

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
 Data File : FE054928.D
 Signal(s) : FID1B.ch
 Acq On : 18 Jul 2025 15:56
 Operator : YP\AJ
 Sample : Q2618-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 5

Integration File: autoint1.e
 Quant Time: Jul 18 23:11:16 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	5955040	36.670 ug/ml
Spiked Amount 50.000		Recovery =	73.34%
12) S 1-chlorooctadecane (S...	13.524	4552503	36.047 ug/ml
Spiked Amount 50.000		Recovery =	72.09%
Target Compounds			
6) T n-Tetradecane (C14)	8.694	31007	0.224 ug/ml
8) T n-Octadecane (C18)	11.765	56830	0.388 ug/ml
10) T n-Eicosane (C20)	13.068	46629	0.324 ug/ml
11) T n-Heneicosane (C21)	13.684	48719	0.341 ug/ml
16) T n-Octacosane (C28)	17.355	56834	0.390 ug/ml
17) T n-Tricontane (C30)	18.245	117465	0.745 ug/ml
18) T n-Dotriacontane (C32)	19.079	213498	1.320 ug/ml
19) T n-Tetratriacontane (C34)	19.864	157878	1.036 ug/ml
20) T n-Hexatriacontane (C36)	20.605	158079	1.176 ug/ml
21) T n-Octatriacontane (C38)	21.386	291756	2.488 ug/ml
22) T n-Tetracontane (C40)	22.376	281896	2.601 ug/ml

(f)=RT Delta > 1/2 Window

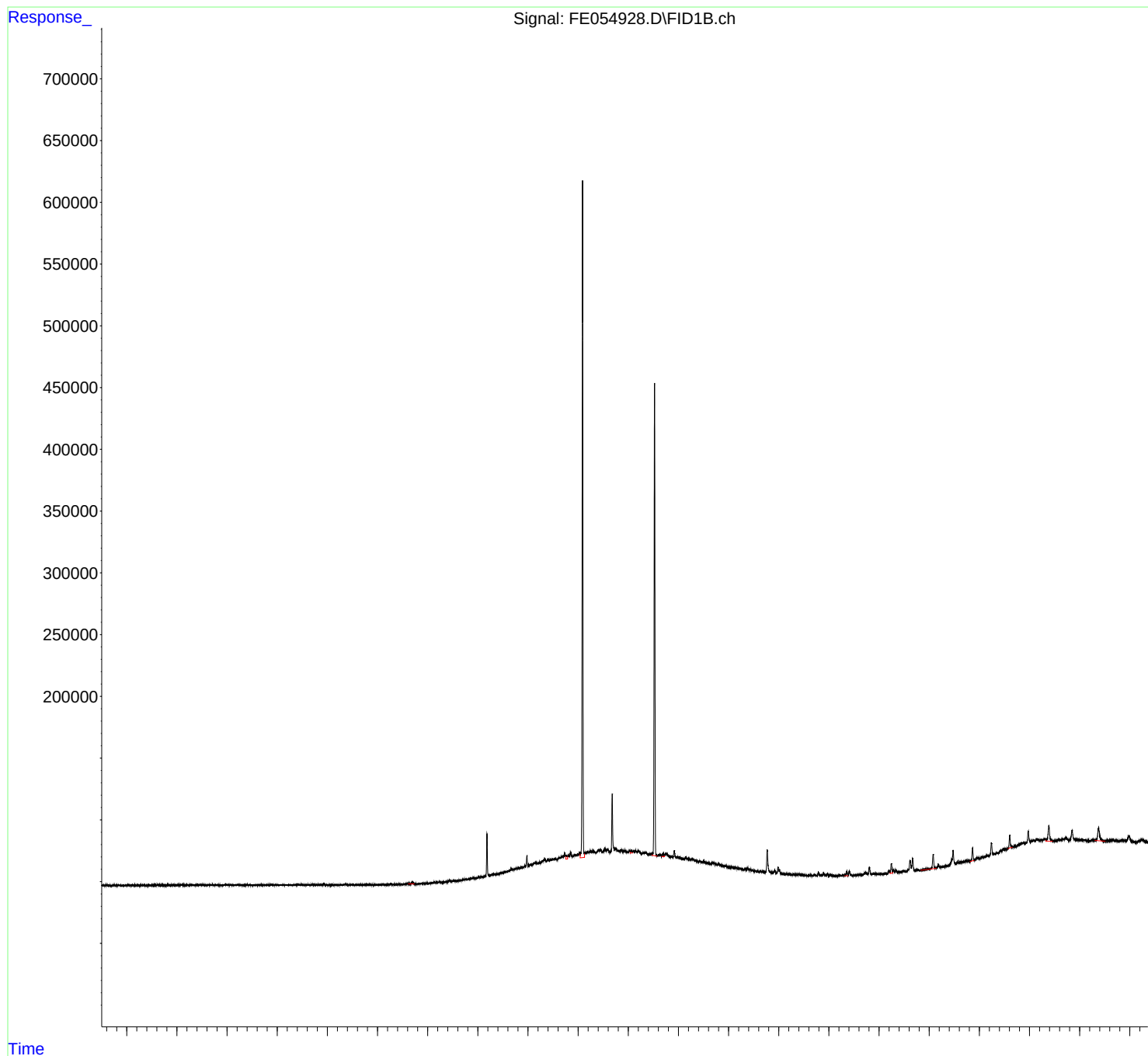
(m)=manual int.

