

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070125AL\
 Data File : FE054649.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2025 09:39
 Operator : YP\AJ
 Sample : Q2447-04DL 100X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 COMP-2DL

Integration File: autoint1.e
 Quant Time: Jul 02 02:20:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 27 15:19:13 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)	12.072	365355	2.250 ug/ml
Spiked Amount 50.000		Recovery =	4.50%
12) S 1-chlorooctadecane (S...	13.508	142984	1.132 ug/ml
Spiked Amount 50.000		Recovery =	2.26%
Target Compounds			
6) T n-Tetradecane (C14)	8.680	61104	0.441 ug/ml
7) T n-Hexadecane (C16)	10.310	77582	0.544 ug/ml
8) T n-Octadecane (C18)	11.687	177432	1.211 ug/ml
10) T n-Eicosane (C20)	13.065	56973	0.396 ug/ml
11) T n-Heneicosane (C21)	13.729f	172651	1.209 ug/ml
17) T n-Tricontane (C30)	18.233	45060	0.286 ug/ml
18) T n-Dotriacontane (C32)	19.066	104678	0.647 ug/ml
19) T n-Tetratriacontane (C34)	19.850	173226	1.137 ug/ml
20) T n-Hexatriacontane (C36)	20.592	102366	0.761 ug/ml
21) T n-Octatriacontane (C38)	21.365	71364	0.608 ug/ml

(f)=RT Delta > 1/2 Window

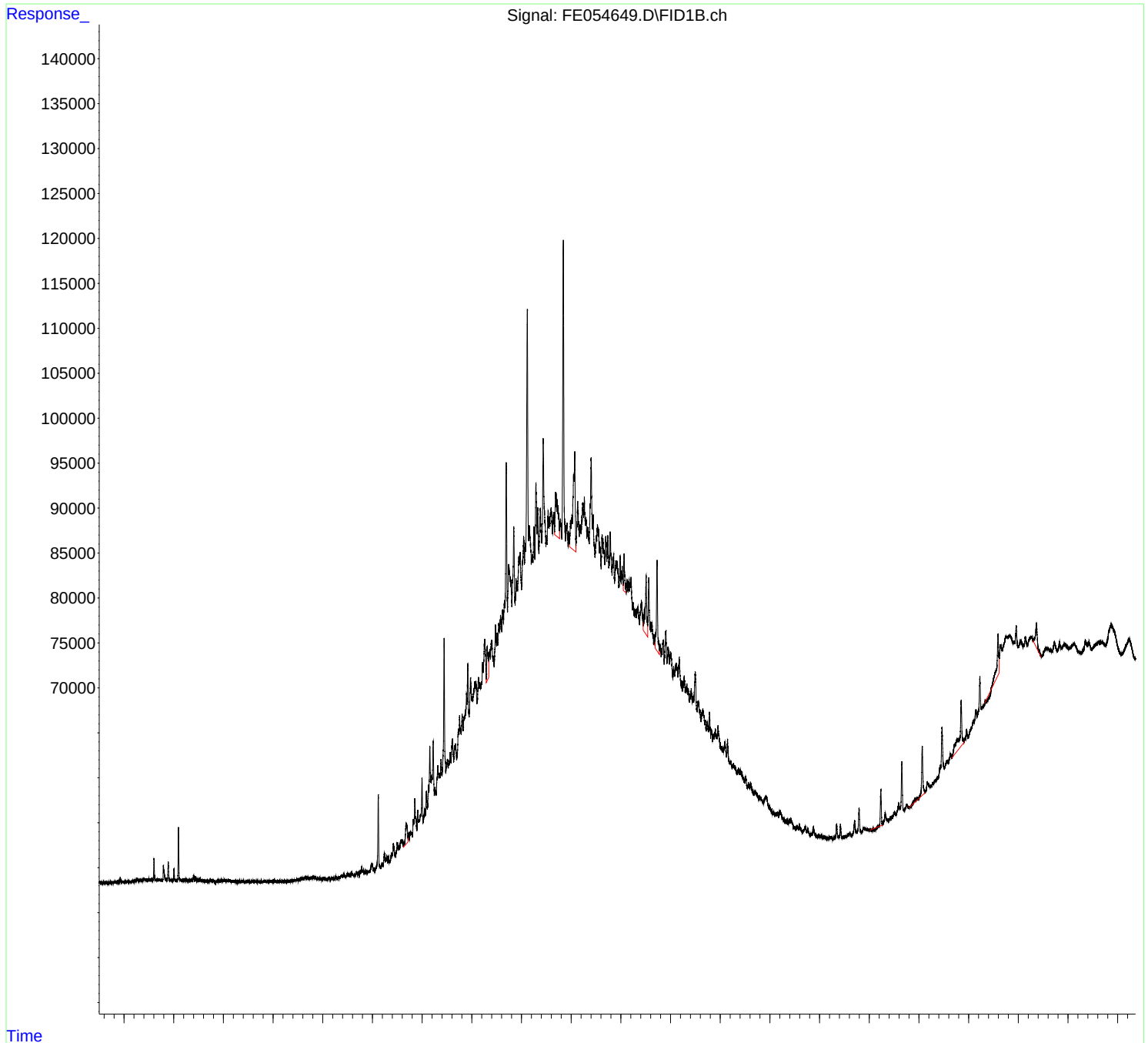
(m)=manual int.

