

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041925AL\
 Data File : FE053428.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2025 22:53
 Operator : YP\AJ
 Sample : Q1830-18
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-2G

Integration File: autoint1.e
 Quant Time: Apr 19 03:53:54 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	6841885	37.934 ug/ml
Spiked Amount 50.000		Recovery =	75.87%
12) S 1-chlorooctadecane (S...	13.325	5611794	41.515 ug/ml
Spiked Amount 50.000		Recovery =	83.03%
Target Compounds			
5) T A~2-methylnaphthalene...	7.302	100199	0.671 ug/ml
6) T n-Tetradecane (C14)	8.448f	101635	0.724 ug/ml
8) T n-Octadecane (C18)	11.503f	98248	0.674 ug/ml
10) T n-Eicosane (C20)	12.883	612193	4.207 ug/ml
11) T n-Heneicosane (C21)	13.519	727282	5.021 ug/ml
13) T n-Docosane (C22)	14.105	1337724	9.270 ug/ml
14) T n-Tetracosane (C24)	15.163	1912643	13.316 ug/ml
16) T n-Octacosane (C28)	17.169	525513	3.777 ug/ml
17) T n-Tricontane (C30)	18.043	200357	1.439 ug/ml
18) T n-Dotriacontane (C32)	18.838f	3240	0.024 ug/ml

(f)=RT Delta > 1/2 Window

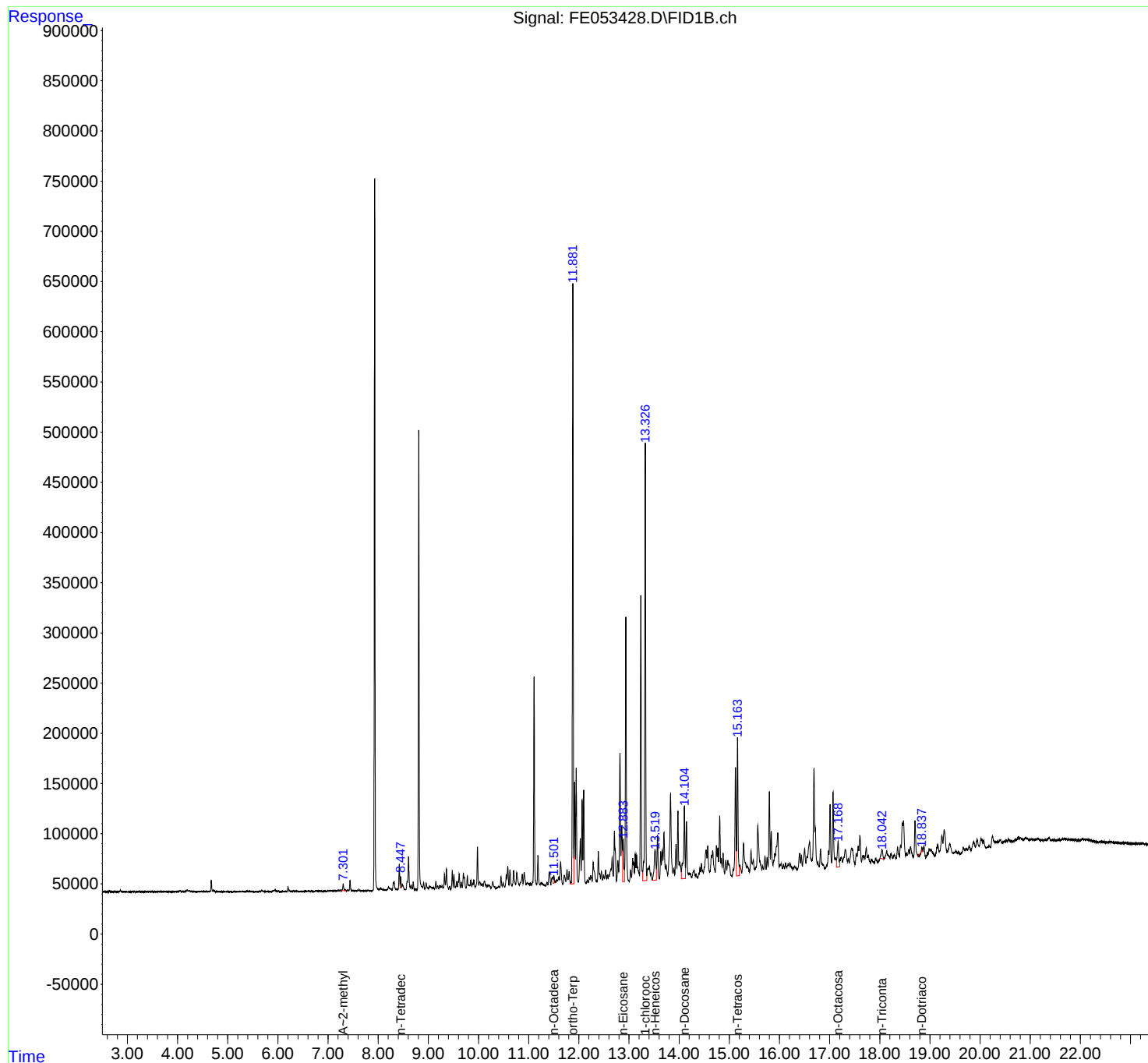
(m)=manual int.

