

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041925AL\
 Data File : FE053420.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2025 17:52
 Operator : YP\AJ
 Sample : Q1830-12
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SOIL-2A

Integration File: autoint1.e
 Quant Time: Apr 19 03:51:31 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	5848855	32.429 ug/ml
Spiked Amount 50.000		Recovery =	64.86%
12) S 1-chlorooctadecane (S...	13.323	4666531	34.522 ug/ml
Spiked Amount 50.000		Recovery =	69.04%
Target Compounds			
10) T n-Eicosane (C20)	12.855	149628	1.028 ug/ml
11) T n-Heneicosane (C21)	13.511	171987	1.187 ug/ml
13) T n-Docosane (C22)	14.104	317737	2.202 ug/ml
14) T n-Tetracosane (C24)	15.162	950262	6.616 ug/ml
16) T n-Octacosane (C28)	17.168	281213	2.021 ug/ml
18) T n-Dotriacontane (C32)	18.838f	42954	0.313 ug/ml

(f)=RT Delta > 1/2 Window

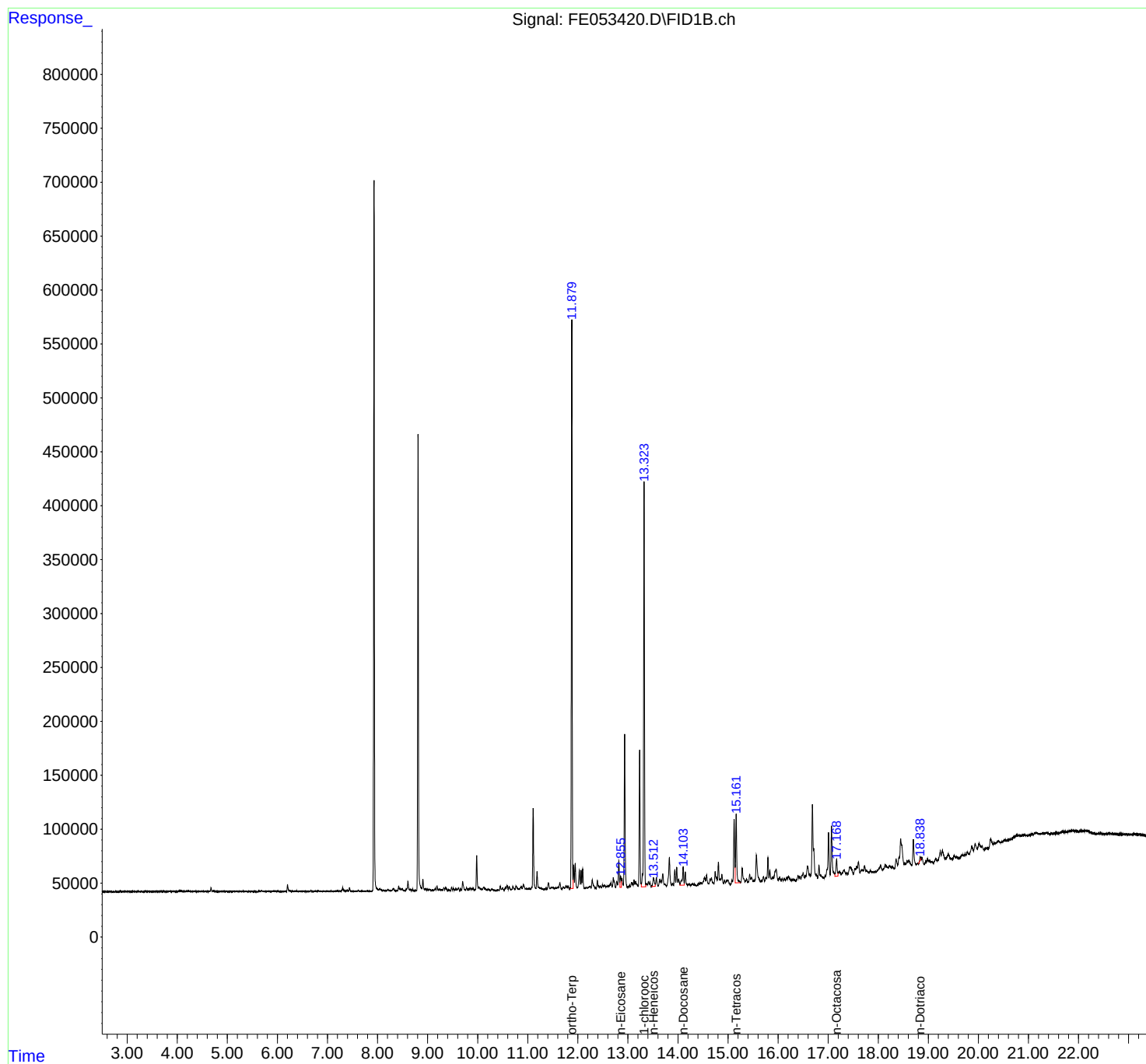
(m)=manual int.

