

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071025AL\
 Data File : FE054777.D
 Signal(s) : FID1B.ch
 Acq On : 10 Jul 2025 11:05
 Operator : YP\AJ
 Sample : Q2523-01DL 200X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-25-0190DL

Integration File: autoint1.e
 Quant Time: Jul 11 05:14:34 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)	12.049	938766	5.781 ug/ml
Spiked Amount 50.000		Recovery =	11.56%
12) S 1-chlorooctadecane (S...	13.522	93467	0.740 ug/ml
Spiked Amount 50.000		Recovery =	1.48%
Target Compounds			
6) T n-Tetradecane (C14)	8.684	33714	0.243 ug/ml
7) T n-Hexadecane (C16)	10.306	99091	0.695 ug/ml
8) T n-Octadecane (C18)	11.749	515743	3.519 ug/ml
10) T n-Eicosane (C20)	13.068	299007	2.079 ug/ml
11) T n-Heneicosane (C21)	13.688	70721	0.495 ug/ml
13) T n-Docosane (C22)	14.329f	49573	0.347 ug/ml
17) T n-Tricontane (C30)	18.237	44488	0.282 ug/ml
18) T n-Dotriacontane (C32)	19.070	60436	0.374 ug/ml
19) T n-Tetratriacontane (C34)	19.857	29259	0.192 ug/ml
20) T n-Hexatriacontane (C36)	20.598	101076	0.752 ug/ml
21) T n-Octatriacontane (C38)	21.377	127054	1.083 ug/ml

(f)=RT Delta > 1/2 Window

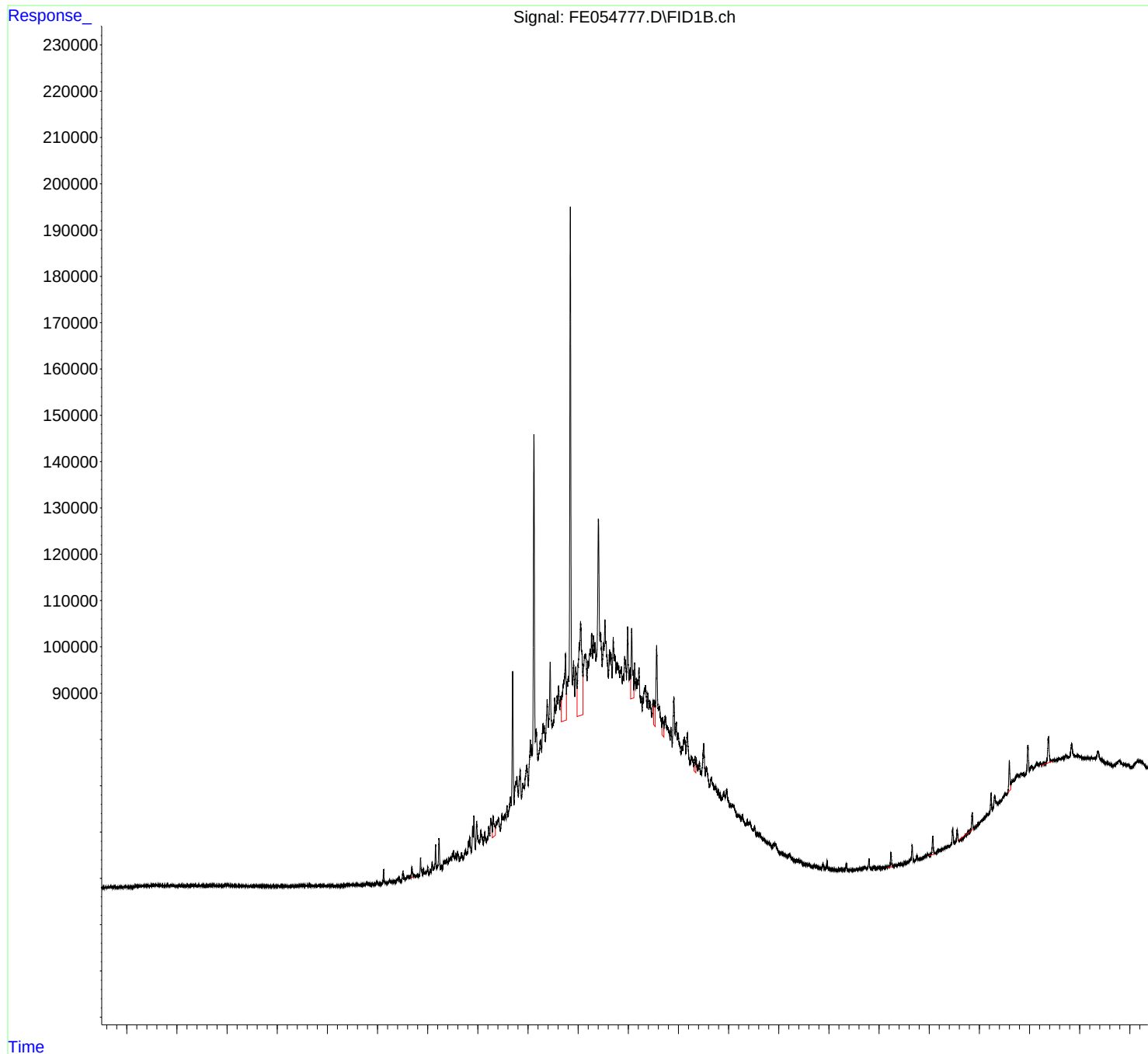
(m)=manual int.