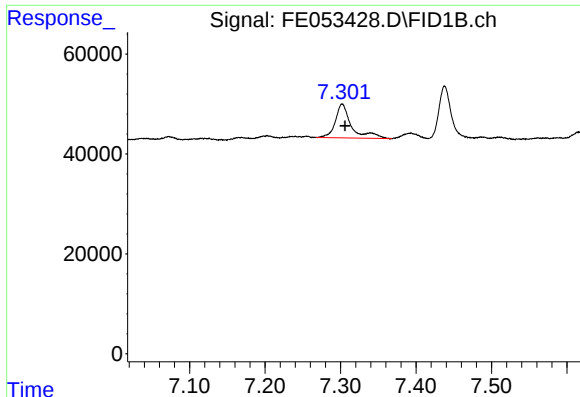
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Operator : YP\AJ
Sample : Q1830-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

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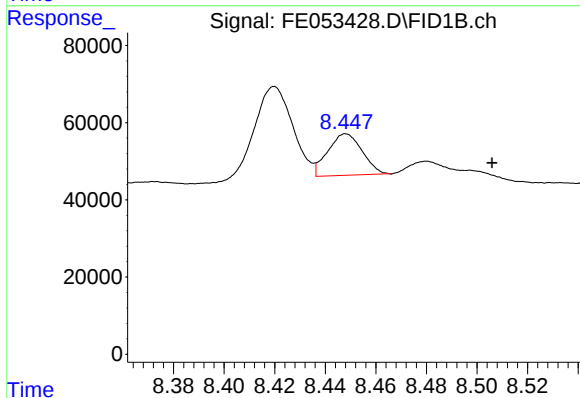




#5 A~2-methylnaphthalene (C12.89)

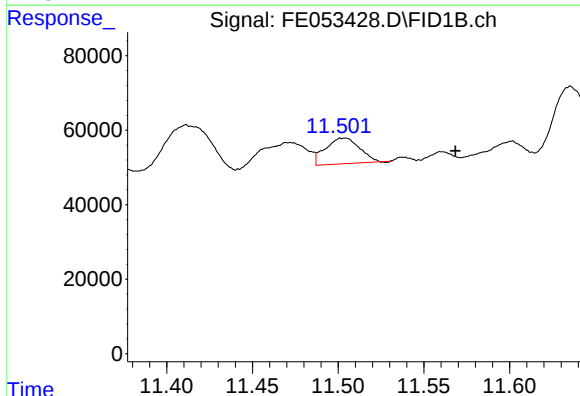
R.T.: 7.302 min
Delta R.T.: -0.004 min
Response: 100199
Conc: 0.67 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-2G



