

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070925AL\
 Data File : FE054767.D
 Signal(s) : FID1B.ch
 Acq On : 09 Jul 2025 19:57
 Operator : YP\AJ
 Sample : Q2526-03 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0102

Integration File: autoint1.e
 Quant Time: Jul 10 05:14:15 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)	12.077	1246924	7.678 ug/ml
Spiked Amount 50.000		Recovery =	15.36%
12) S 1-chlorooctadecane (S...	13.516	741774	5.873 ug/ml
Spiked Amount 50.000		Recovery =	11.75%
Target Compounds			
6) T n-Tetradecane (C14)	8.682	32656	0.236 ug/ml
8) T n-Octadecane (C18)	11.751	292061	1.993 ug/ml
10) T n-Eicosane (C20)	13.066	376730	2.620 ug/ml
11) T n-Heneicosane (C21)	13.705	288483	2.020 ug/ml
13) T n-Docosane (C22)	14.289	164952	1.155 ug/ml
15) T n-Hexacosane (C26)	16.460f	40457	0.280 ug/ml
16) T n-Octacosane (C28)	17.349	34077	0.234 ug/ml
17) T n-Tricontane (C30)	18.239	59453	0.377 ug/ml
18) T n-Dotriacontane (C32)	19.070	166048	1.026 ug/ml
19) T n-Tetratriacontane (C34)	19.859	154704	1.015 ug/ml
20) T n-Hexatriacontane (C36)	20.599	47719	0.355 ug/ml

(f)=RT Delta > 1/2 Window

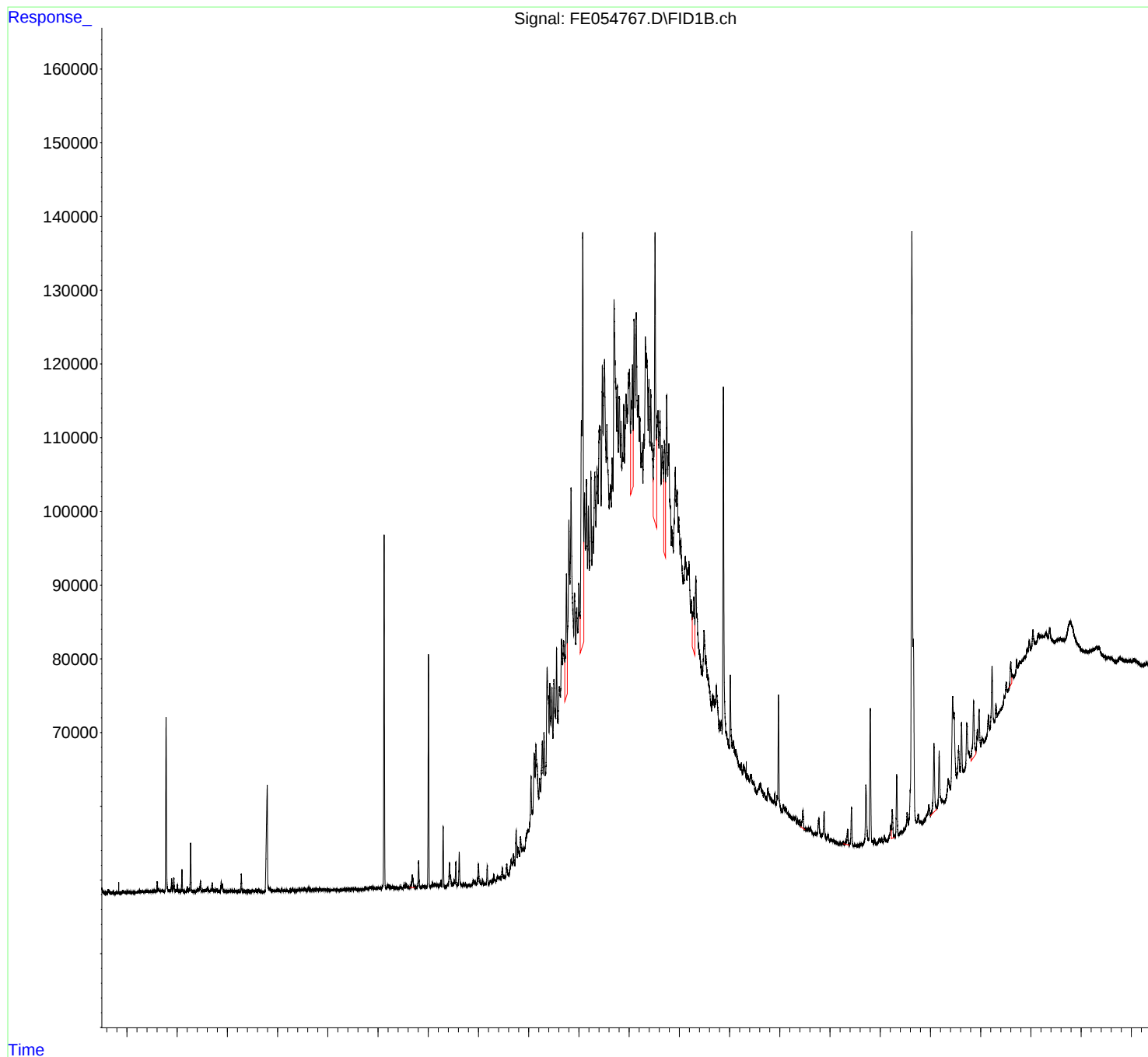
(m)=manual int.