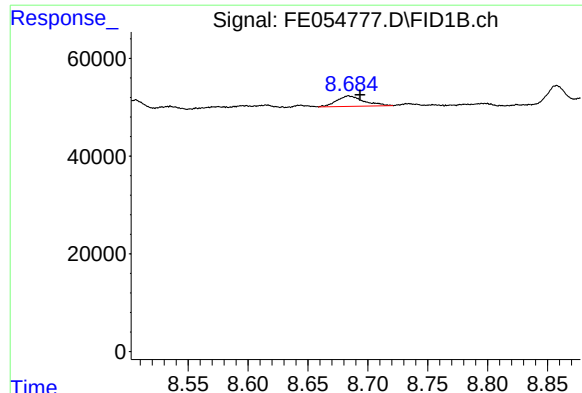
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

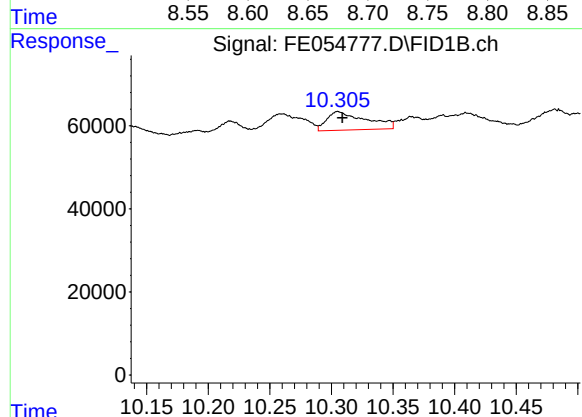




#6 n-Tetradecane (C14)

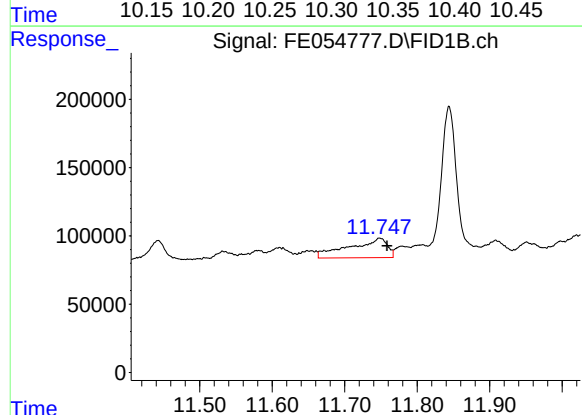
R.T.: 8.684 min
Delta R.T.: -0.009 min
Response: 33714
Conc: 0.24 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0190DL



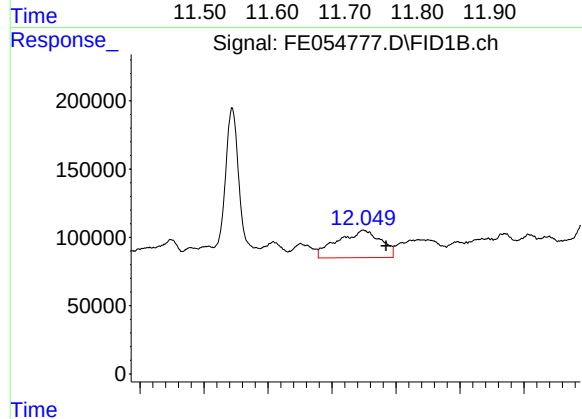
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: -0.003 min
Response: 99091
Conc: 0.70 ug/ml



