

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071125AL\
 Data File : FE054805.D
 Signal(s) : FID1B.ch
 Acq On : 11 Jul 2025 10:19
 Operator : YP\AJ
 Sample : Q2542-01DL 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 11 12:51:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 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)	12.081	2675027	16.472 ug/ml
Spiked Amount 50.000		Recovery =	32.94%
12) S 1-chlorooctadecane (S...	13.518	2153840	17.054 ug/ml
Spiked Amount 50.000		Recovery =	34.11%
Target Compounds			
10) T n-Eicosane (C20)	13.142f	110789	0.770 ug/ml
14) T n-Tetracosane (C24)	15.369	79688	0.548 ug/ml
15) T n-Hexacosane (C26)	16.402	36781	0.254 ug/ml
16) T n-Octacosane (C28)	17.354	84058	0.577 ug/ml
17) T n-Tricontane (C30)	18.242	144088	0.914 ug/ml
18) T n-Dotriacontane (C32)	19.076	310817	1.921 ug/ml
19) T n-Tetratriacontane (C34)	19.862	158477	1.040 ug/ml
20) T n-Hexatriacontane (C36)	20.602	128701	0.957 ug/ml
21) T n-Octatriacontane (C38)	21.378	181542	1.548 ug/ml

(f)=RT Delta > 1/2 Window

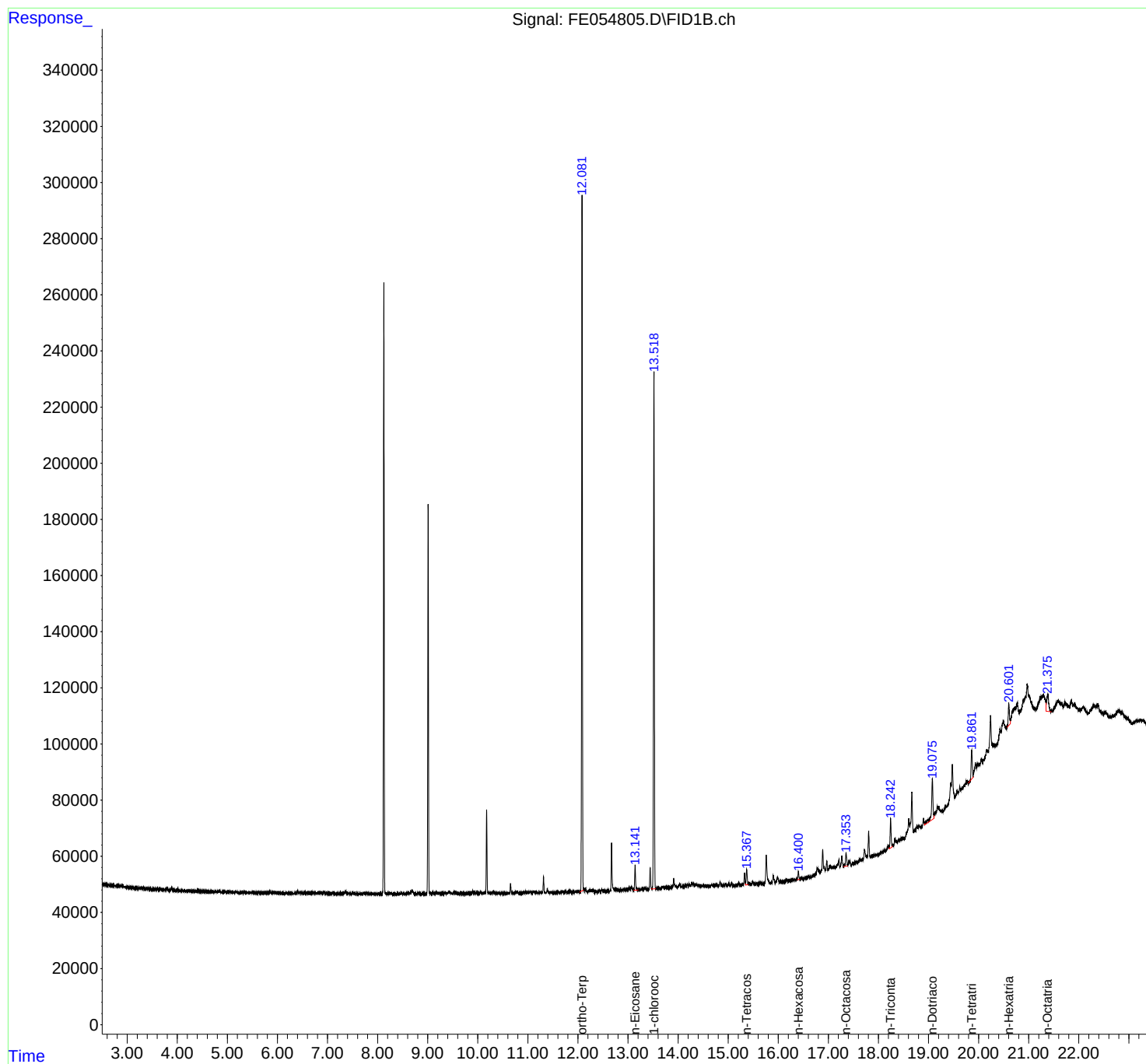
(m)=manual int.