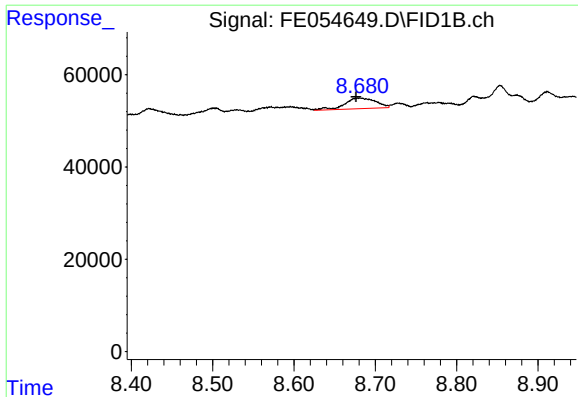
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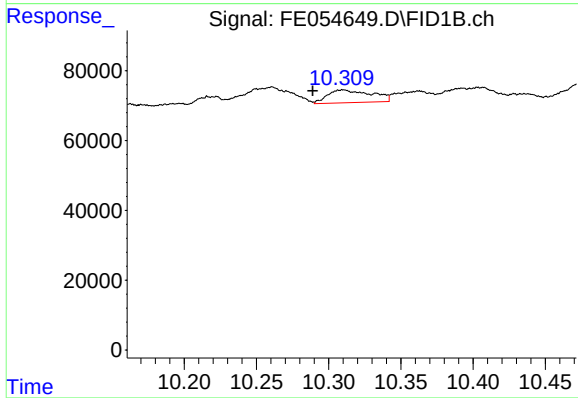




#6 n-Tetradecane (C14)

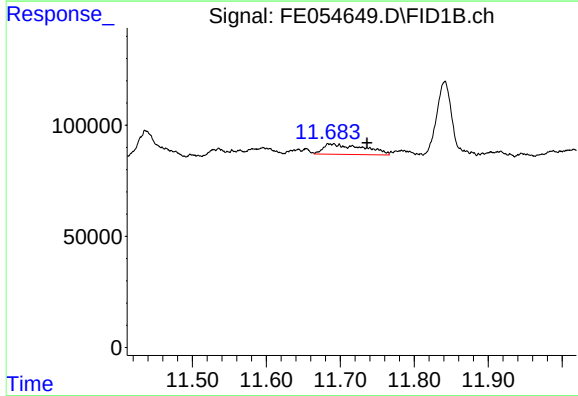
R.T.: 8.680 min
Delta R.T.: 0.004 min
Response: 61104
Conc: 0.44 ug/ml

Instrument :
FID_E
ClientSampleId :
COMP-2DL



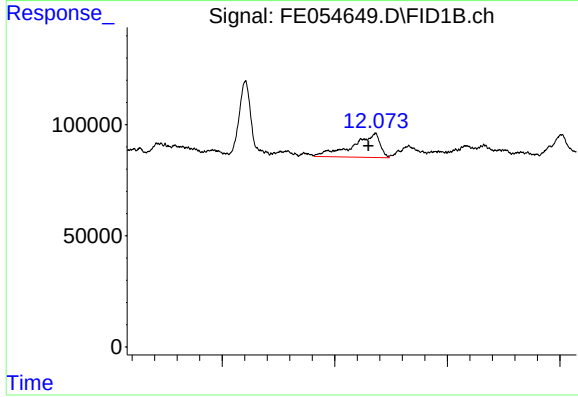
#7 n-Hexadecane (C16)

