

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032725AL\
 Data File : FE053023.D
 Signal(s) : FID1B.ch
 Acq On : 27 Mar 2025 17:52
 Operator : YP\AJ
 Sample : Q1656-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 28 01:19:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.892	40730494	241.600 ug/ml
Spiked Amount 50.000		Recovery =	483.20%
12) S 1-chlorooctadecane (S...	13.319	59877294	493.117 ug/ml
Spiked Amount 50.000		Recovery =	986.23%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.265	369633	2.180 ug/ml
4) T n-Dodecane (C12)	6.687	291894	1.875 ug/ml
5) T A~2-methylnaphthalene...	7.321	2265048	13.977 ug/ml
6) T n-Tetradecane (C14)	8.536	10376844	68.580 ug/ml
7) T n-Hexadecane (C16)	10.122	43708390	285.886 ug/ml
8) T n-Octadecane (C18)	11.597	143867861	945.621 ug/ml
10) T n-Eicosane (C20)	12.911	52209107	359.631 ug/ml
11) T n-Heneicosane (C21)	13.498	67945110	477.381 ug/ml
13) T n-Docosane (C22)	14.056f	178559463	1254.727 ug/ml
14) T n-Tetracosane (C24)	15.221	16836115	117.646 ug/ml
16) T n-Octacosane (C28)	17.231	2547846	17.918 ug/ml
17) T n-Tricontane (C30)	18.072	753218	5.100 ug/ml
18) T n-Dotriacontane (C32)	18.904	261382	1.800 ug/ml
19) T n-Tetratriacontane (C34)	19.717	259786	1.927 ug/ml

(f)=RT Delta > 1/2 Window

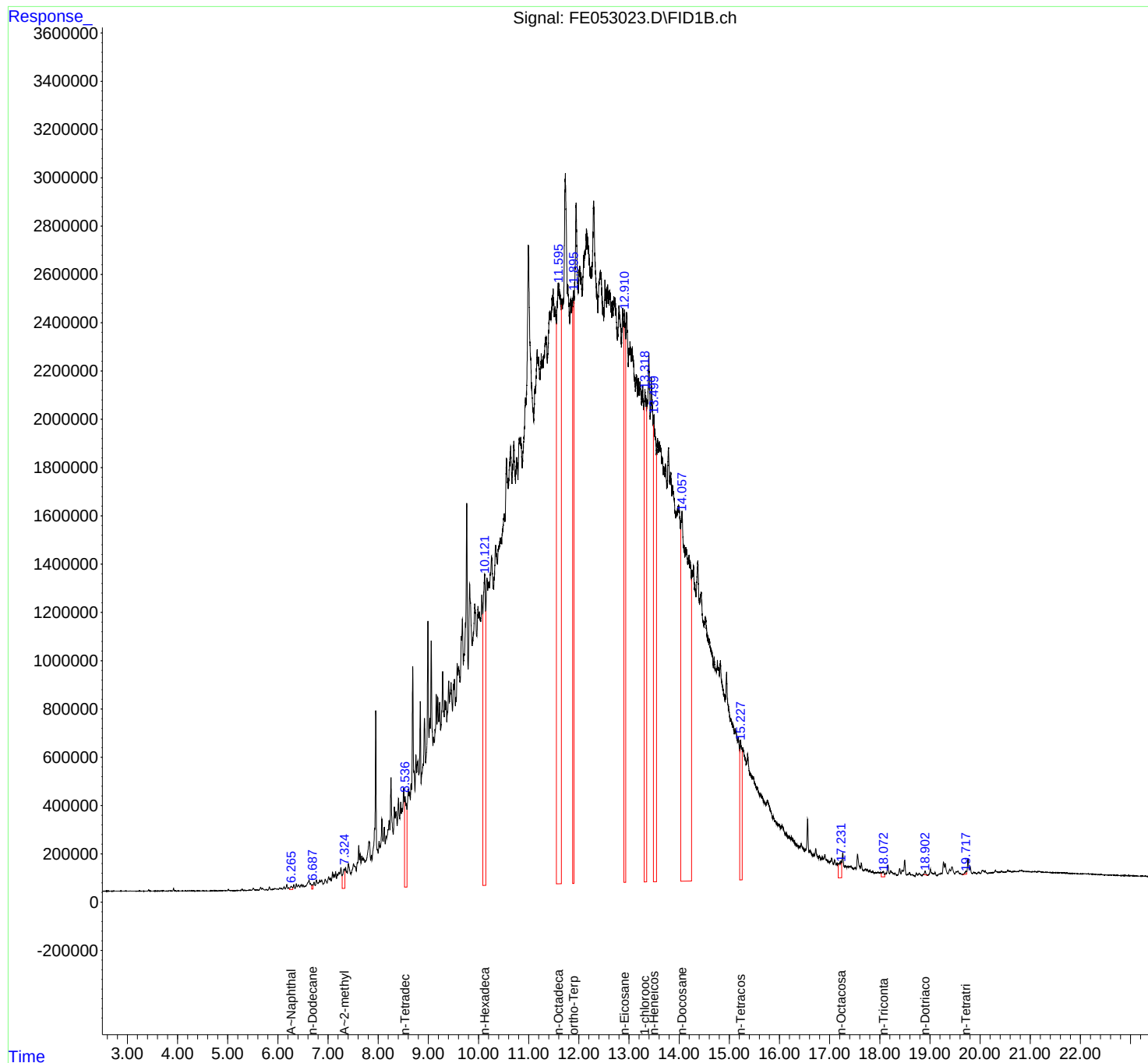
(m)=manual int.

