

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041925AL\
 Data File : FE053415.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2025 15:21
 Operator : YP\AJ
 Sample : Q1830-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-1E

Integration File: autoint1.e
 Quant Time: Apr 19 03:50:01 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	6422764	35.611 ug/ml
Spiked Amount 50.000		Recovery =	71.22%
12) S 1-chlorooctadecane (S...	13.325	5200962	38.476 ug/ml
Spiked Amount 50.000		Recovery =	76.95%
Target Compounds			
8) T n-Octadecane (C18)	11.638f	195420	1.341 ug/ml
10) T n-Eicosane (C20)	12.883	362531	2.491 ug/ml
11) T n-Heneicosane (C21)	13.521	462452	3.193 ug/ml
13) T n-Docosane (C22)	14.105	787397	5.457 ug/ml
14) T n-Tetracosane (C24)	15.163	1377540	9.590 ug/ml
16) T n-Octacosane (C28)	17.168	500506	3.597 ug/ml
17) T n-Tricontane (C30)	18.046	301802	2.168 ug/ml
19) T n-Tetratriacontane (C34)	19.693	142241	1.092 ug/ml

(f)=RT Delta > 1/2 Window

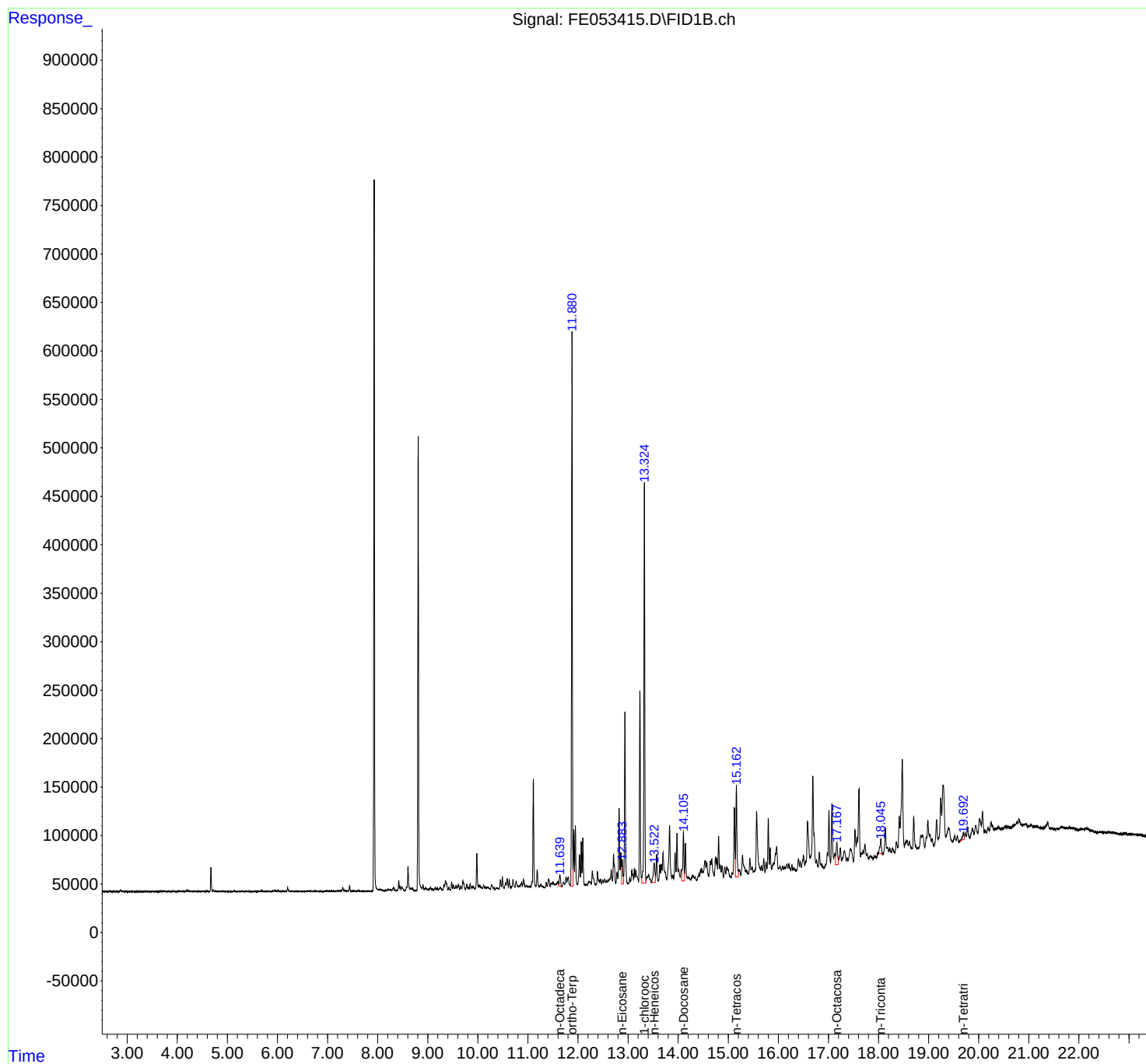
(m)=manual int.

