

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041925AL\
 Data File : FE053419.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2025 17:21
 Operator : YP\AJ
 Sample : Q1830-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-2

Integration File: autoint1.e
 Quant Time: Apr 19 03:51:16 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)	11.880	5847909	32.423 ug/ml
Spiked Amount 50.000		Recovery =	64.85%
12) S 1-chlorooctadecane (S...	13.324	4562331	33.751 ug/ml
Spiked Amount 50.000		Recovery =	67.50%
Target Compounds			
10) T n-Eicosane (C20)	12.855	126076	0.866 ug/ml
13) T n-Docosane (C22)	14.105	259420	1.798 ug/ml
14) T n-Tetracosane (C24)	15.161	658540	4.585 ug/ml
16) T n-Octacosane (C28)	17.169	115890	0.833 ug/ml

(f)=RT Delta > 1/2 Window

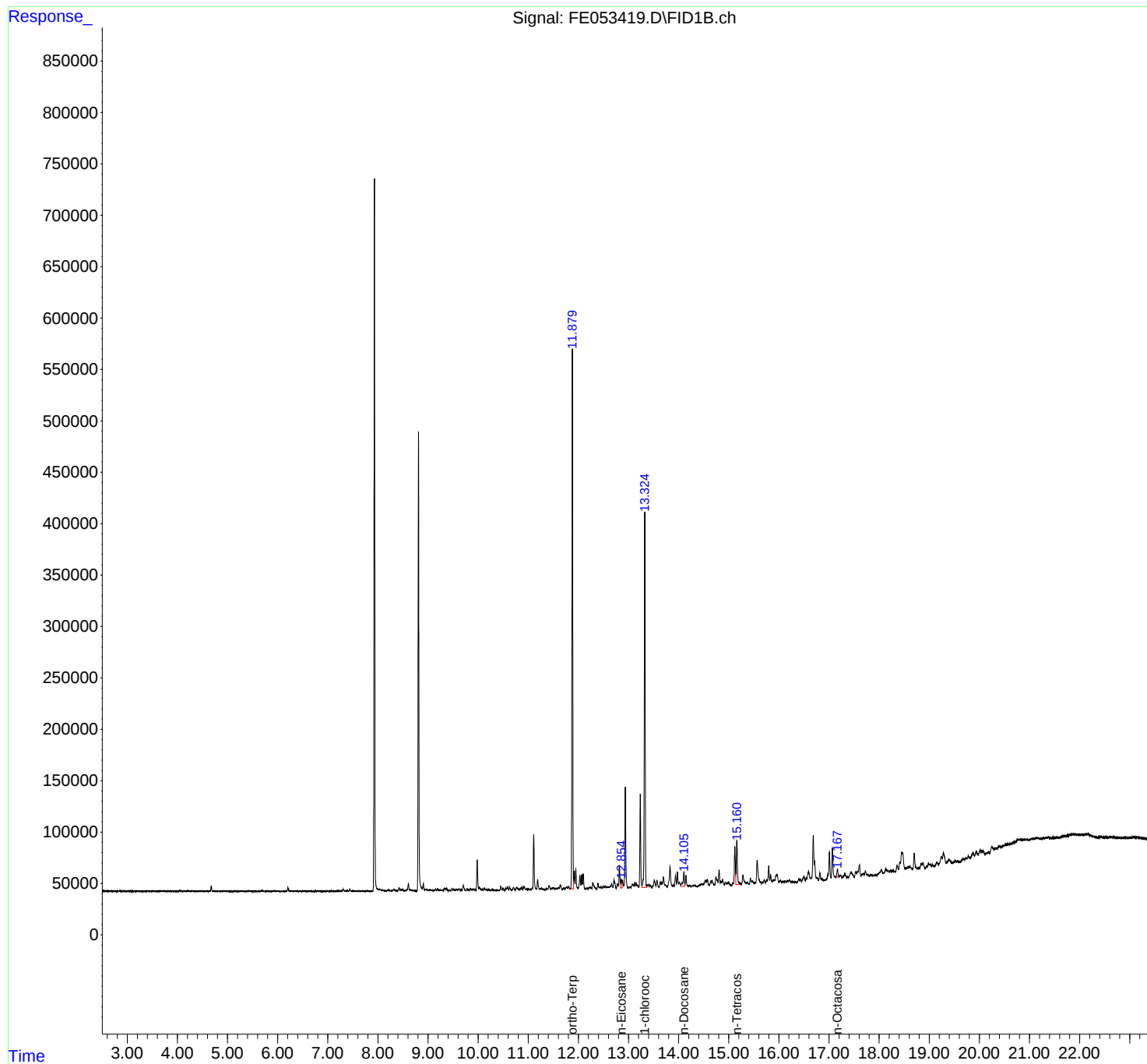
(m)=manual int.