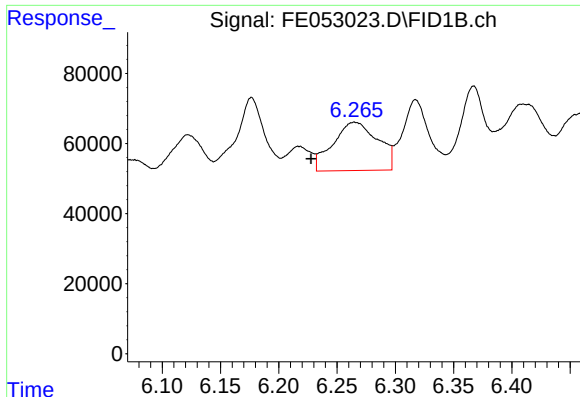
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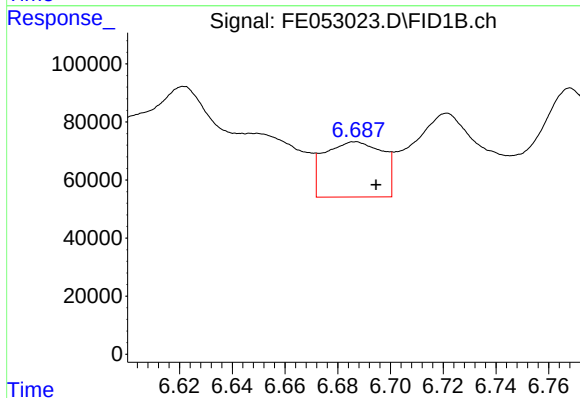




#3 A~Naphthalene (C11.7)

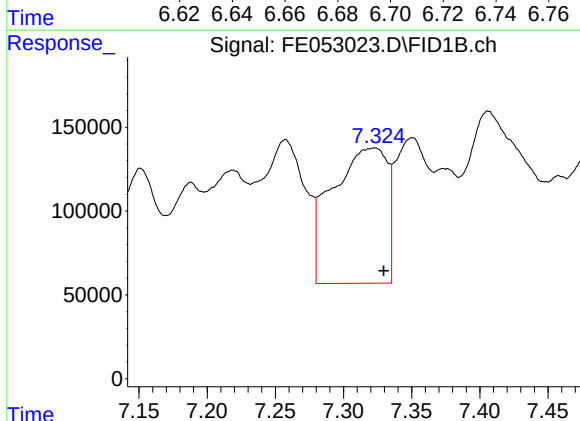
R.T.: 6.265 min
Delta R.T.: 0.037 min
Response: 369633
Conc: 2.18 ug/ml

Instrument :
FID_E
ClientSampleId :



