

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041925AL\
 Data File : FE053416.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2025 15:51
 Operator : YP\AJ
 Sample : Q1830-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-1F

Integration File: autoint1.e
 Quant Time: Apr 19 03:50:19 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)	11.881	7983097	44.262 ug/ml
Spiked Amount 50.000		Recovery =	88.52%
12) S 1-chlorooctadecane (S...	13.325	6336480	46.876 ug/ml
Spiked Amount 50.000		Recovery =	93.75%
Target Compounds			
10) T n-Eicosane (C20)	12.882	320539	2.203 ug/ml
11) T n-Heneicosane (C21)	13.520	397024	2.741 ug/ml
13) T n-Docosane (C22)	14.105	819199	5.677 ug/ml
14) T n-Tetracosane (C24)	15.163	1546197	10.764 ug/ml
16) T n-Octacosane (C28)	17.169	452880	3.255 ug/ml
17) T n-Tricontane (C30)	18.046	212521	1.527 ug/ml
18) T n-Dotriacontane (C32)	18.842	29059	0.212 ug/ml

(f)=RT Delta > 1/2 Window

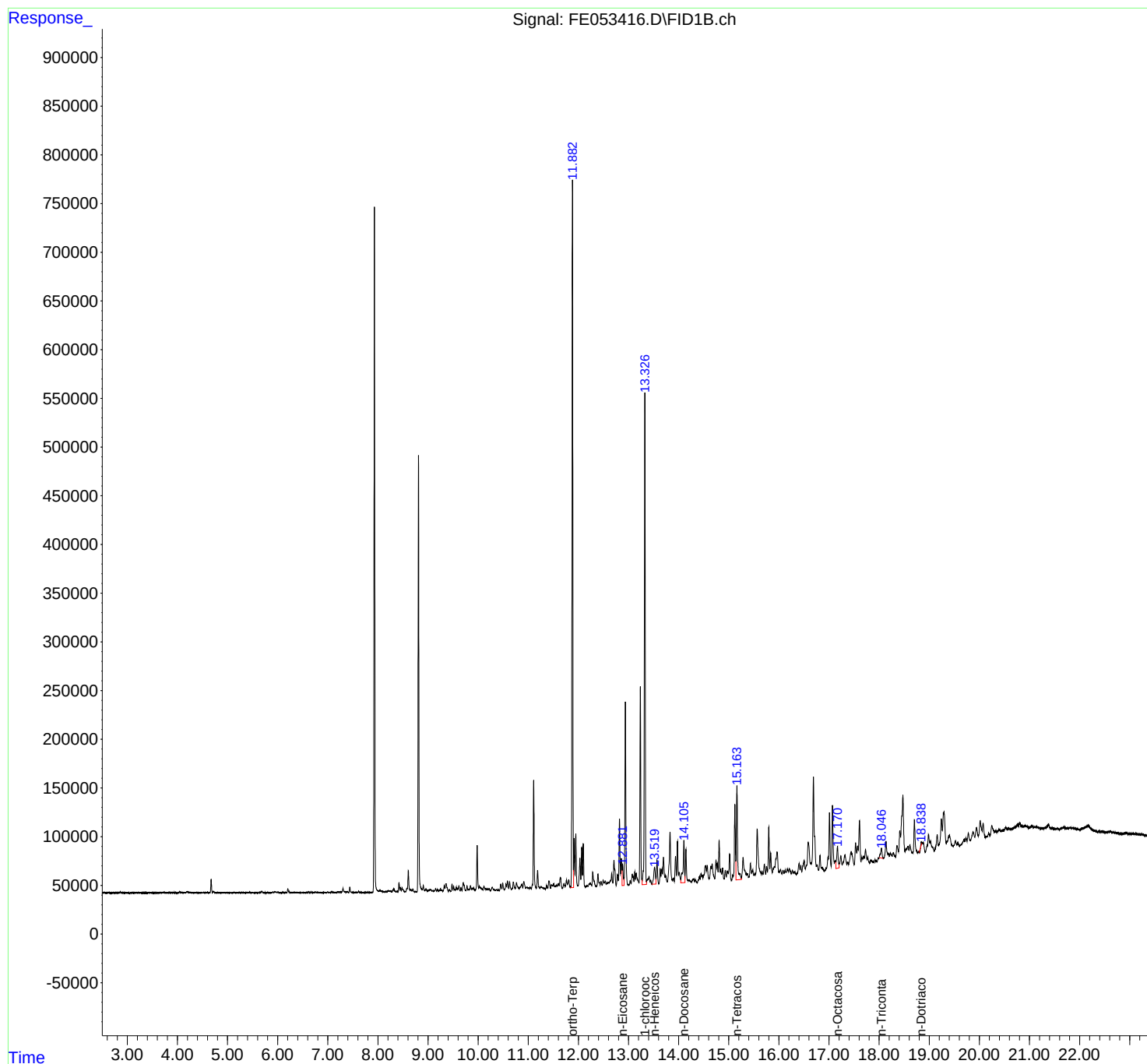
(m)=manual int.