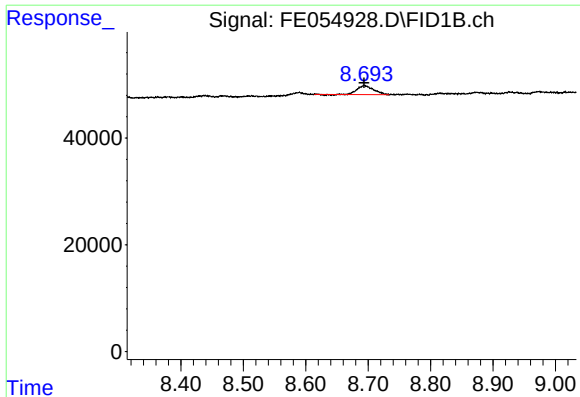
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071825AL\
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Operator : YP\AJ
Sample : Q2618-07
Misc :
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Signal Info : 20M x 0.18mm x 0.18um

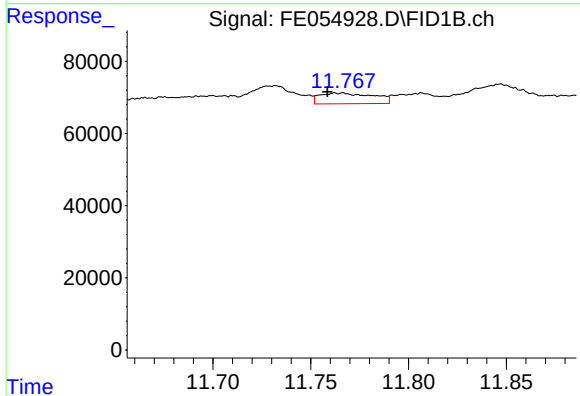




#6 n-Tetradecane (C14)

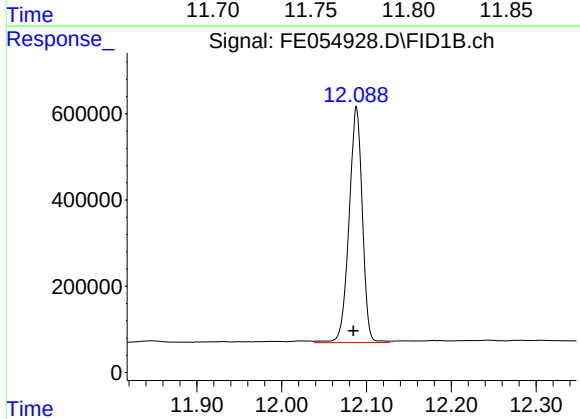
R.T.: 8.694 min
Delta R.T.: 0.000 min
Response: 31007
Conc: 0.22 ug/ml

Instrument :
FID_E
ClientSampleId :
5



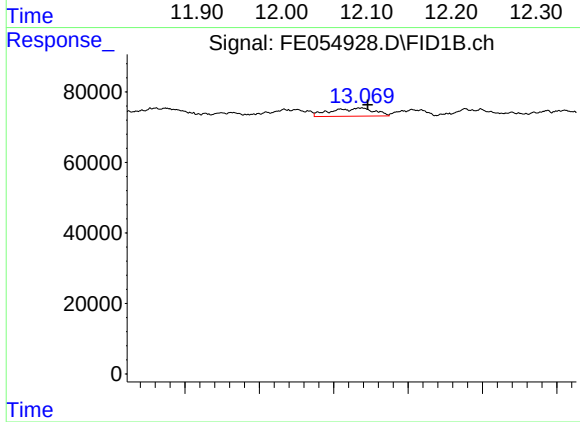
#8 n-Octadecane (C18)