R.T.: 10.310 min
Delta R.T.: 0.021 min
Response: 77582
Conc: 0.54 ug/ml



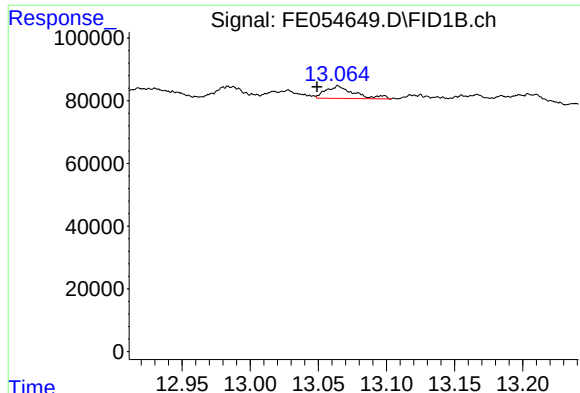
#8 n-Octadecane (C18)

R.T.: 11.687 min
Delta R.T.: -0.049 min
Response: 177432
Conc: 1.21 ug/ml



#9 ortho-Terphenyl (SURR)

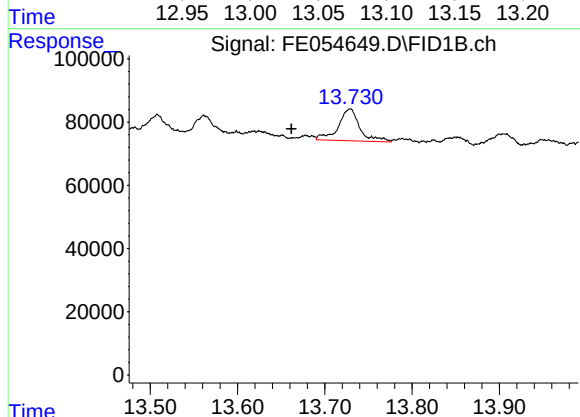
R.T.: 12.072 min
Delta R.T.: 0.012 min
Response: 365355
Conc: 2.25 ug/ml



#10 n-Eicosane (C20)

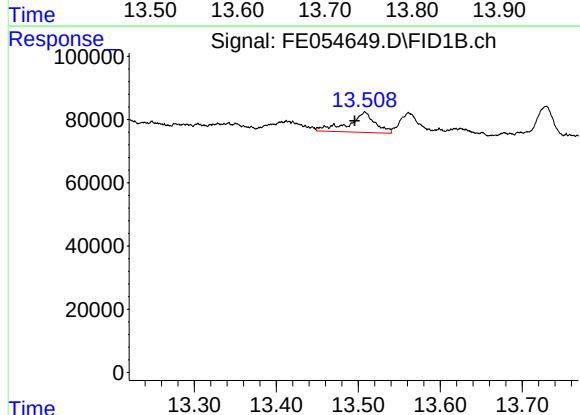
R.T.: 13.065 min
Delta R.T.: 0.015 min
Response: 56973
Conc: 0.40 ug/ml

Instrument :
FID_E
ClientSampleId :
COMP-2DL



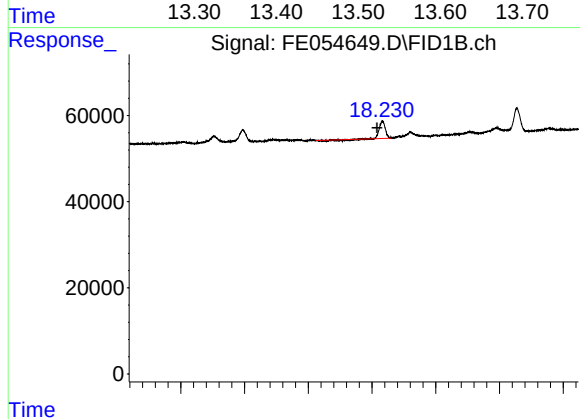
#11 n-Heneicosane (C21)