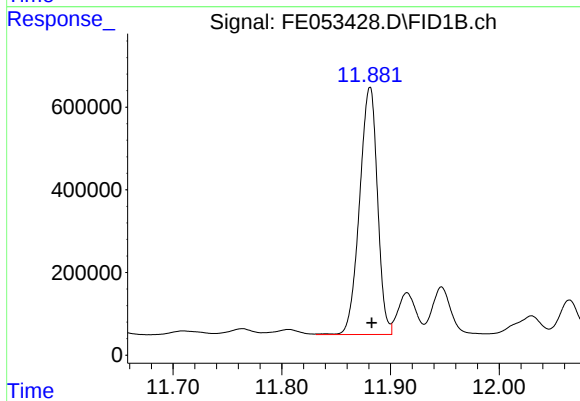
#6 n-Tetradecane (C14)

R.T.: 8.448 min
Delta R.T.: -0.058 min
Response: 101635
Conc: 0.72 ug/ml



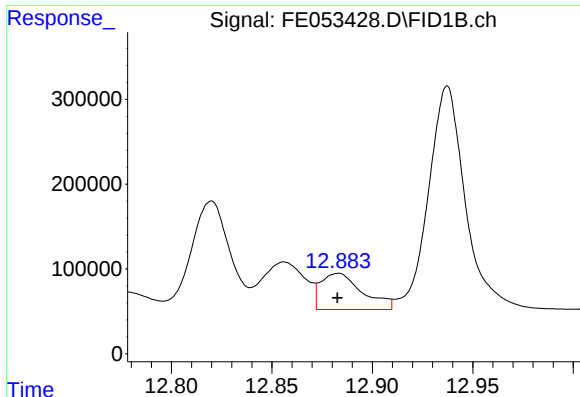
#8 n-Octadecane (C18)

R.T.: 11.503 min
Delta R.T.: -0.065 min
Response: 98248
Conc: 0.67 ug/ml



#9 ortho-Terphenyl (SURR)

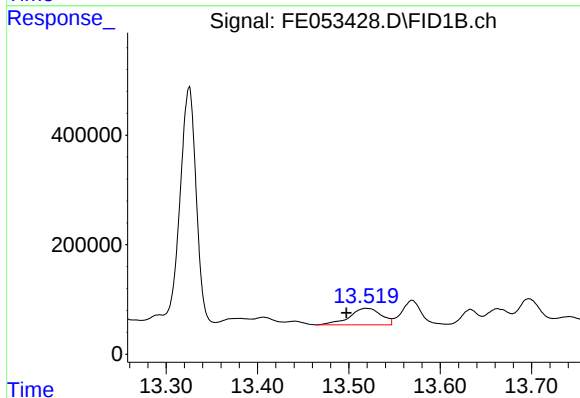
R.T.: 11.881 min
Delta R.T.: -0.002 min
Response: 6841885
Conc: 37.93 ug/ml



#10 n-Eicosane (C20)

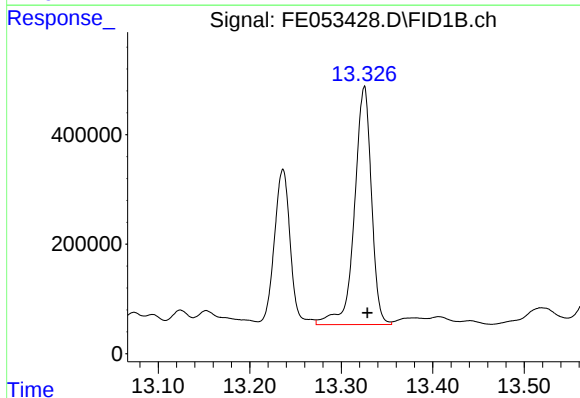
R.T.: 12.883 min
Delta R.T.: 0.000 min
Response: 612193
Conc: 4.21 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-2G



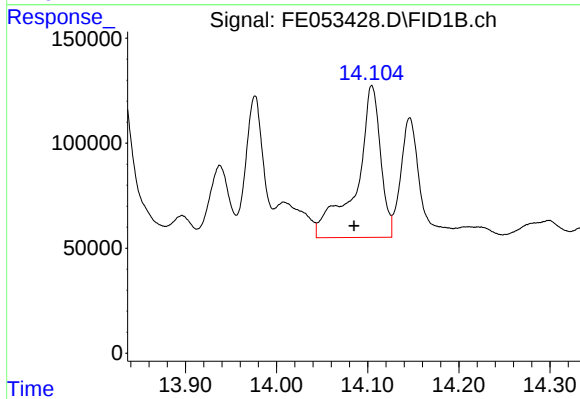
#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: 0.022 min
Response: 727282
Conc: 5.02 ug/ml