R.T.: 11.765 min
Delta R.T.: 0.006 min
Response: 56830
Conc: 0.39 ug/ml



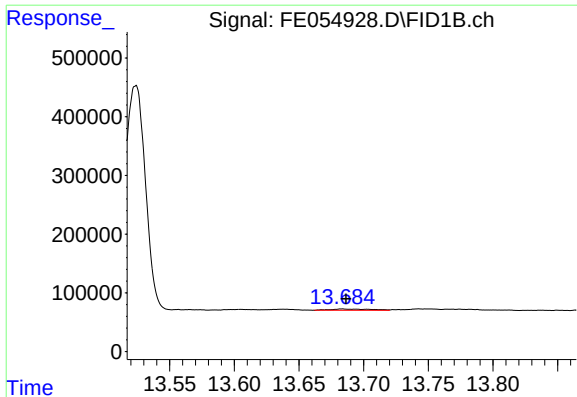
#9 ortho-Terphenyl (SURR)

R.T.: 12.088 min
Delta R.T.: 0.004 min
Response: 5955040
Conc: 36.67 ug/ml



#10 n-Eicosane (C20)

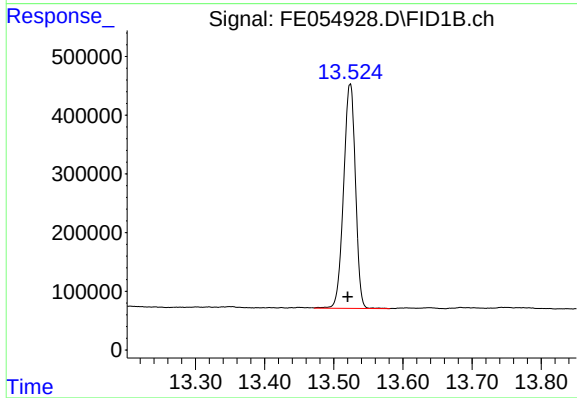
R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 46629
Conc: 0.32 ug/ml



#11 n-Heneicosane (C21)

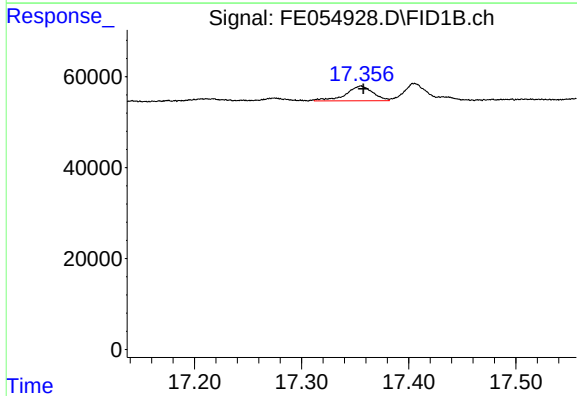
R.T.: 13.684 min
Delta R.T.: -0.002 min
Response: 48719
Conc: 0.34 ug/ml

Instrument :
FID_E
ClientSampleId :
5



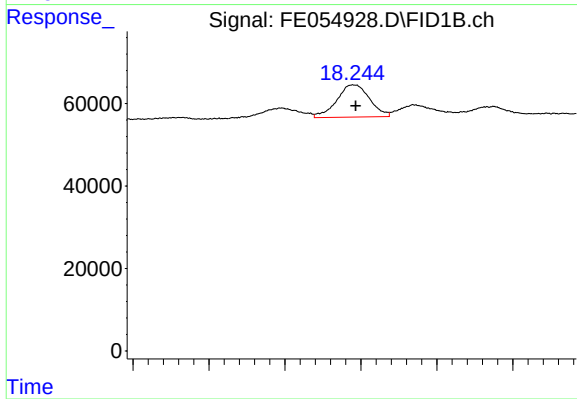
#12 1-chlorooctadecane (SURR)

R.T.: 13.524 min
Delta R.T.: 0.004 min
Response: 4552503
Conc: 36.05 ug/ml



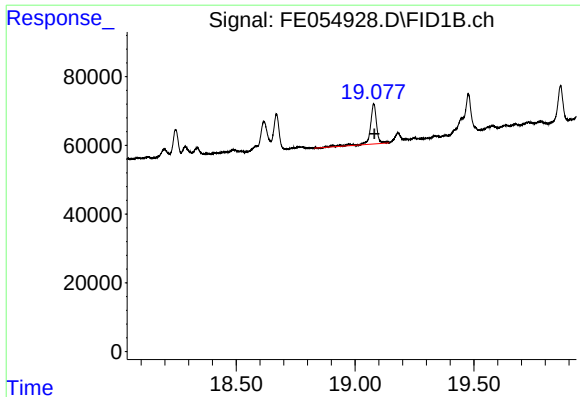
#16 n-Octacosane (C28)