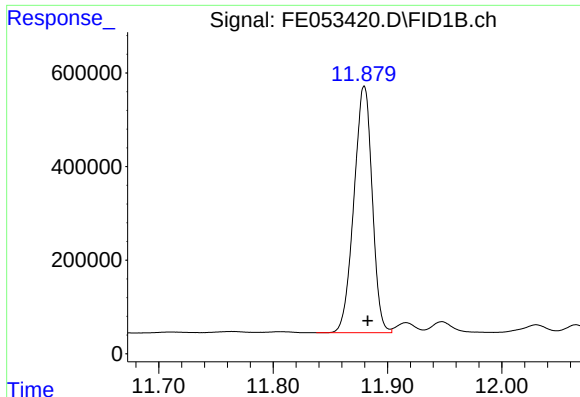
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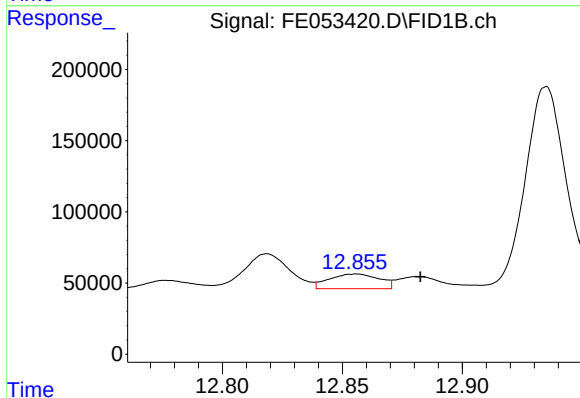




#9 ortho-Terphenyl (SURR)

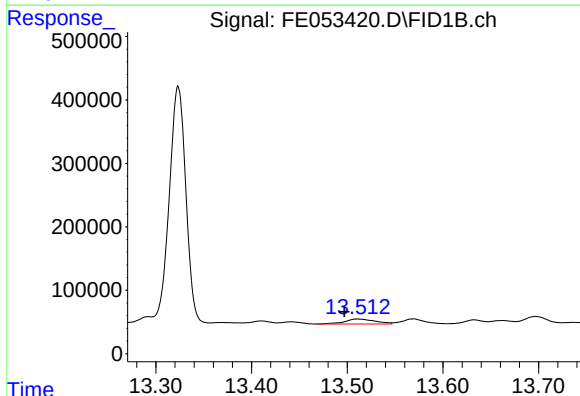
R.T.: 11.880 min
Delta R.T.: -0.003 min
Response: 5848855
Conc: 32.43 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-2A



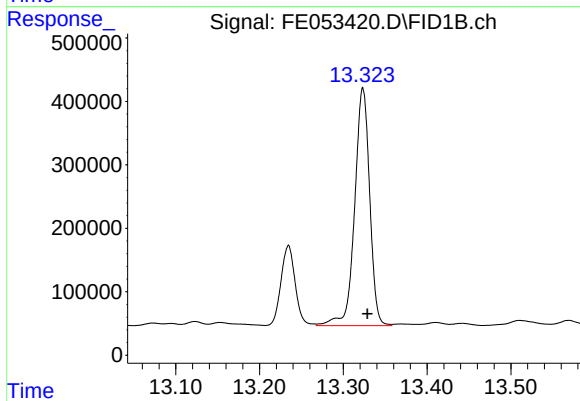
#10 n-Eicosane (C20)