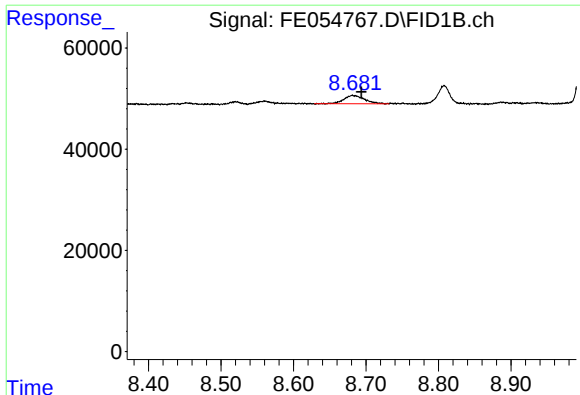
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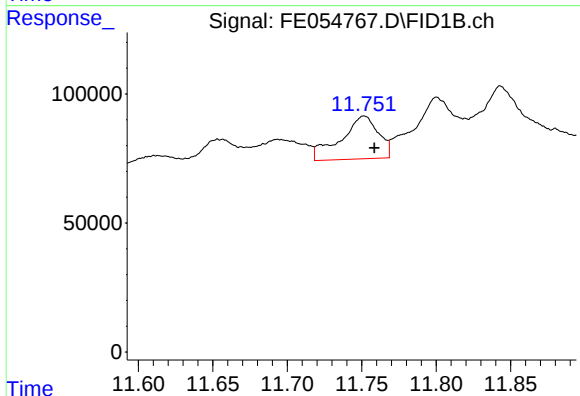




#6 n-Tetradecane (C14)

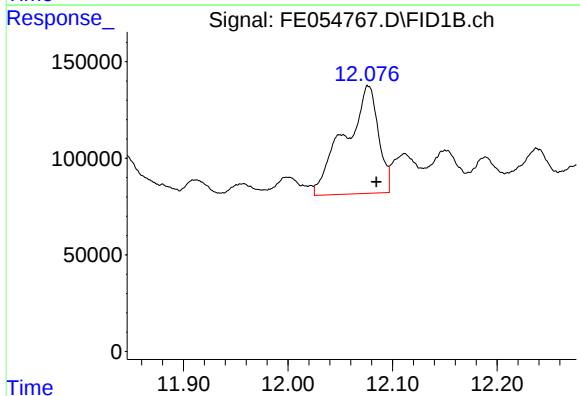
R.T.: 8.682 min
Delta R.T.: -0.011 min
Response: 32656
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0102



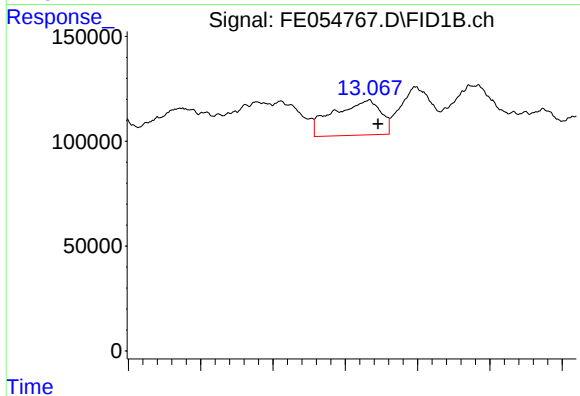
#8 n-Octadecane (C18)

