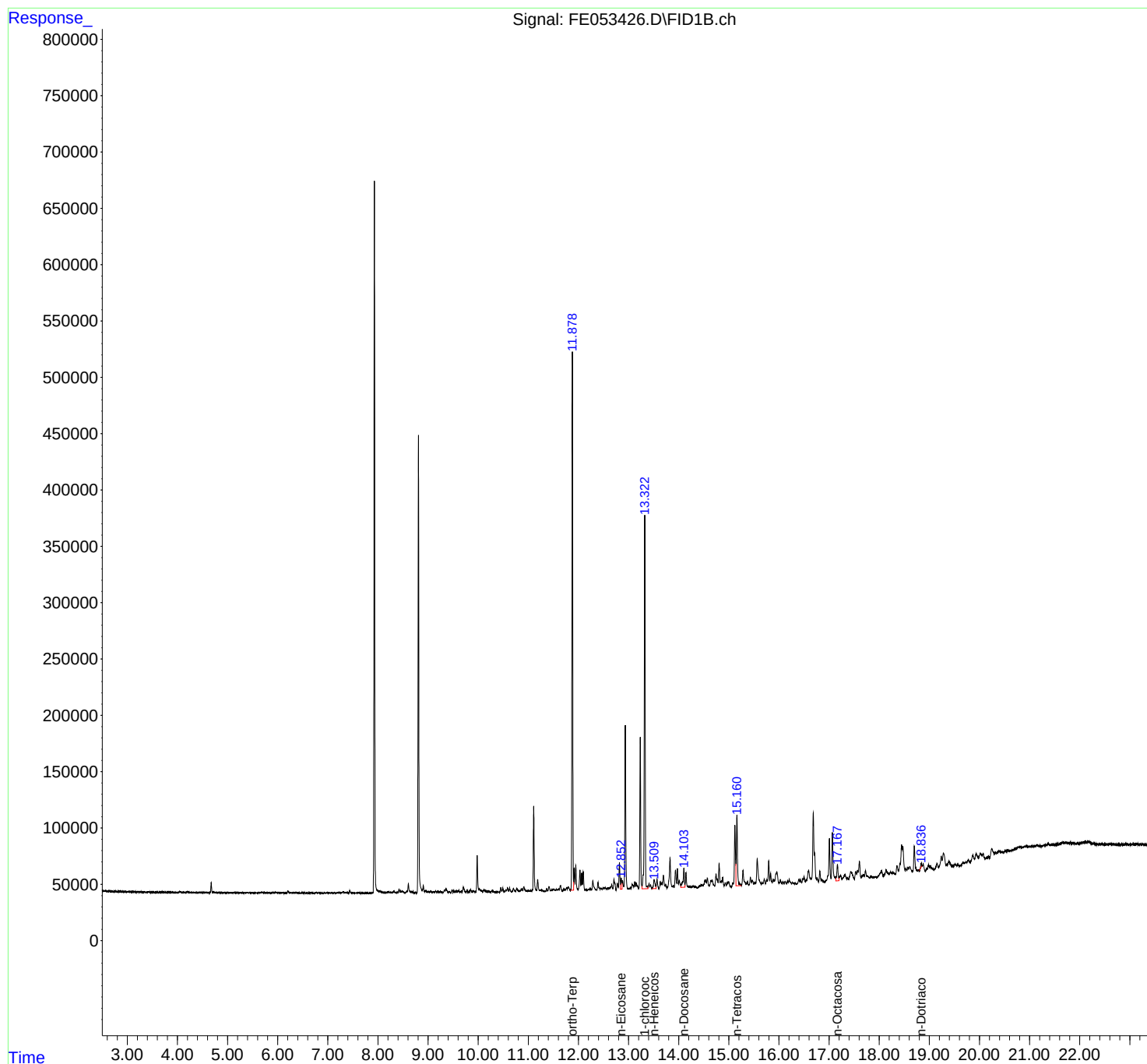
(m)=manual int.

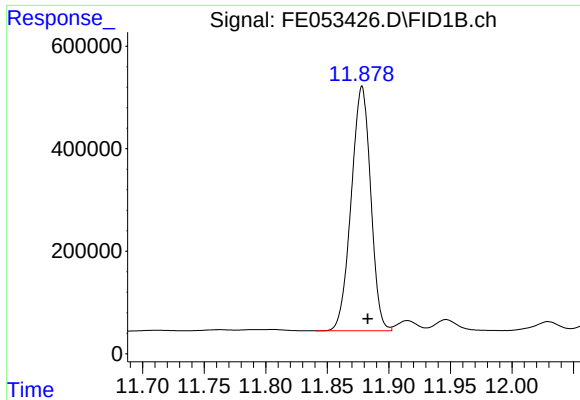
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Signal Info : 20M x 0.18mm x 0.18um

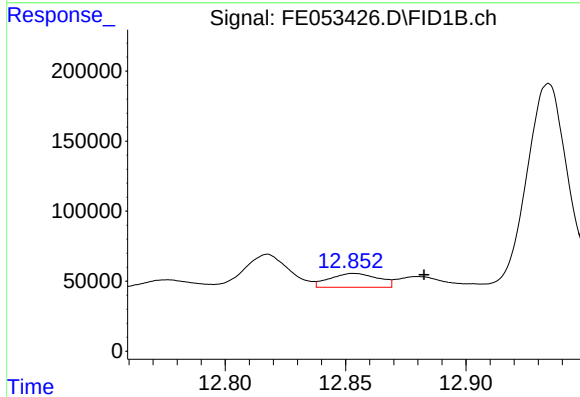




#9 ortho-Terphenyl (SURR)