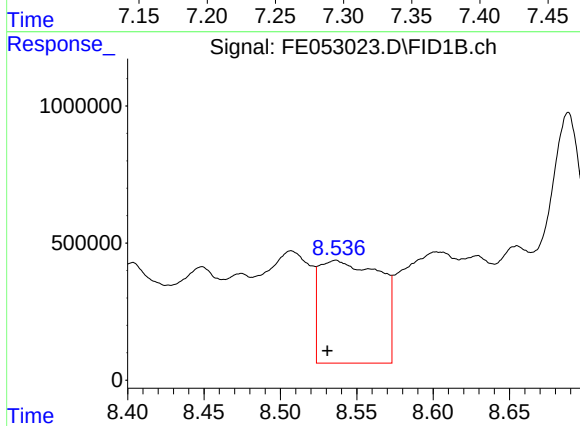
#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: -0.008 min
Response: 291894
Conc: 1.87 ug/ml



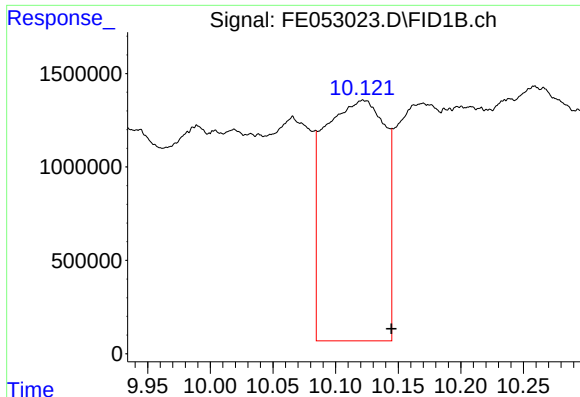
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.321 min
Delta R.T.: -0.008 min
Response: 2265048
Conc: 13.98 ug/ml



#6 n-Tetradecane (C14)

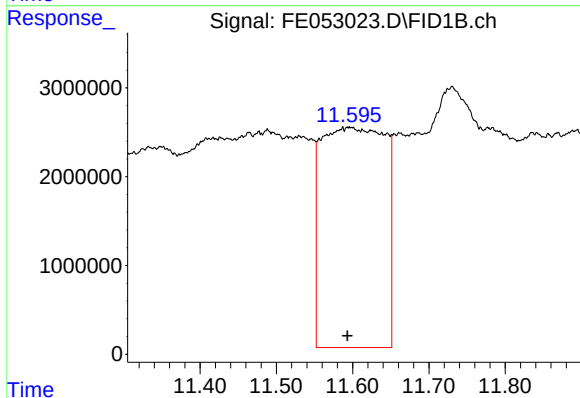
R.T.: 8.536 min
Delta R.T.: 0.005 min
Response: 10376844
Conc: 68.58 ug/ml



#7 n-Hexadecane (C16)

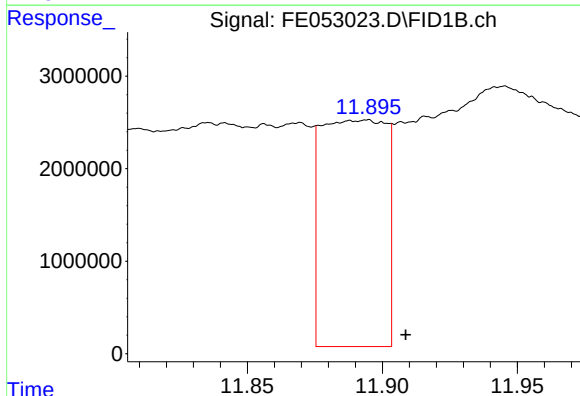
R.T.: 10.122 min
Delta R.T.: -0.023 min
Response: 43708390
Conc: 285.89 ug/ml

Instrument :
FID_E
ClientSampleId :



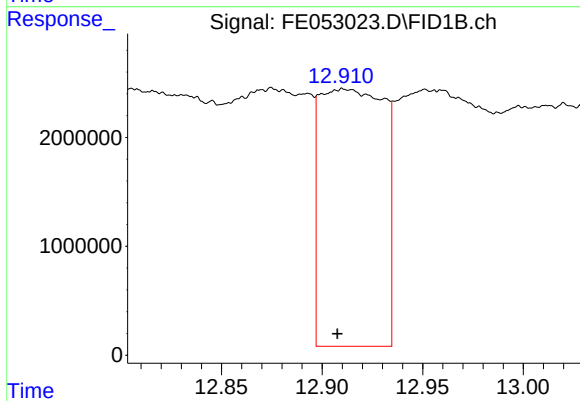
#8 n-Octadecane (C18)

