

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041925AL\
 Data File : FE053429.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2025 23:24
 Operator : YP\AJ
 Sample : Q1830-19
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-2H

Integration File: autoint1.e
 Quant Time: Apr 19 03:54:12 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)	11.879	6308182	34.975 ug/ml
Spiked Amount 50.000		Recovery =	69.95%
12) S 1-chlorooctadecane (S...	13.324	5694557	42.127 ug/ml
Spiked Amount 50.000		Recovery =	84.25%
Target Compounds			
10) T n-Eicosane (C20)	12.881	156479	1.075 ug/ml
11) T n-Heneicosane (C21)	13.507	301925	2.084 ug/ml
13) T n-Docosane (C22)	14.102	581224	4.028 ug/ml
14) T n-Tetracosane (C24)	15.162	2146395	14.943 ug/ml
16) T n-Octacosane (C28)	17.167	523702	3.764 ug/ml
18) T n-Dotriacontane (C32)	18.835f	132388	0.964 ug/ml

(f)=RT Delta > 1/2 Window

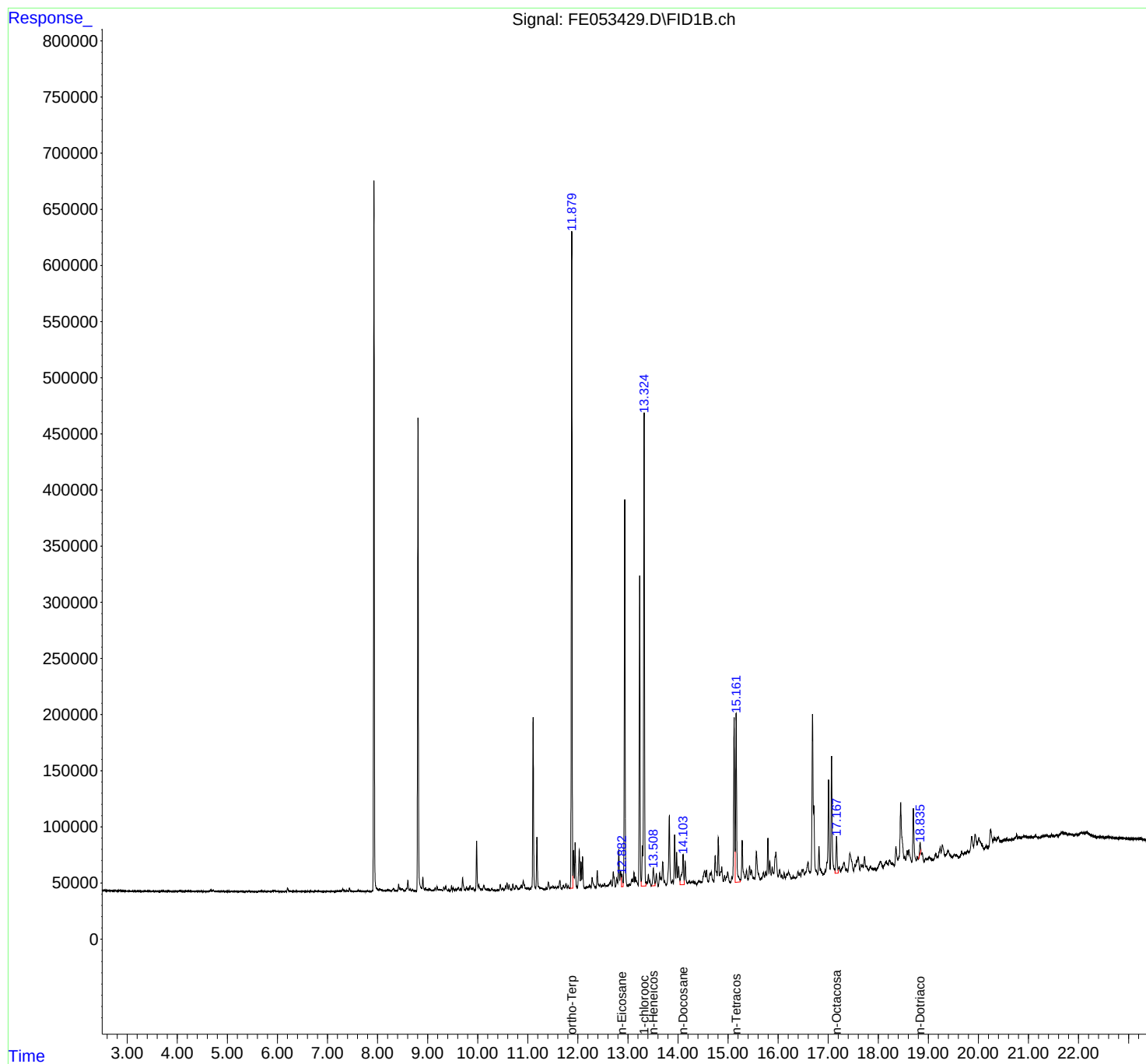
(m)=manual int.

