

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054925.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 14:25
 Operator : YP\AJ
 Sample : Q2618-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 2

Integration File: autoint1.e
 Quant Time: Jul 18 23:10:39 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)	12.088	5519565	33.989 ug/ml
Spiked Amount 50.000		Recovery =	67.98%
12) S 1-chlorooctadecane (S...	13.524	4191336	33.187 ug/ml
Spiked Amount 50.000		Recovery =	66.37%
Target Compounds			
6) T n-Tetradecane (C14)	8.694	52748	0.381 ug/ml
7) T n-Hexadecane (C16)	10.309	22747	0.160 ug/ml
8) T n-Octadecane (C18)	11.784	36884	0.252 ug/ml
10) T n-Eicosane (C20)	13.042	39844	0.277 ug/ml
11) T n-Heneicosane (C21)	13.686	37641	0.264 ug/ml
16) T n-Octacosane (C28)	17.356	41118	0.282 ug/ml
17) T n-Tricontane (C30)	18.246	49972	0.317 ug/ml
18) T n-Dotriacontane (C32)	19.078	84998	0.525 ug/ml
19) T n-Tetratriacontane (C34)	19.866	63862	0.419 ug/ml
20) T n-Hexatriacontane (C36)	20.607	52506	0.391 ug/ml
22) T n-Tetracontane (C40)	22.379	76263	0.704 ug/ml

(f)=RT Delta > 1/2 Window

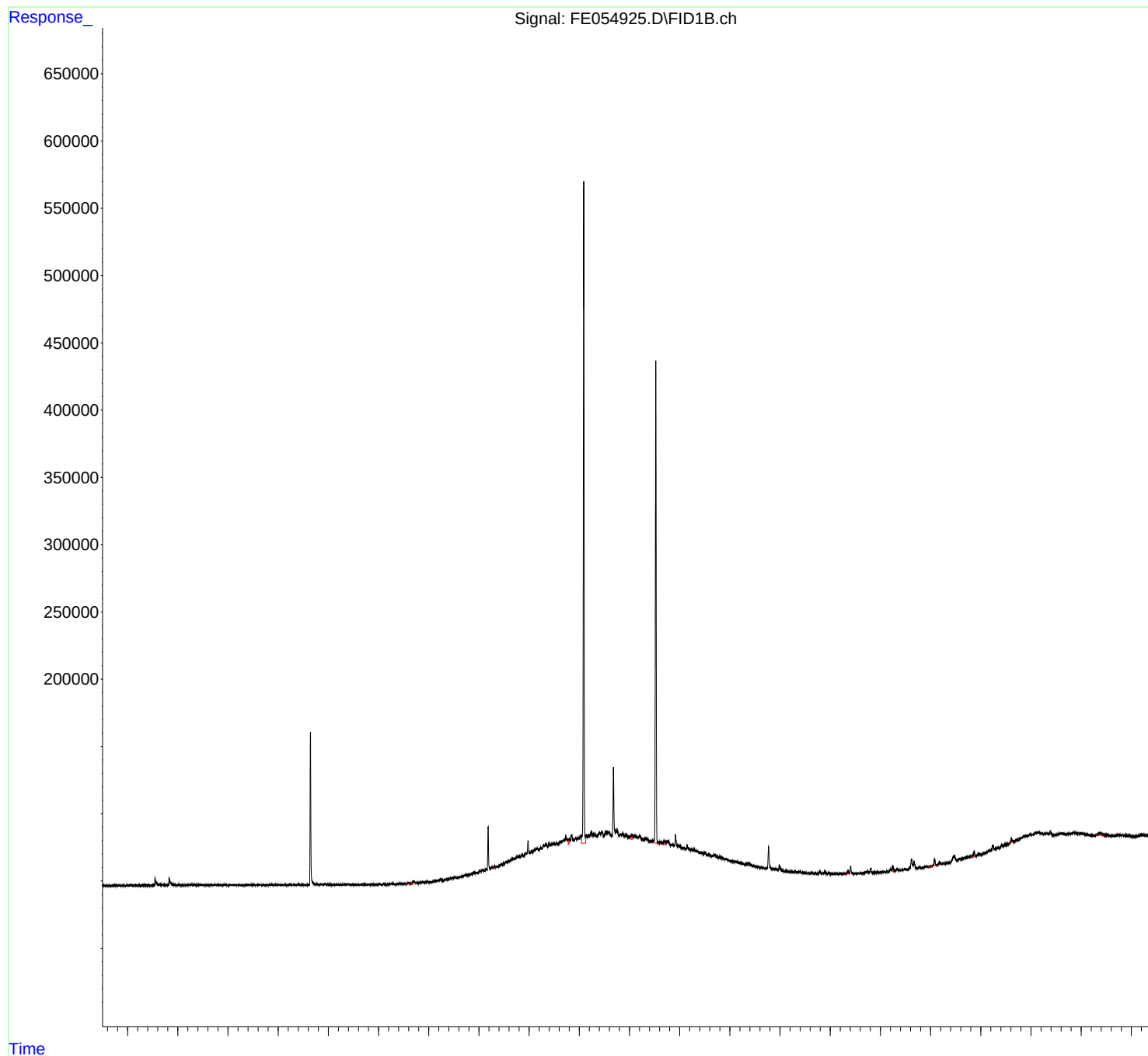
(m)=manual int.