R.T.: 11.597 min
Delta R.T.: 0.004 min
Response: 143867861
Conc: 945.62 ug/ml



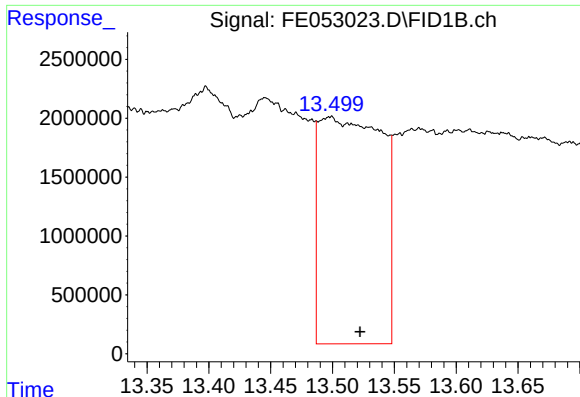
#9 ortho-Terphenyl (SURR)

R.T.: 11.892 min
Delta R.T.: -0.016 min
Response: 40730494
Conc: 241.60 ug/ml



#10 n-Eicosane (C20)

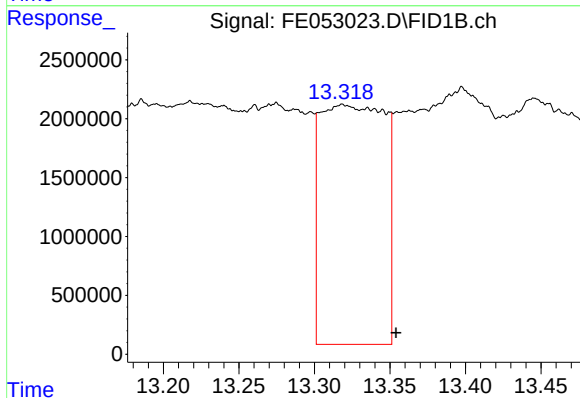
R.T.: 12.911 min
Delta R.T.: 0.004 min
Response: 52209107
Conc: 359.63 ug/ml



#11 n-Heneicosane (C21)

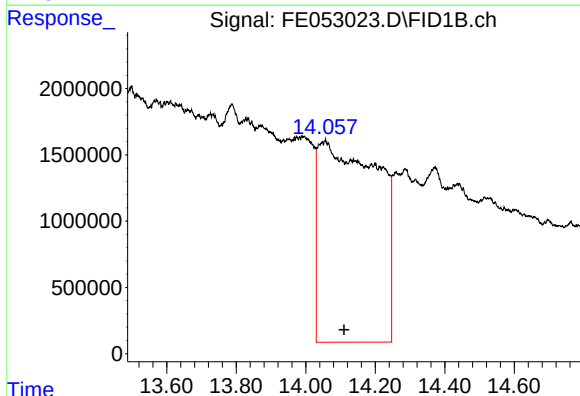
R.T.: 13.498 min
Delta R.T.: -0.025 min
Response: 67945110
Conc: 477.38 ug/ml

Instrument :
FID_E
ClientSampleId :



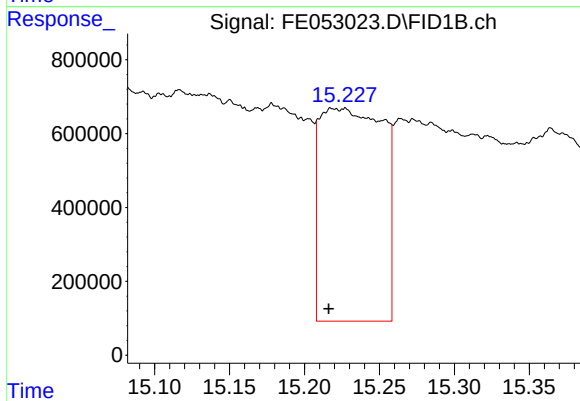
#12 1-chlorooctadecane (SURR)