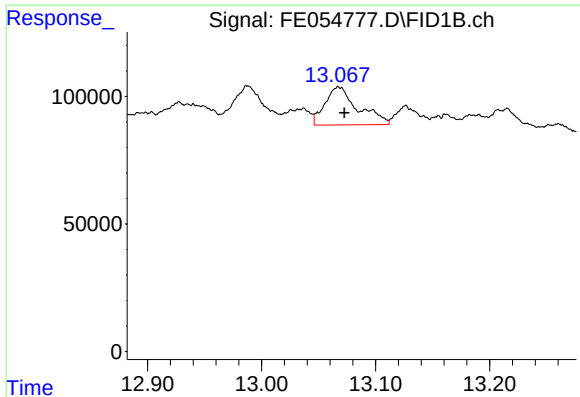
#8 n-Octadecane (C18)

R.T.: 11.749 min
Delta R.T.: -0.010 min
Response: 515743
Conc: 3.52 ug/ml



#9 ortho-Terphenyl (SURRE)

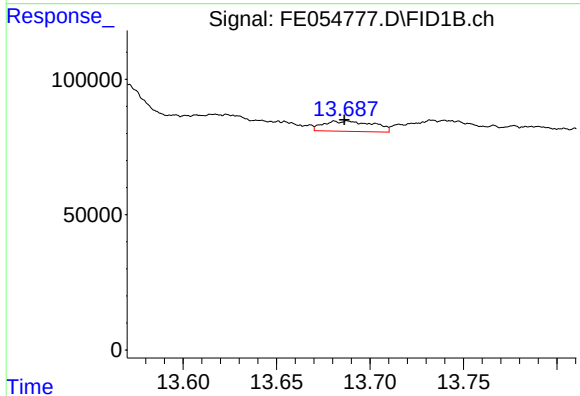
R.T.: 12.049 min
Delta R.T.: -0.036 min
Response: 938766
Conc: 5.78 ug/ml



#10 n-Eicosane (C20)

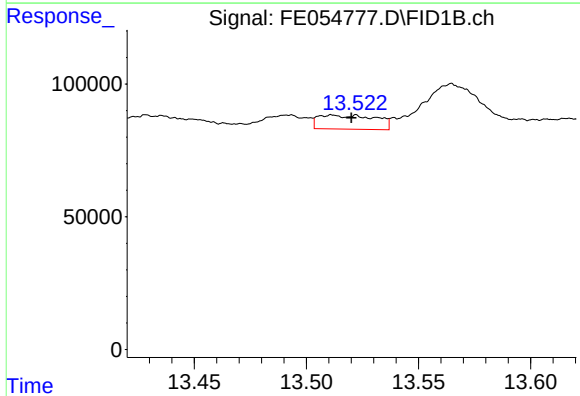
R.T.: 13.068 min
Delta R.T.: -0.005 min
Response: 299007
Conc: 2.08 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0190DL



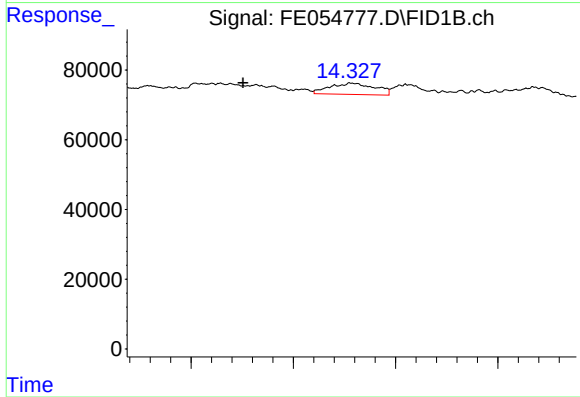
#11 n-Heneicosane (C21)

R.T.: 13.688 min
Delta R.T.: 0.001 min
Response: 70721
Conc: 0.50 ug/ml



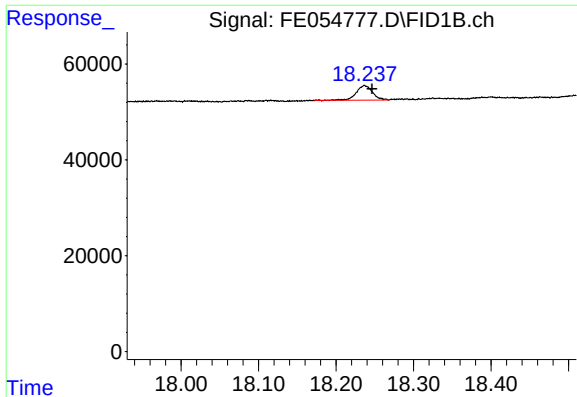
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.001 min
Response: 93467
Conc: 0.74 ug/ml