R.T.: 17.355 min
Delta R.T.: -0.002 min
Response: 56834
Conc: 0.39 ug/ml



#17 n-Tricontane (C30)

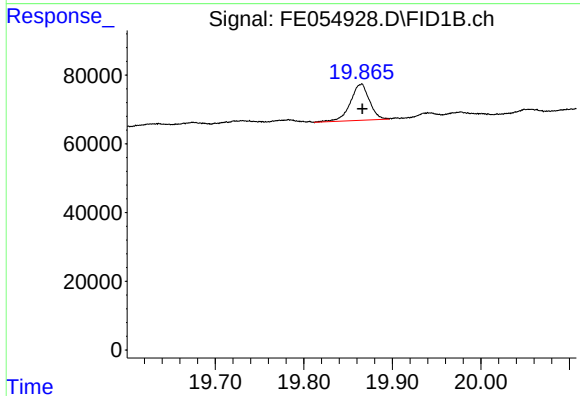
R.T.: 18.245 min
Delta R.T.: -0.001 min
Response: 117465
Conc: 0.75 ug/ml



#18 n-Dotriacontane (C32)

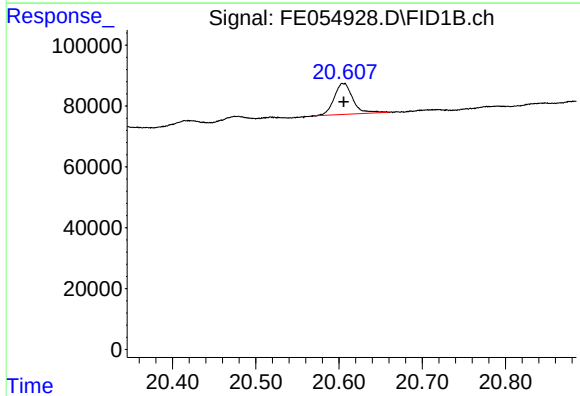
R.T.: 19.079 min
Delta R.T.: -0.002 min
Response: 213498
Conc: 1.32 ug/ml

Instrument :
FID_E
ClientSampleId :
5



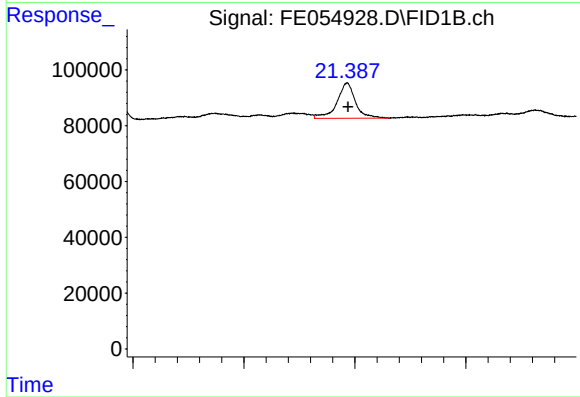
#19 n-Tetratriacontane (C34)

R.T.: 19.864 min
Delta R.T.: -0.002 min
Response: 157878
Conc: 1.04 ug/ml



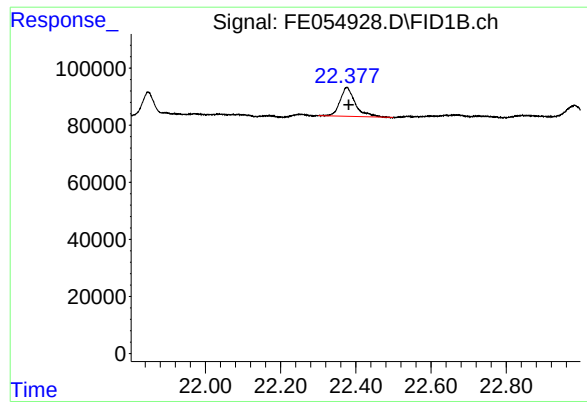
#20 n-Hexatriacontane (C36)

R.T.: 20.605 min
Delta R.T.: 0.000 min
Response: 158079
Conc: 1.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: -0.002 min
Response: 291756
Conc: 2.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.376 min
Delta R.T.: -0.005 min
Response: 281896
Conc: 2.60 ug/ml

Instrument :
FID_E
ClientSampleId :
5