R.T.: 11.751 min
Delta R.T.: -0.007 min
Response: 292061
Conc: 1.99 ug/ml



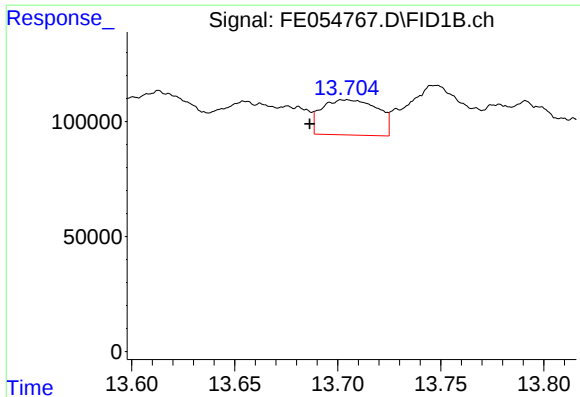
#9 ortho-Terphenyl (SURR)

R.T.: 12.077 min
Delta R.T.: -0.008 min
Response: 1246924
Conc: 7.68 ug/ml



#10 n-Eicosane (C20)

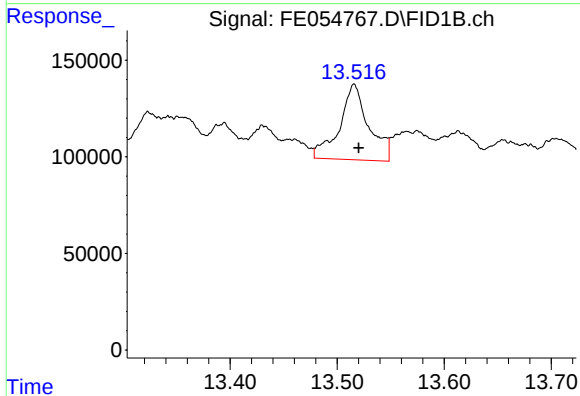
R.T.: 13.066 min
Delta R.T.: -0.007 min
Response: 376730
Conc: 2.62 ug/ml



#11 n-Heneicosane (C21)

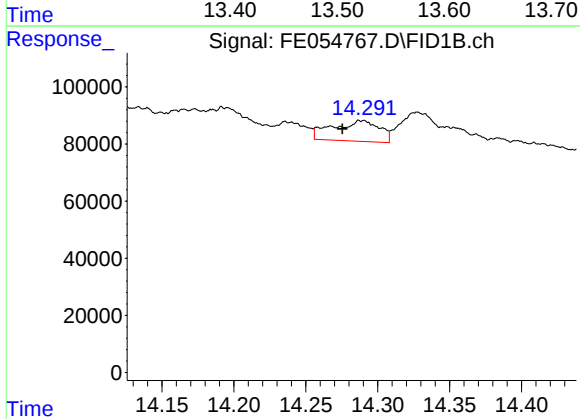
R.T.: 13.705 min
Delta R.T.: 0.019 min
Response: 288483
Conc: 2.02 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0102



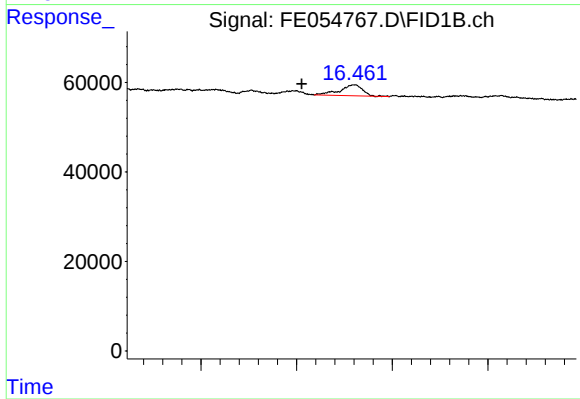
#12 1-chlorooctadecane (SURR)

R.T.: 13.516 min
Delta R.T.: -0.004 min
Response: 741774
Conc: 5.87 ug/ml



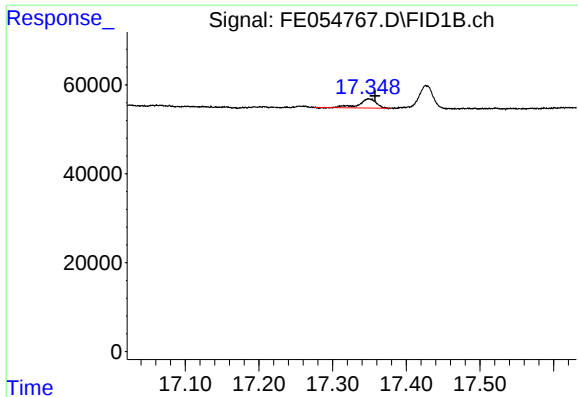
#13 n-Docosane (C22)