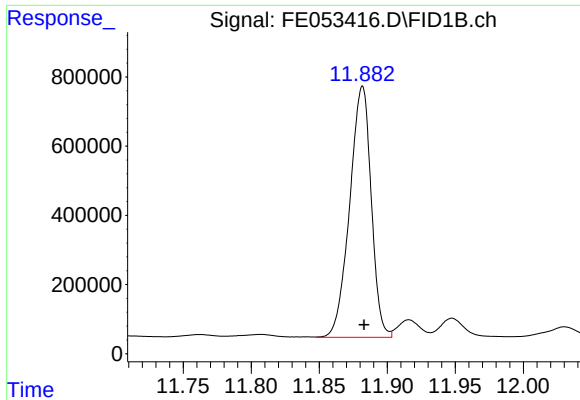
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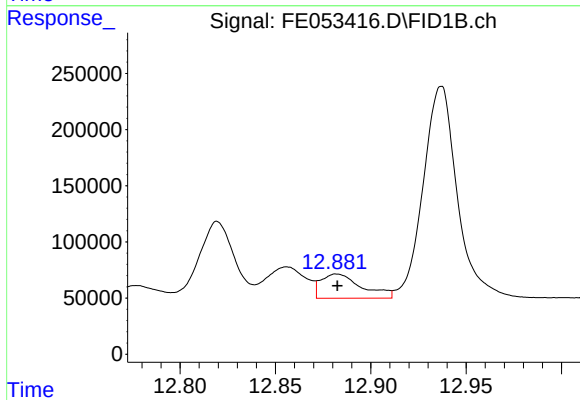




#9 ortho-Terphenyl (SURR)

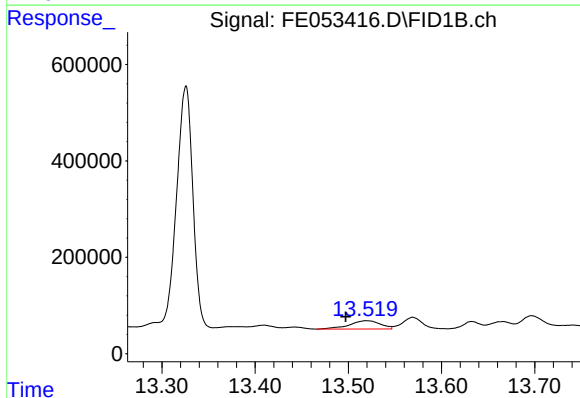
R.T.: 11.881 min
Delta R.T.: -0.002 min
Response: 7983097
Conc: 44.26 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-1F



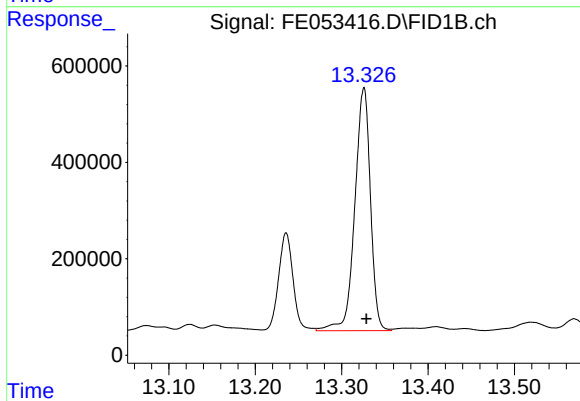
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: 0.000 min
Response: 320539
Conc: 2.20 ug/ml



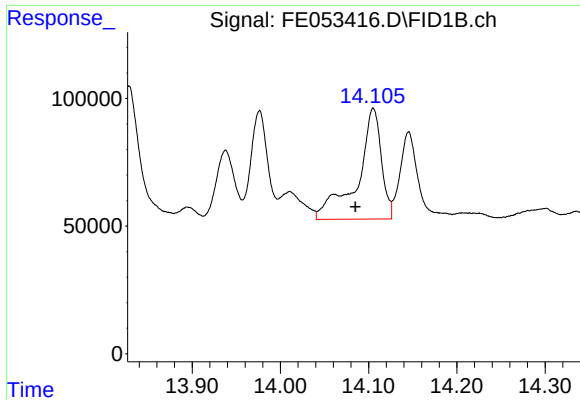
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: 0.023 min
Response: 397024
Conc: 2.74 ug/ml