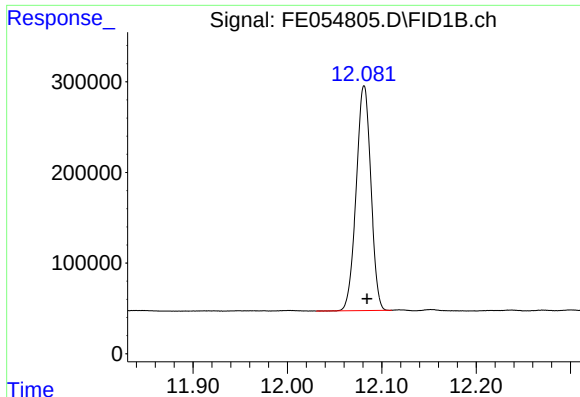
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Signal Info : 20M x 0.18mm x 0.18um

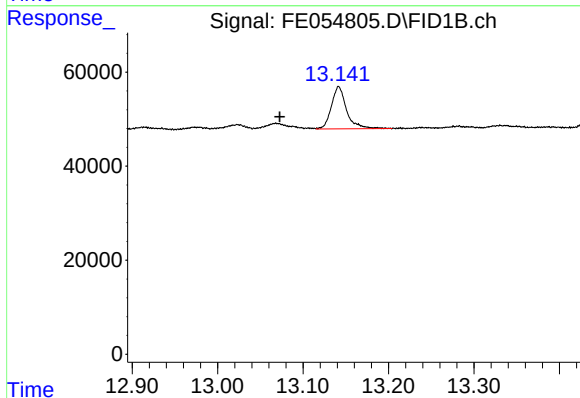




#9 ortho-Terphenyl (SURR)

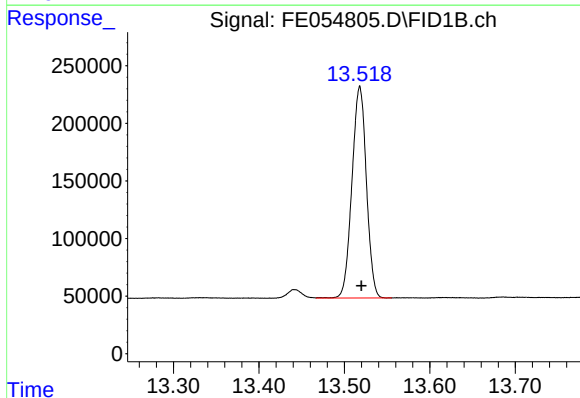
R.T.: 12.081 min
Delta R.T.: -0.003 min
Response: 2675027
Conc: 16.47 ug/ml