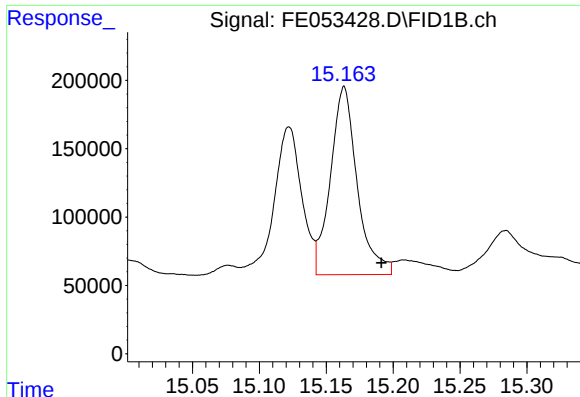
#12 1-chlorooctadecane (SURR)

R.T.: 13.325 min
Delta R.T.: -0.004 min
Response: 5611794
Conc: 41.51 ug/ml



#13 n-Docosane (C22)

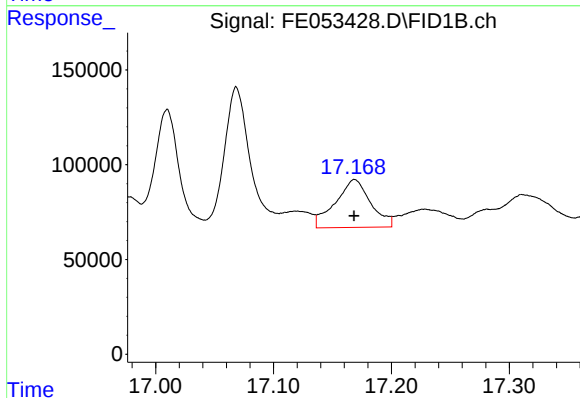
R.T.: 14.105 min
Delta R.T.: 0.020 min
Response: 1337724
Conc: 9.27 ug/ml



#14 n-Tetracosane (C24)

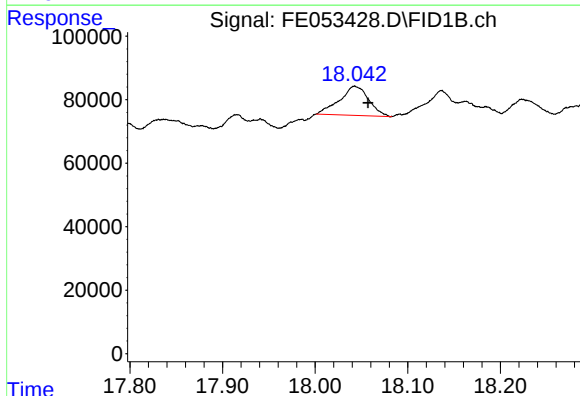
R.T.: 15.163 min
Delta R.T.: -0.028 min
Response: 1912643
Conc: 13.32 ug/ml

Instrument :
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ClientSampleId :
SOIL-2G



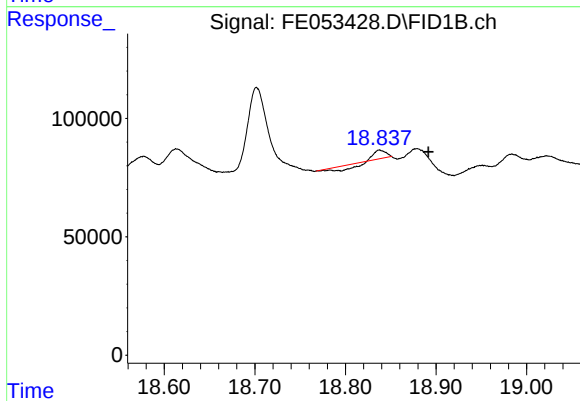
#16 n-Octacosane (C28)

R.T.: 17.169 min
Delta R.T.: 0.000 min
Response: 525513
Conc: 3.78 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: -0.014 min
Response: 200357
Conc: 1.44 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.053 min
Response: 3240
Conc: 0.02 ug/ml