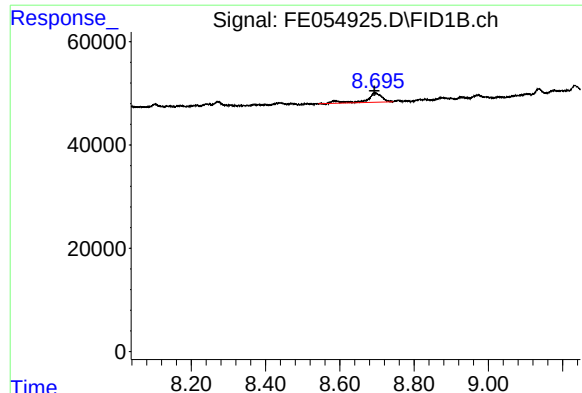
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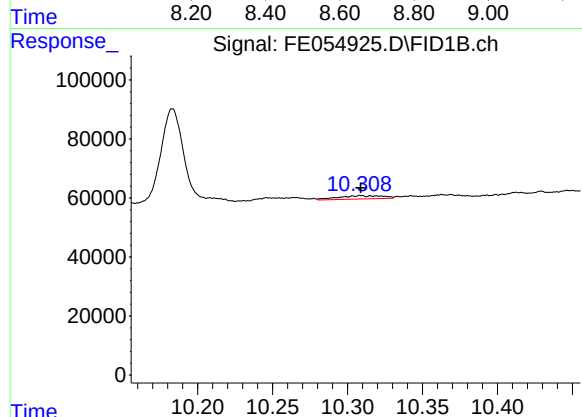




#6 n-Tetradecane (C14)

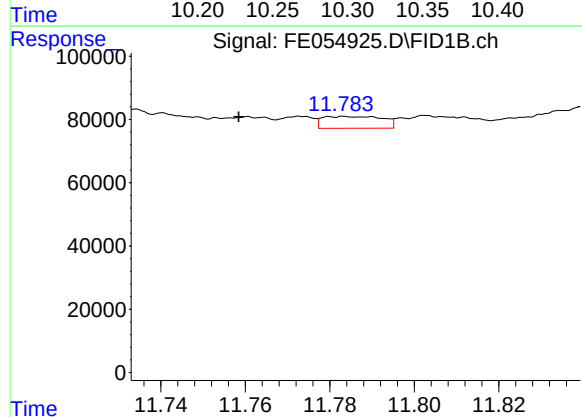
R.T.: 8.694 min
Delta R.T.: 0.001 min
Response: 52748
Conc: 0.38 ug/ml

Instrument :
FID_E
ClientSampleId :
2



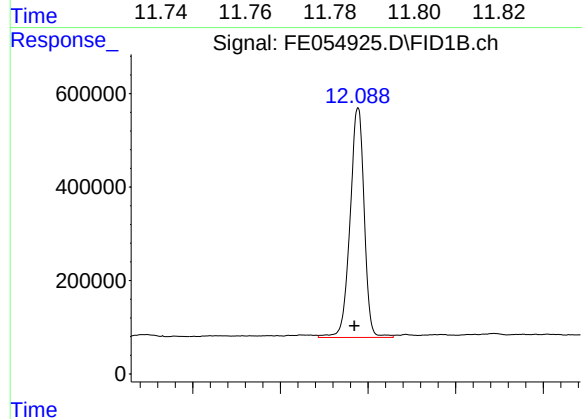
#7 n-Hexadecane (C16)