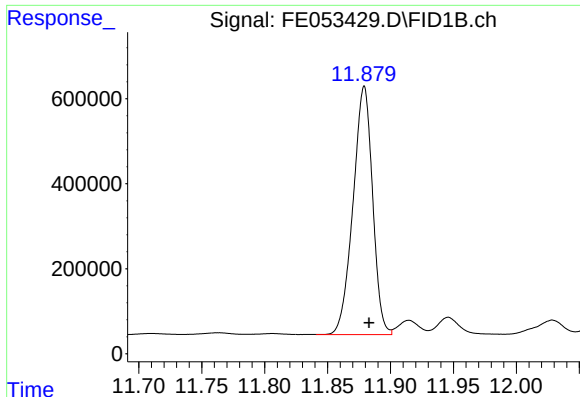
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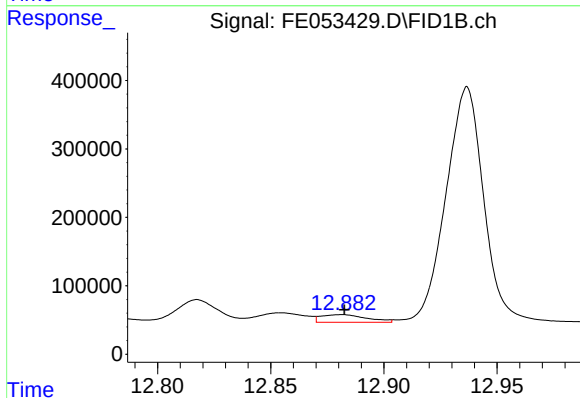




#9 ortho-Terphenyl (SURR)

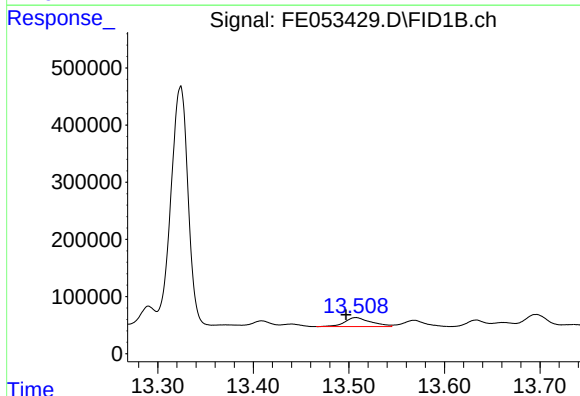
R.T.: 11.879 min
Delta R.T.: -0.004 min
Response: 6308182
Conc: 34.98 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-2H



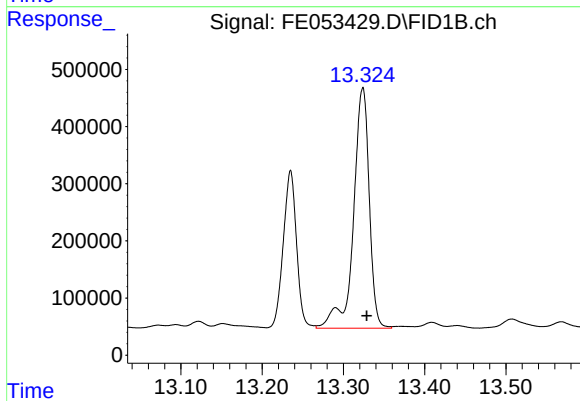
#10 n-Eicosane (C20)