R.T.: 13.729 min
Delta R.T.: 0.067 min
Response: 172651
Conc: 1.21 ug/ml



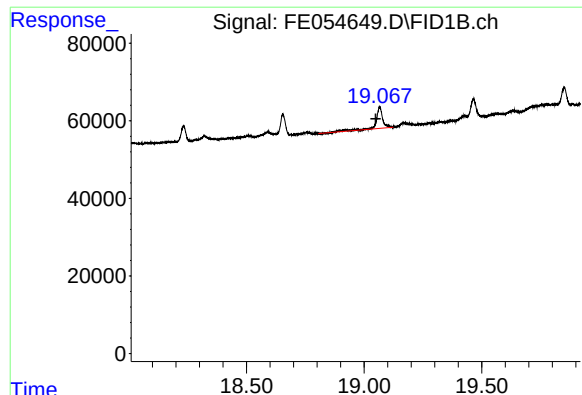
#12 1-chlorooctadecane (SURR)

R.T.: 13.508 min
Delta R.T.: 0.012 min
Response: 142984
Conc: 1.13 ug/ml



#17 n-Tricontane (C30)

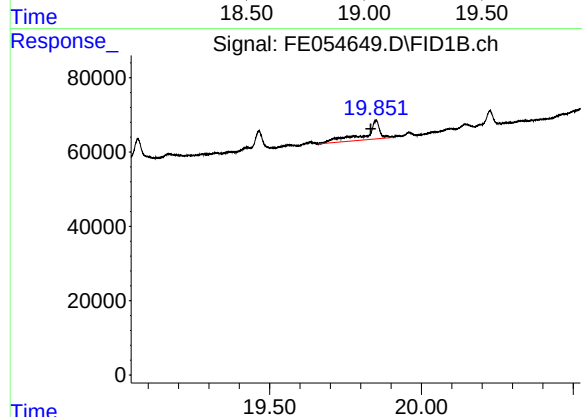
R.T.: 18.233 min
Delta R.T.: 0.017 min
Response: 45060
Conc: 0.29 ug/ml



#18 n-Dotriacontane (C32)

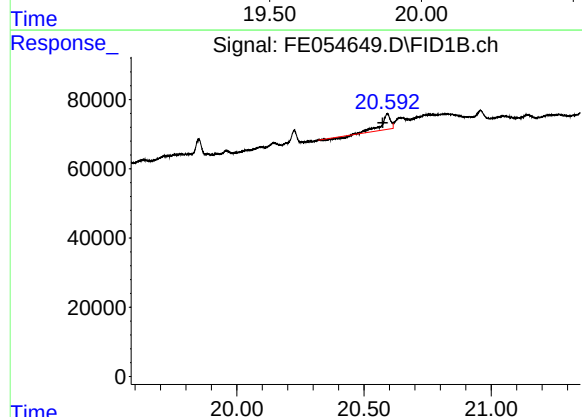
R.T.: 19.066 min
Delta R.T.: 0.017 min
Response: 104678
Conc: 0.65 ug/ml

Instrument :
FID_E
ClientSampleId :
COMP-2DL



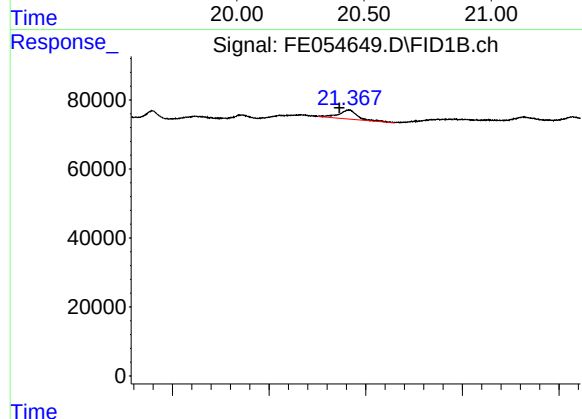
#19 n-Tetratriacontane (C34)

R.T.: 19.850 min
Delta R.T.: 0.017 min
Response: 173226
Conc: 1.14 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.592 min
Delta R.T.: 0.019 min
Response: 102366
Conc: 0.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.365 min
Delta R.T.: 0.019 min
Response: 71364
Conc: 0.61 ug/ml