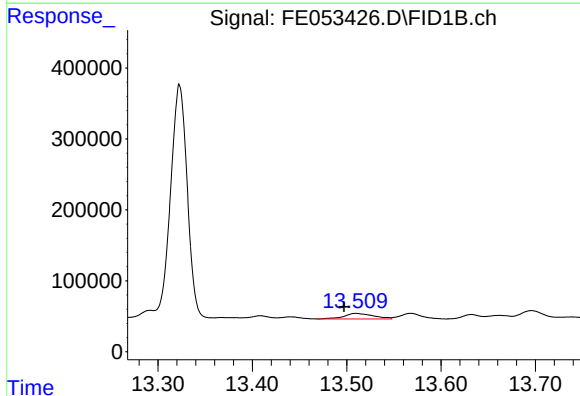
R.T.: 11.878 min
Delta R.T.: -0.005 min
Response: 5246184
Conc: 29.09 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-2E



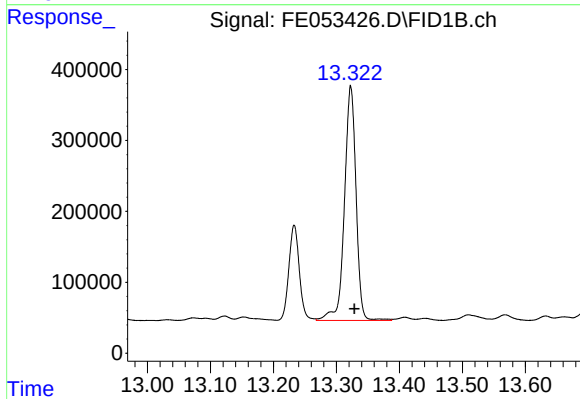
#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: -0.029 min
Response: 138510
Conc: 0.95 ug/ml



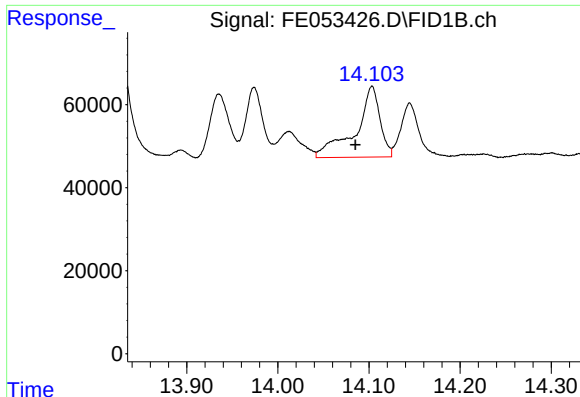
#11 n-Heneicosane (C21)

R.T.: 13.510 min
Delta R.T.: 0.013 min
Response: 171171
Conc: 1.18 ug/ml



#12 1-chlorooctadecane (SURR)

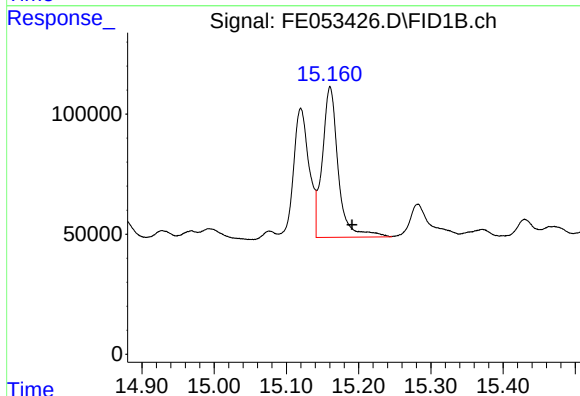
R.T.: 13.323 min
Delta R.T.: -0.006 min
Response: 4243562
Conc: 31.39 ug/ml



#13 n-Docosane (C22)

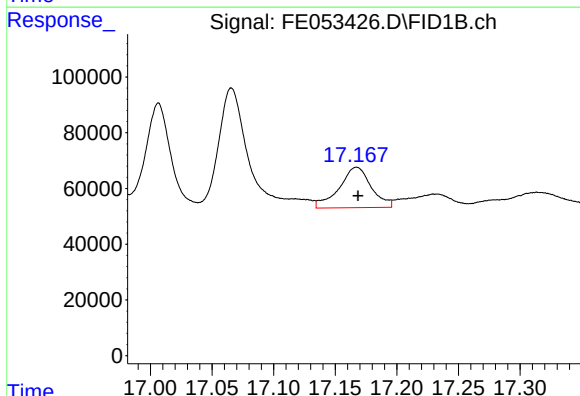
R.T.: 14.103 min
Delta R.T.: 0.018 min
Response: 319286
Conc: 2.21 ug/ml

Instrument :
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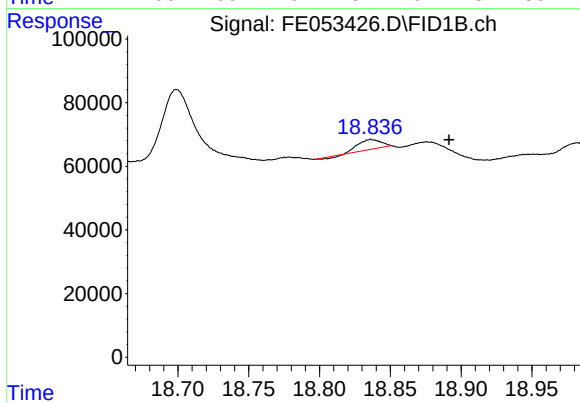
#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.030 min
Response: 959336
Conc: 6.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: -0.001 min
Response: 262635
Conc: 1.89 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: -0.055 min
Response: 39650
Conc: 0.29 ug/ml