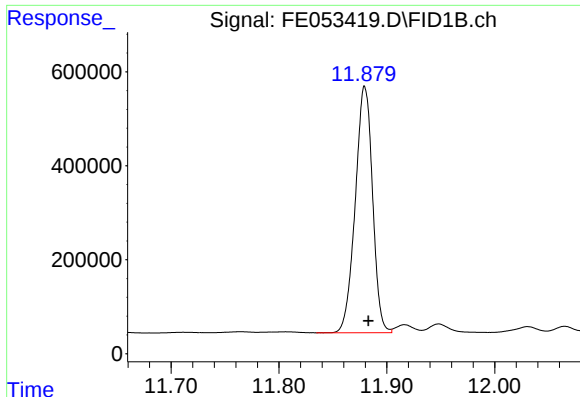
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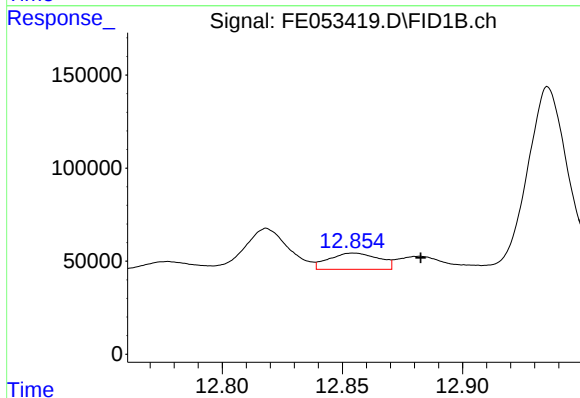




#9 ortho-Terphenyl (SURR)

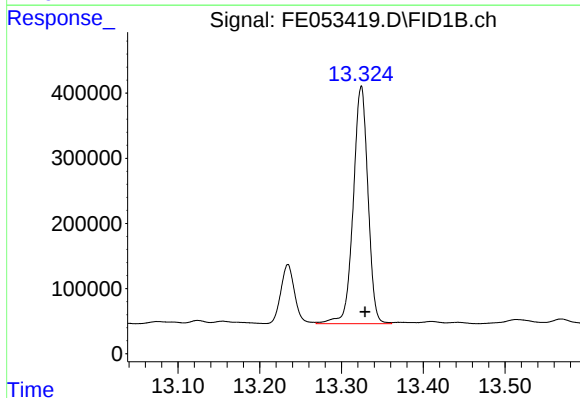
R.T.: 11.880 min
Delta R.T.: -0.003 min
Response: 5847909
Conc: 32.42 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-2



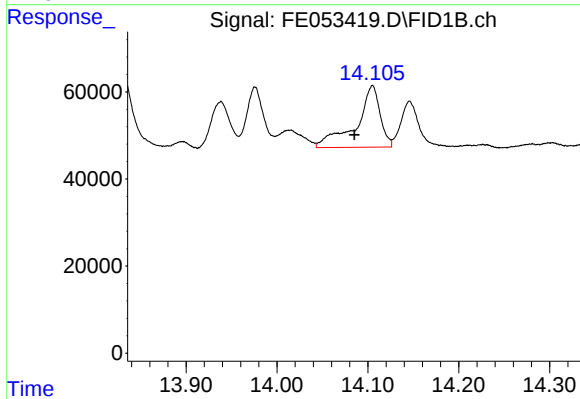
#10 n-Eicosane (C20)

R.T.: 12.855 min
Delta R.T.: -0.028 min
Response: 126076
Conc: 0.87 ug/ml



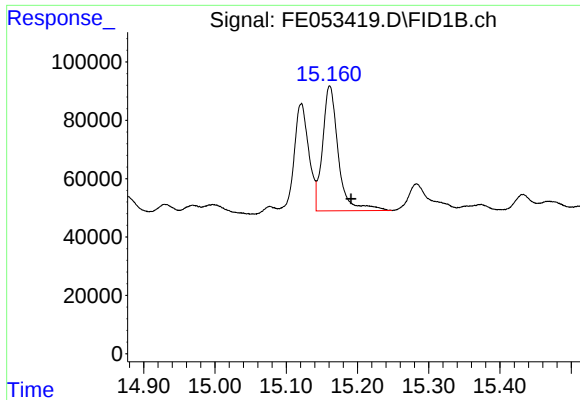
#12 1-chlorooctadecane (SURR)

R.T.: 13.324 min
Delta R.T.: -0.005 min
Response: 4562331
Conc: 33.75 ug/ml



#13 n-Docosane (C22)

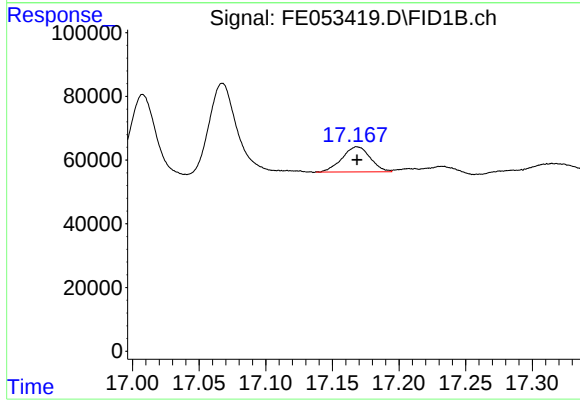
R.T.: 14.105 min
Delta R.T.: 0.020 min
Response: 259420
Conc: 1.80 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.161 min
Delta R.T.: -0.030 min
Response: 658540
Conc: 4.58 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-2



#16 n-Octacosane (C28)

R.T.: 17.169 min
Delta R.T.: 0.000 min
Response: 115890
Conc: 0.83 ug/ml