R.T.: 12.881 min
Delta R.T.: -0.002 min
Response: 156479
Conc: 1.08 ug/ml



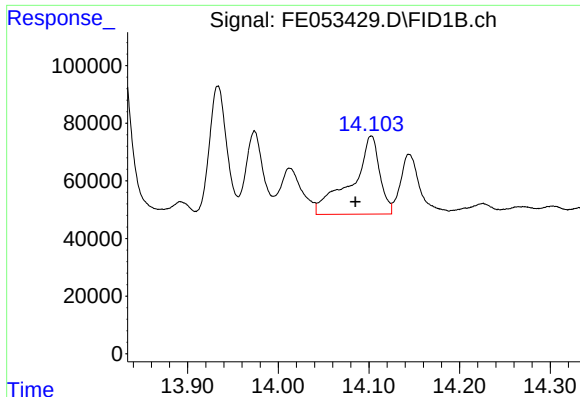
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: 0.010 min
Response: 301925
Conc: 2.08 ug/ml



#12 1-chlorooctadecane (SURR)

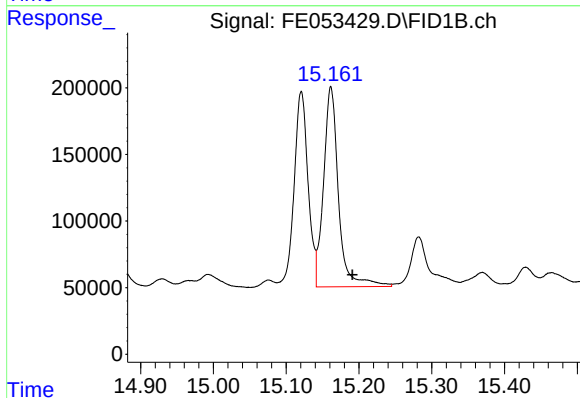
R.T.: 13.324 min
Delta R.T.: -0.005 min
Response: 5694557
Conc: 42.13 ug/ml



#13 n-Docosane (C22)

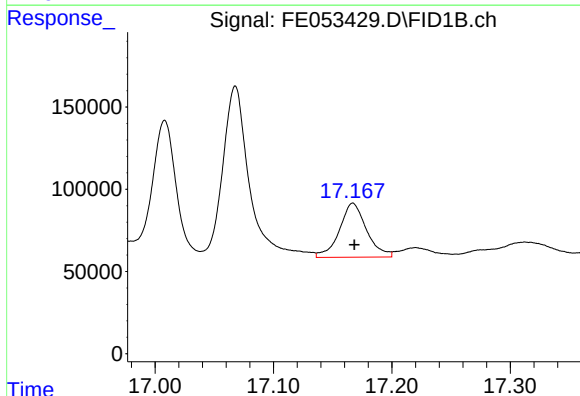
R.T.: 14.102 min
Delta R.T.: 0.017 min
Response: 581224
Conc: 4.03 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-2H



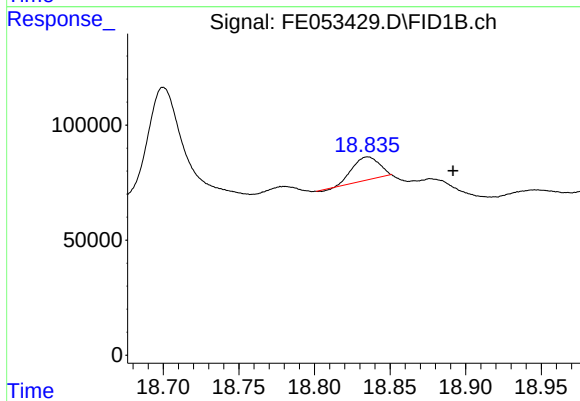
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.030 min
Response: 2146395
Conc: 14.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.167 min
Delta R.T.: -0.001 min
Response: 523702
Conc: 3.76 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.835 min
Delta R.T.: -0.056 min
Response: 132388
Conc: 0.96 ug/ml