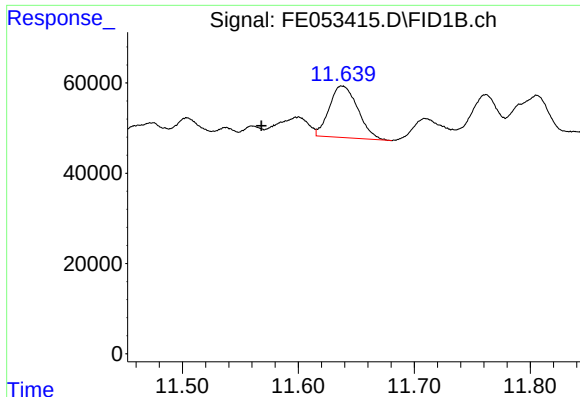
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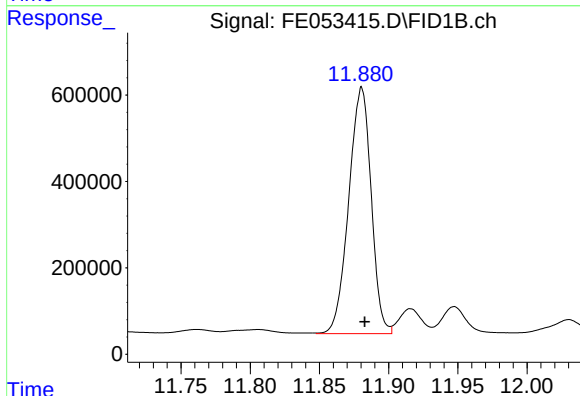




#8 n-Octadecane (C18)

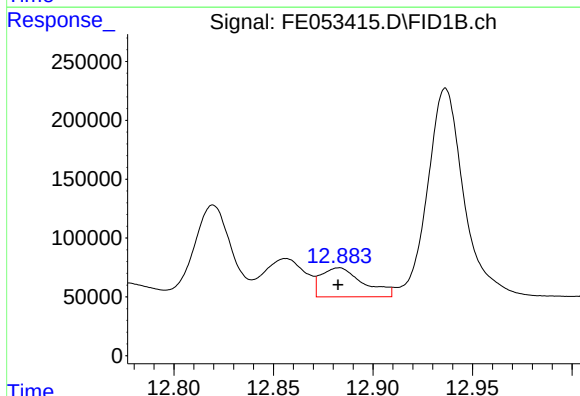
R.T.: 11.638 min
Delta R.T.: 0.070 min
Response: 195420
Conc: 1.34 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-1E



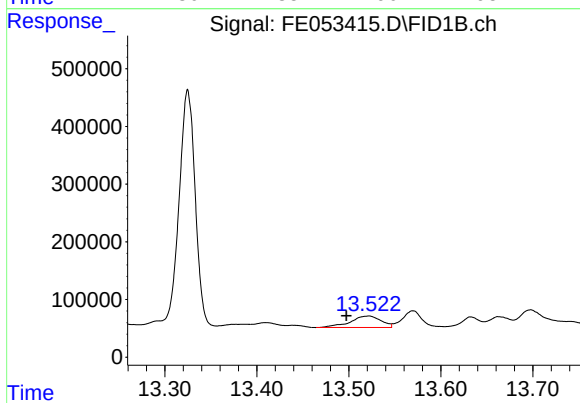
#9 ortho-Terphenyl (SURR)

R.T.: 11.880 min
Delta R.T.: -0.003 min
Response: 6422764
Conc: 35.61 ug/ml



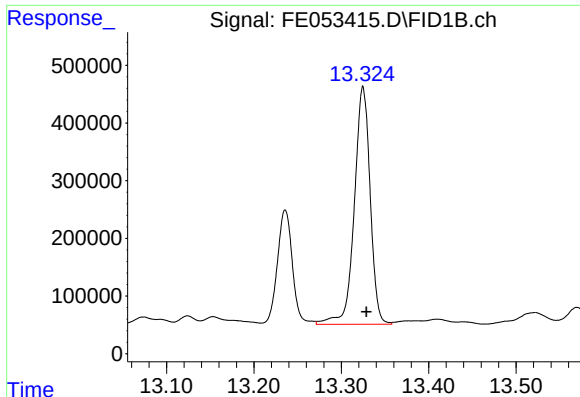
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: 0.000 min
Response: 362531
Conc: 2.49 ug/ml



#11 n-Heneicosane (C21)