R.T.: 12.855 min
Delta R.T.: -0.027 min
Response: 149628
Conc: 1.03 ug/ml



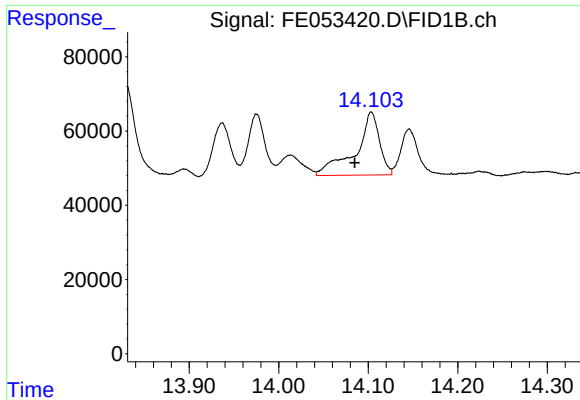
#11 n-Heneicosane (C21)

R.T.: 13.511 min
Delta R.T.: 0.014 min
Response: 171987
Conc: 1.19 ug/ml



#12 1-chlorooctadecane (SURR)

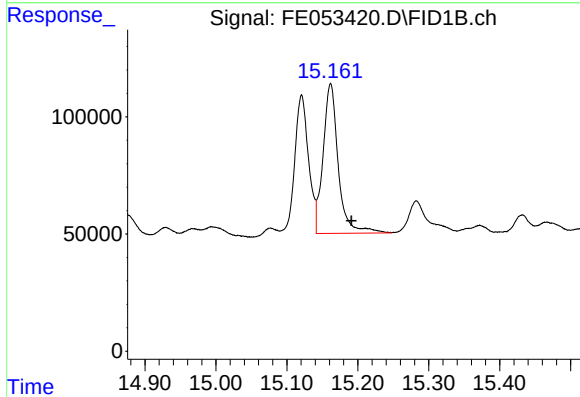
R.T.: 13.323 min
Delta R.T.: -0.005 min
Response: 4666531
Conc: 34.52 ug/ml



#13 n-Docosane (C22)

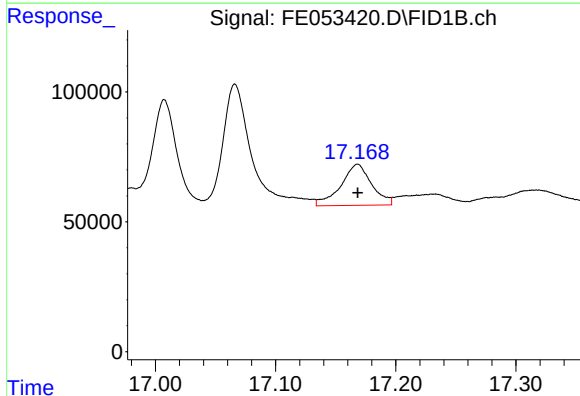
R.T.: 14.104 min
Delta R.T.: 0.019 min
Response: 317737
Conc: 2.20 ug/ml

Instrument :
FID_E
ClientSampleId :
SOIL-2A



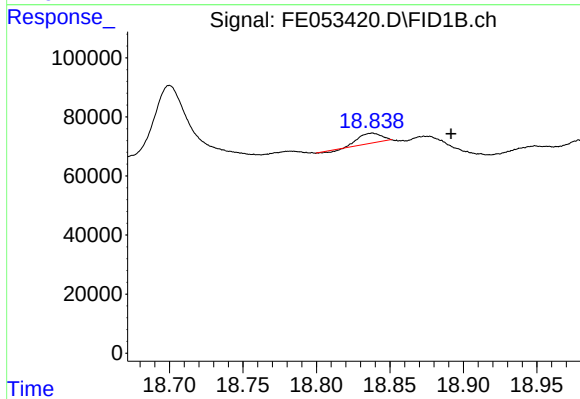
#14 n-Tetracosane (C24)

R.T.: 15.162 min
Delta R.T.: -0.029 min
Response: 950262
Conc: 6.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.168 min
Delta R.T.: 0.000 min
Response: 281213
Conc: 2.02 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.054 min
Response: 42954
Conc: 0.31 ug/ml