R.T.: 13.319 min
Delta R.T.: -0.035 min
Response: 59877294
Conc: 493.12 ug/ml



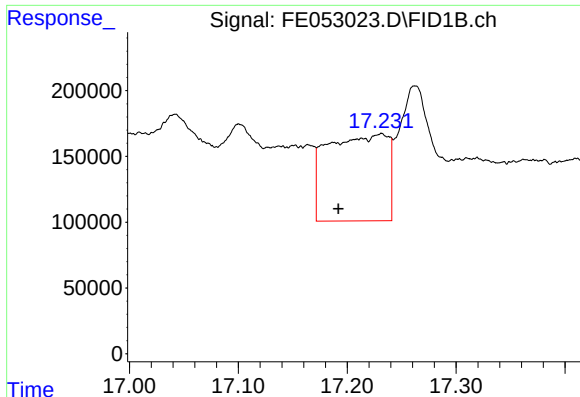
#13 n-Docosane (C22)

R.T.: 14.056 min
Delta R.T.: -0.054 min
Response: 178559463
Conc: 1254.73 ug/ml



#14 n-Tetracosane (C24)

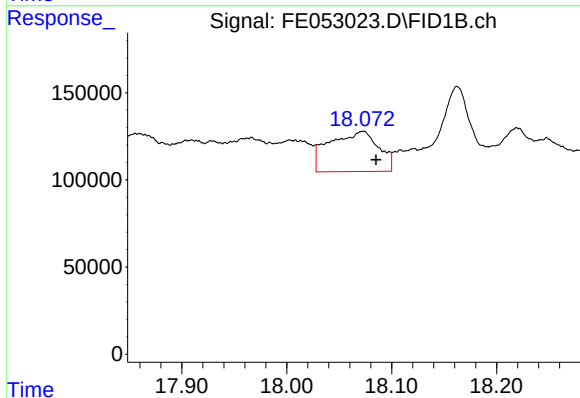
R.T.: 15.221 min
Delta R.T.: 0.005 min
Response: 16836115
Conc: 117.65 ug/ml



#16 n-Octacosane (C28)

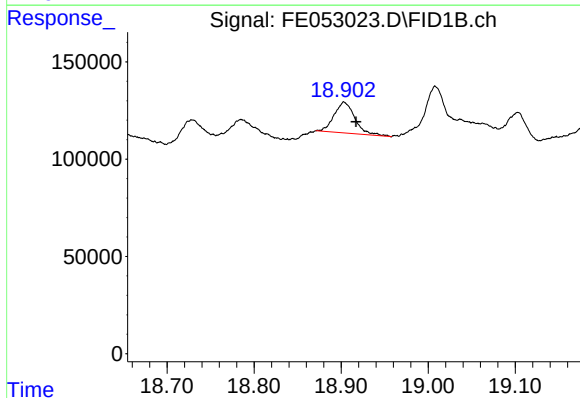
R.T.: 17.231 min
Delta R.T.: 0.039 min
Response: 2547846
Conc: 17.92 ug/ml

Instrument :
FID_E
ClientSampleId :



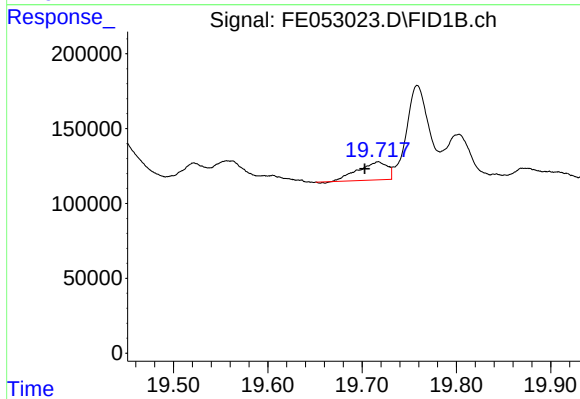
#17 n-Tricontane (C30)

R.T.: 18.072 min
Delta R.T.: -0.013 min
Response: 753218
Conc: 5.10 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.904 min
Delta R.T.: -0.013 min
Response: 261382
Conc: 1.80 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.014 min
Response: 259786
Conc: 1.93 ug/ml