#12 1-chlorooctadecane (SURR)

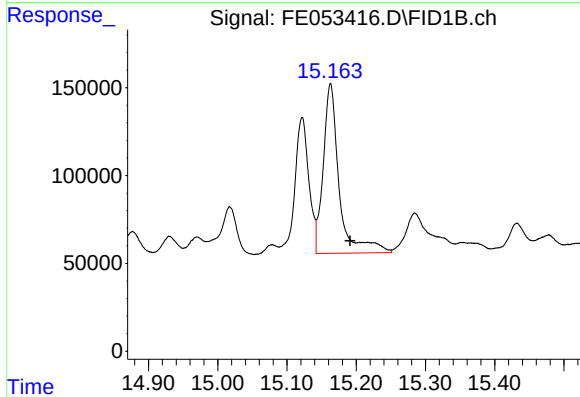
R.T.: 13.325 min
Delta R.T.: -0.003 min
Response: 6336480
Conc: 46.88 ug/ml



#13 n-Docosane (C22)

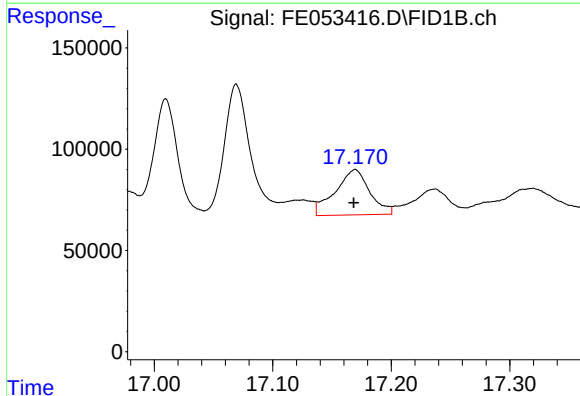
R.T.: 14.105 min
Delta R.T.: 0.020 min
Response: 819199
Conc: 5.68 ug/ml

Instrument :
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ClientSampleId :
SOIL-1F



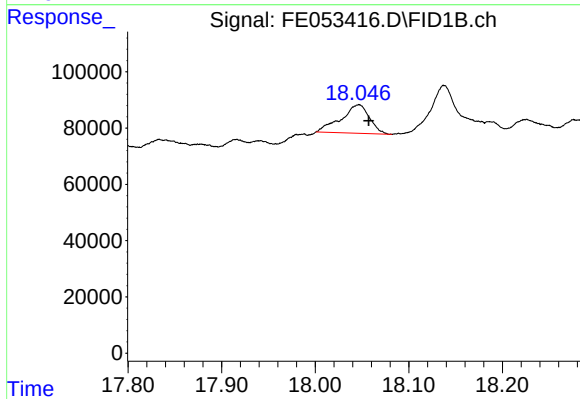
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.028 min
Response: 1546197
Conc: 10.76 ug/ml



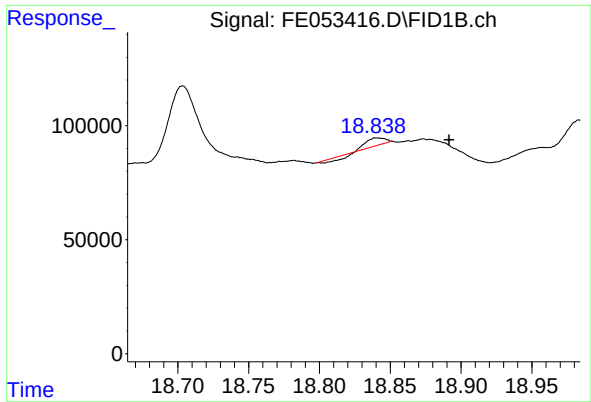
#16 n-Octacosane (C28)

R.T.: 17.169 min
Delta R.T.: 0.000 min
Response: 452880
Conc: 3.26 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.046 min
Delta R.T.: -0.011 min
Response: 212521
Conc: 1.53 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.842 min
Delta R.T.: -0.050 min
Response: 29059
Conc: 0.21 ug/ml

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