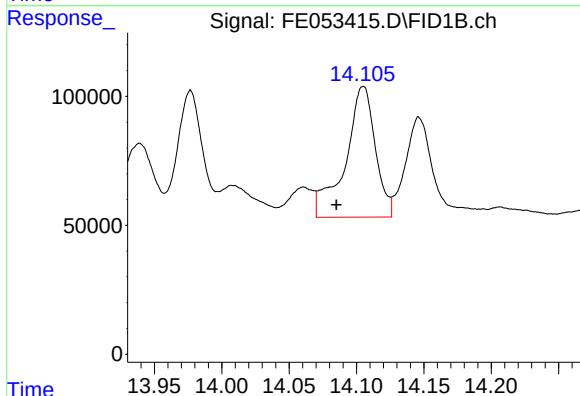
R.T.: 13.521 min
Delta R.T.: 0.023 min
Response: 462452
Conc: 3.19 ug/ml



#12 1-chlorooctadecane (SURR)

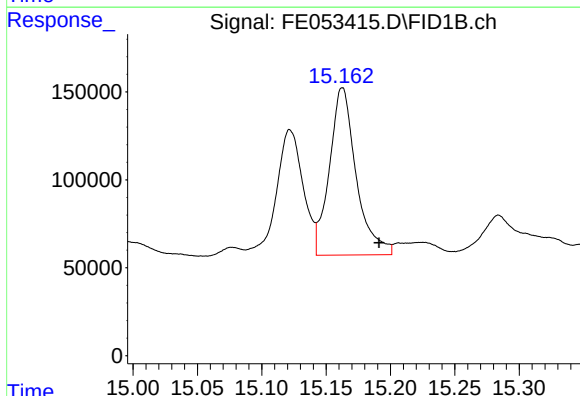
R.T.: 13.325 min
Delta R.T.: -0.004 min
Response: 5200962
Conc: 38.48 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-1E



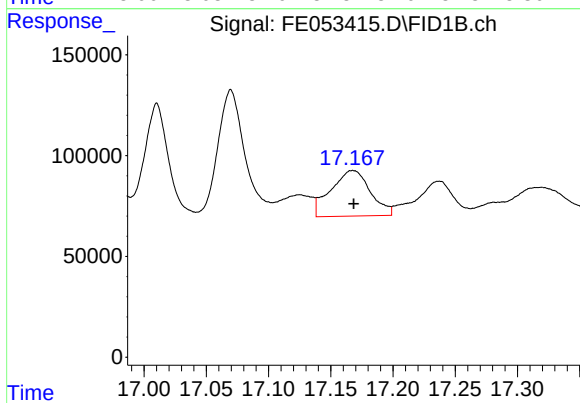
#13 n-Docosane (C22)

R.T.: 14.105 min
Delta R.T.: 0.020 min
Response: 787397
Conc: 5.46 ug/ml



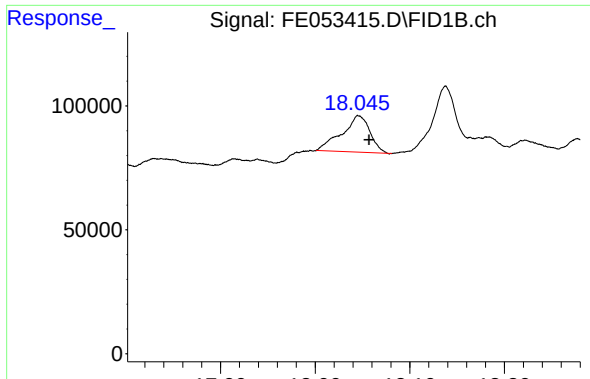
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.028 min
Response: 1377540
Conc: 9.59 ug/ml



#16 n-Octacosane (C28)

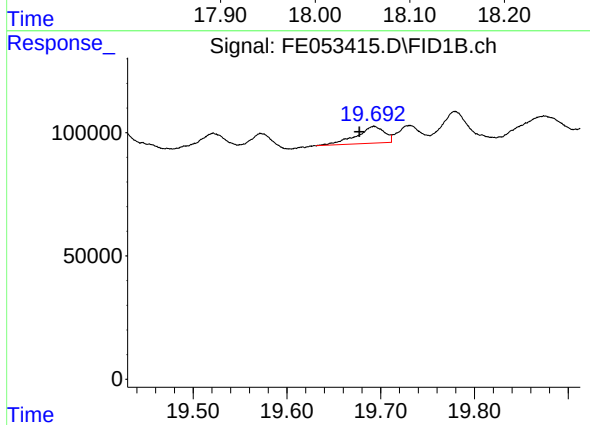
R.T.: 17.168 min
Delta R.T.: 0.000 min
Response: 500506
Conc: 3.60 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.046 min
Delta R.T.: -0.011 min
Response: 301802
Conc: 2.17 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-1E



#19 n-Tetratriacontane (C34)

R.T.: 19.693 min
Delta R.T.: 0.015 min
Response: 142241
Conc: 1.09 ug/ml