R.T.: 10.309 min
Delta R.T.: 0.000 min
Response: 22747
Conc: 0.16 ug/ml



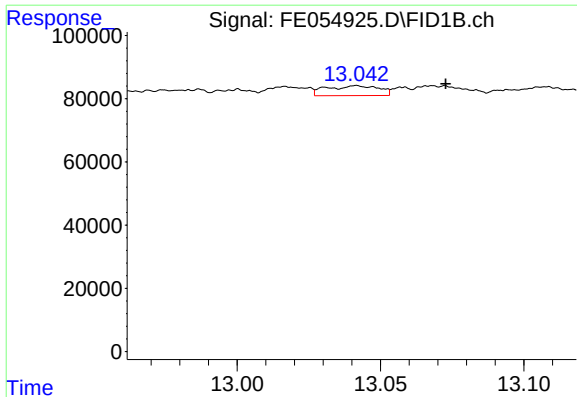
#8 n-Octadecane (C18)

R.T.: 11.784 min
Delta R.T.: 0.026 min
Response: 36884
Conc: 0.25 ug/ml



#9 ortho-Terphenyl (SURR)

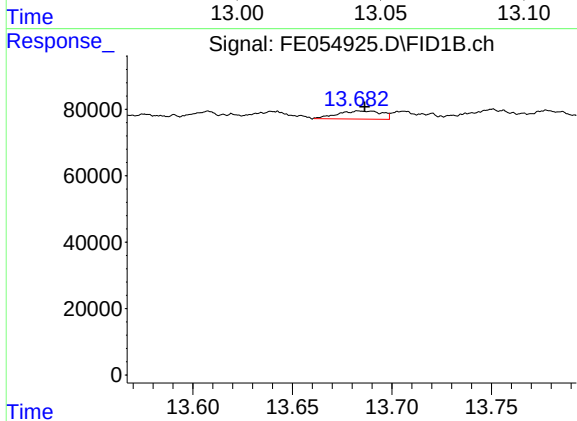
R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 5519565
Conc: 33.99 ug/ml



#10 n-Eicosane (C20)

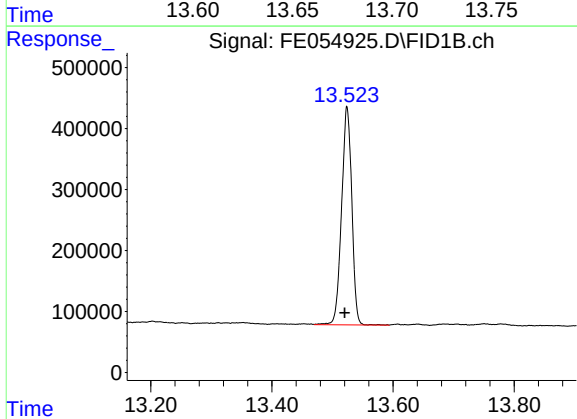
R.T.: 13.042 min
Delta R.T.: -0.030 min
Response: 39844
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
2



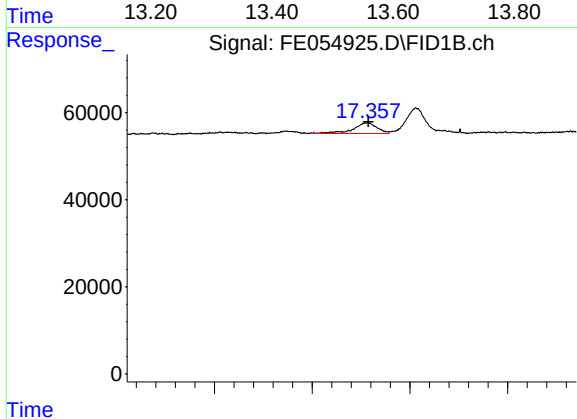
#11 n-Heneicosane (C21)

R.T.: 13.686 min
Delta R.T.: 0.000 min
Response: 37641
Conc: 0.26 ug/ml



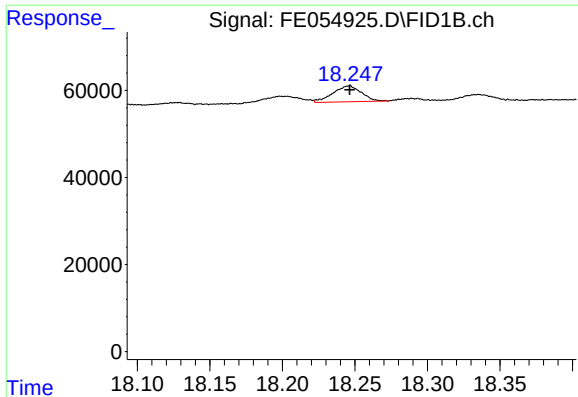
#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4191336
Conc: 33.19 ug/ml