R.T.: 14.289 min
Delta R.T.: 0.014 min
Response: 164952
Conc: 1.16 ug/ml



#15 n-Hexacosane (C26)

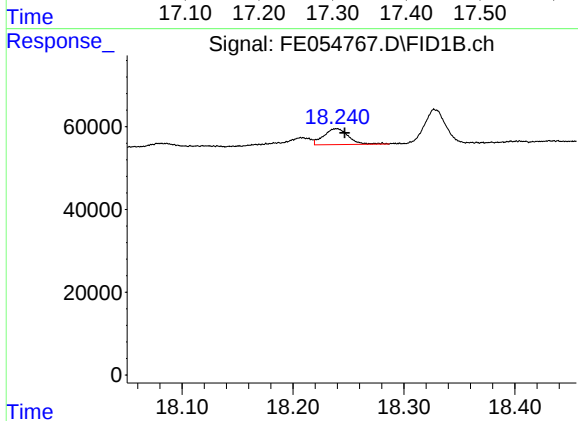
R.T.: 16.460 min
Delta R.T.: 0.055 min
Response: 40457
Conc: 0.28 ug/ml



#16 n-Octacosane (C28)

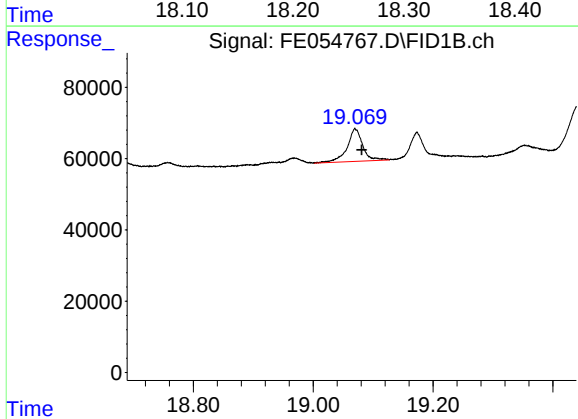
R.T.: 17.349 min
Delta R.T.: -0.008 min
Response: 34077
Conc: 0.23 ug/ml

Instrument :
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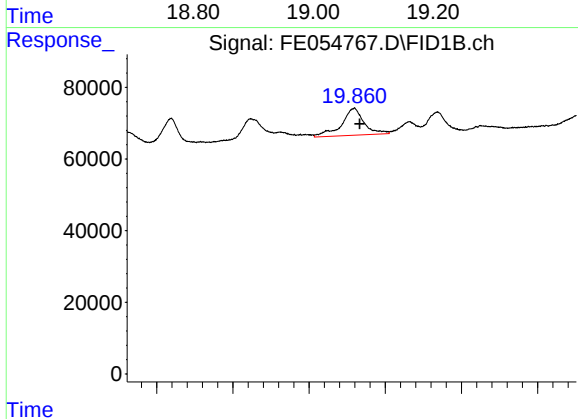
#17 n-Tricontane (C30)

R.T.: 18.239 min
Delta R.T.: -0.007 min
Response: 59453
Conc: 0.38 ug/ml



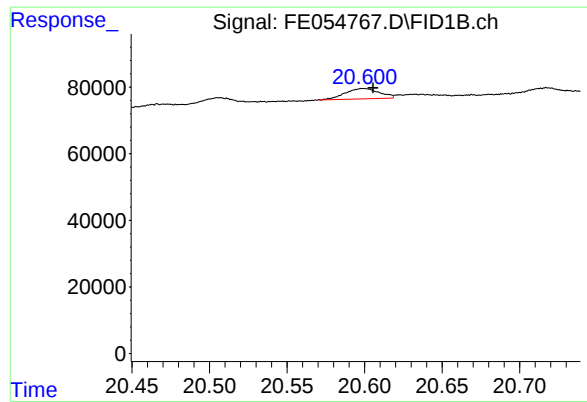
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: -0.010 min
Response: 166048
Conc: 1.03 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.859 min
Delta R.T.: -0.008 min
Response: 154704
Conc: 1.02 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.599 min
Delta R.T.: -0.006 min
Response: 47719
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0102