Instrument :
FID_E
ClientSampleId :



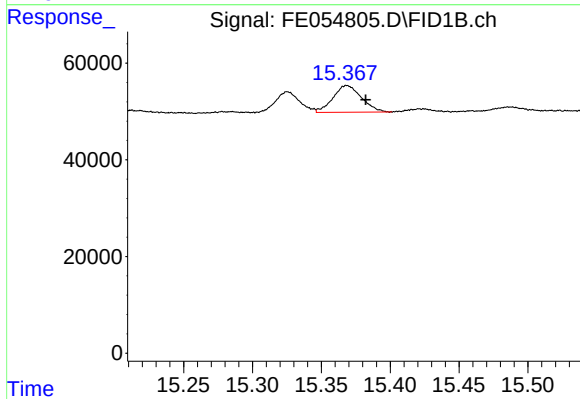
#10 n-Eicosane (C20)

R.T.: 13.142 min
Delta R.T.: 0.069 min
Response: 110789
Conc: 0.77 ug/ml



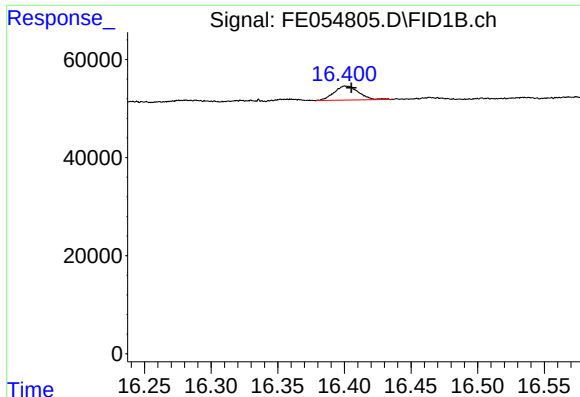
#12 1-chlorooctadecane (SURR)

R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 2153840
Conc: 17.05 ug/ml



#14 n-Tetracosane (C24)

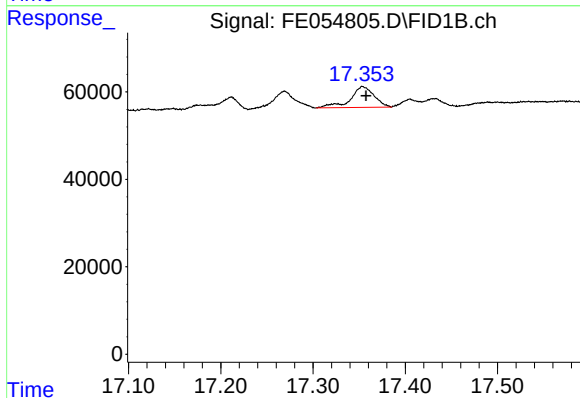
R.T.: 15.369 min
Delta R.T.: -0.014 min
Response: 79688
Conc: 0.55 ug/ml



#15 n-Hexacosane (C26)

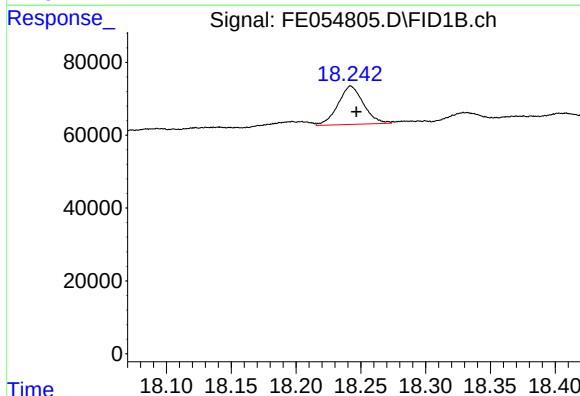
R.T.: 16.402 min
Delta R.T.: -0.004 min
Response: 36781
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :



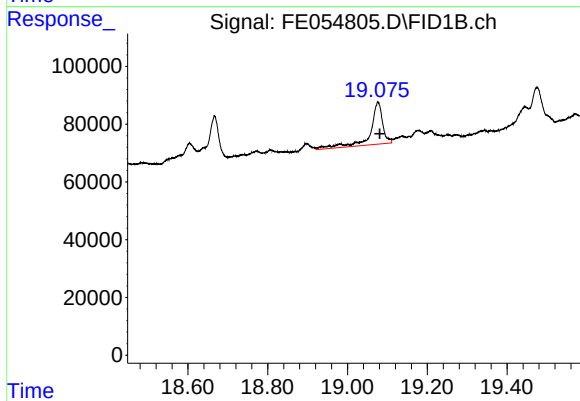
#16 n-Octacosane (C28)

R.T.: 17.354 min
Delta R.T.: -0.003 min
Response: 84058
Conc: 0.58 ug/ml



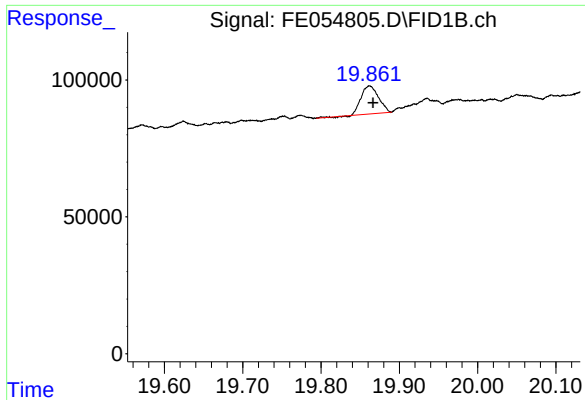
#17 n-Tricontane (C30)

R.T.: 18.242 min
Delta R.T.: -0.004 min
Response: 144088
Conc: 0.91 ug/ml



#18 n-Dotriacontane (C32)

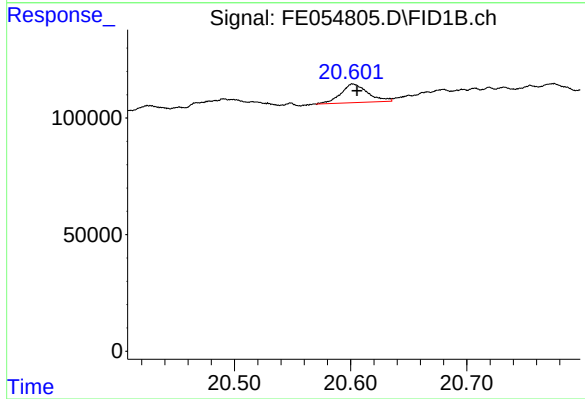
R.T.: 19.076 min
Delta R.T.: -0.004 min
Response: 310817
Conc: 1.92 ug/ml



#19 n-Tetratriacontane (C34)

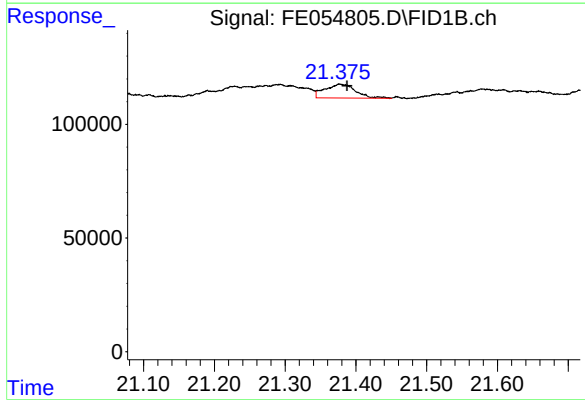
R.T.: 19.862 min
Delta R.T.: -0.004 min
Response: 158477
Conc: 1.04 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.602 min
Delta R.T.: -0.003 min
Response: 128701
Conc: 0.96 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.378 min
Delta R.T.: -0.010 min
Response: 181542
Conc: 1.55 ug/ml