#16 n-Octacosane (C28)

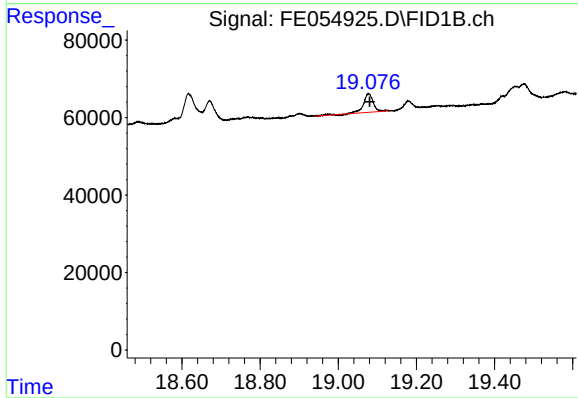
R.T.: 17.356 min
Delta R.T.: -0.001 min
Response: 41118
Conc: 0.28 ug/ml



#17 n-Tricontane (C30)

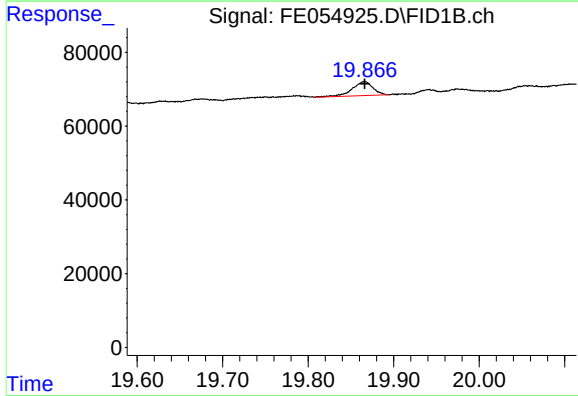
R.T.: 18.246 min
Delta R.T.: 0.000 min
Response: 49972
Conc: 0.32 ug/ml

Instrument :
FID_E
ClientSampleId :
2



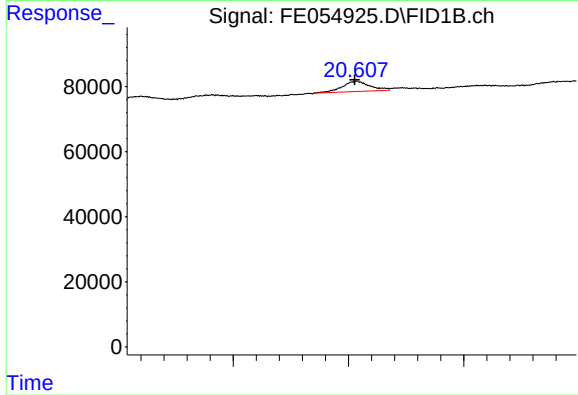
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: -0.003 min
Response: 84998
Conc: 0.53 ug/ml



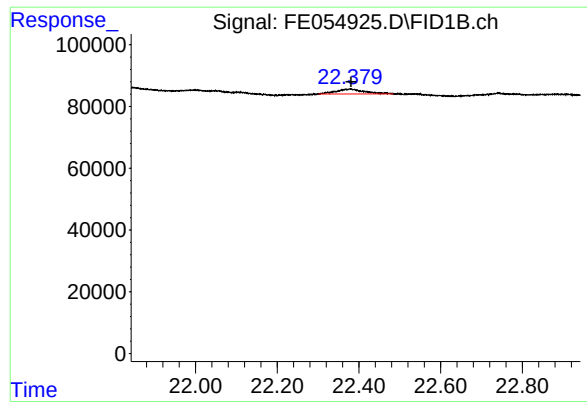
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 63862
Conc: 0.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: 0.001 min
Response: 52506
Conc: 0.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.379 min
Delta R.T.: -0.002 min
Response: 76263
Conc: 0.70 ug/ml

Instrument :

FID_E

ClientSampleId :

2