#13 n-Docosane (C22)

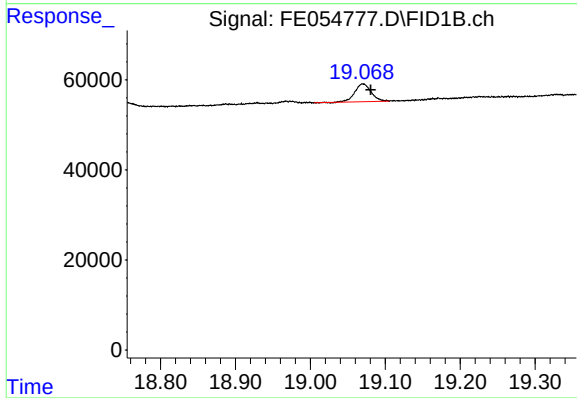
R.T.: 14.329 min
Delta R.T.: 0.054 min
Response: 49573
Conc: 0.35 ug/ml



#17 n-Tricontane (C30)

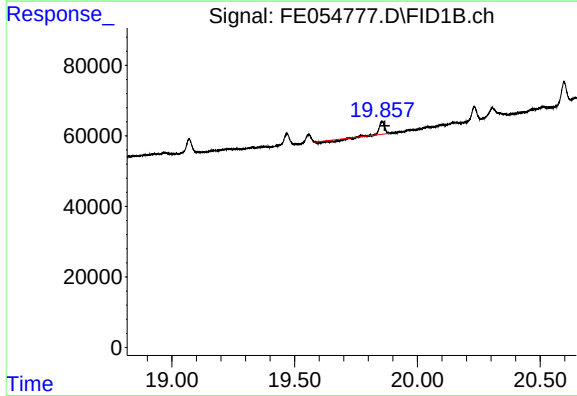
R.T.: 18.237 min
Delta R.T.: -0.009 min
Response: 44488
Conc: 0.28 ug/ml

Instrument :
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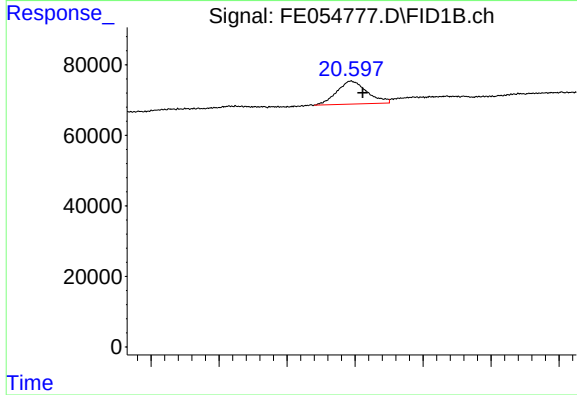
#18 n-Dotriacontane (C32)

R.T.: 19.070 min
Delta R.T.: -0.010 min
Response: 60436
Conc: 0.37 ug/ml



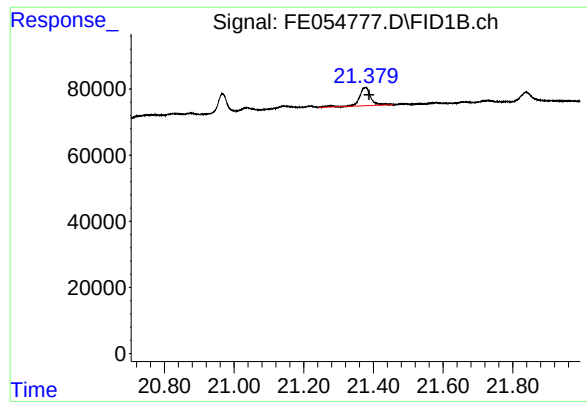
#19 n-Tetratriacontane (C34)

R.T.: 19.857 min
Delta R.T.: -0.010 min
Response: 29259
Conc: 0.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.598 min
Delta R.T.: -0.008 min
Response: 101076
Conc: 0.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.377 min
Delta R.T.: -0.011 min
Response: 127054
Conc: 1.08 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0190DL