

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032825AL\
 Data File : FE053039.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2025 10:04
 Operator : YP\AJ
 Sample : Q1656-02DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 28 22:52:37 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)	11.908	37876605	224.672 ug/ml
Spiked Amount 50.000		Recovery =	449.34%
12) S 1-chlorooctadecane (S...	13.357	20354546	167.629 ug/ml
Spiked Amount 50.000		Recovery =	335.26%
Target Compounds			
5) T A~2-methylnaphthalene...	7.315	502891	3.103 ug/ml
6) T n-Tetradecane (C14)	8.528	2508007	16.575 ug/ml
7) T n-Hexadecane (C16)	10.147	8099039	52.974 ug/ml
8) T n-Octadecane (C18)	11.569	34932522	229.606 ug/ml
10) T n-Eicosane (C20)	12.914	17180513	118.344 ug/ml
11) T n-Heneicosane (C21)	13.527	11564133	81.249 ug/ml
13) T n-Docosane (C22)	14.097	11794689	82.881 ug/ml
14) T n-Tetracosane (C24)	15.194	10686085	74.671 ug/ml
16) T n-Octacosane (C28)	17.257f	284220	1.999 ug/ml
18) T n-Dotriacontane (C32)	18.902	122790	0.846 ug/ml
19) T n-Tetratriacontane (C34)	19.755f	291288	2.161 ug/ml

(f)=RT Delta > 1/2 Window

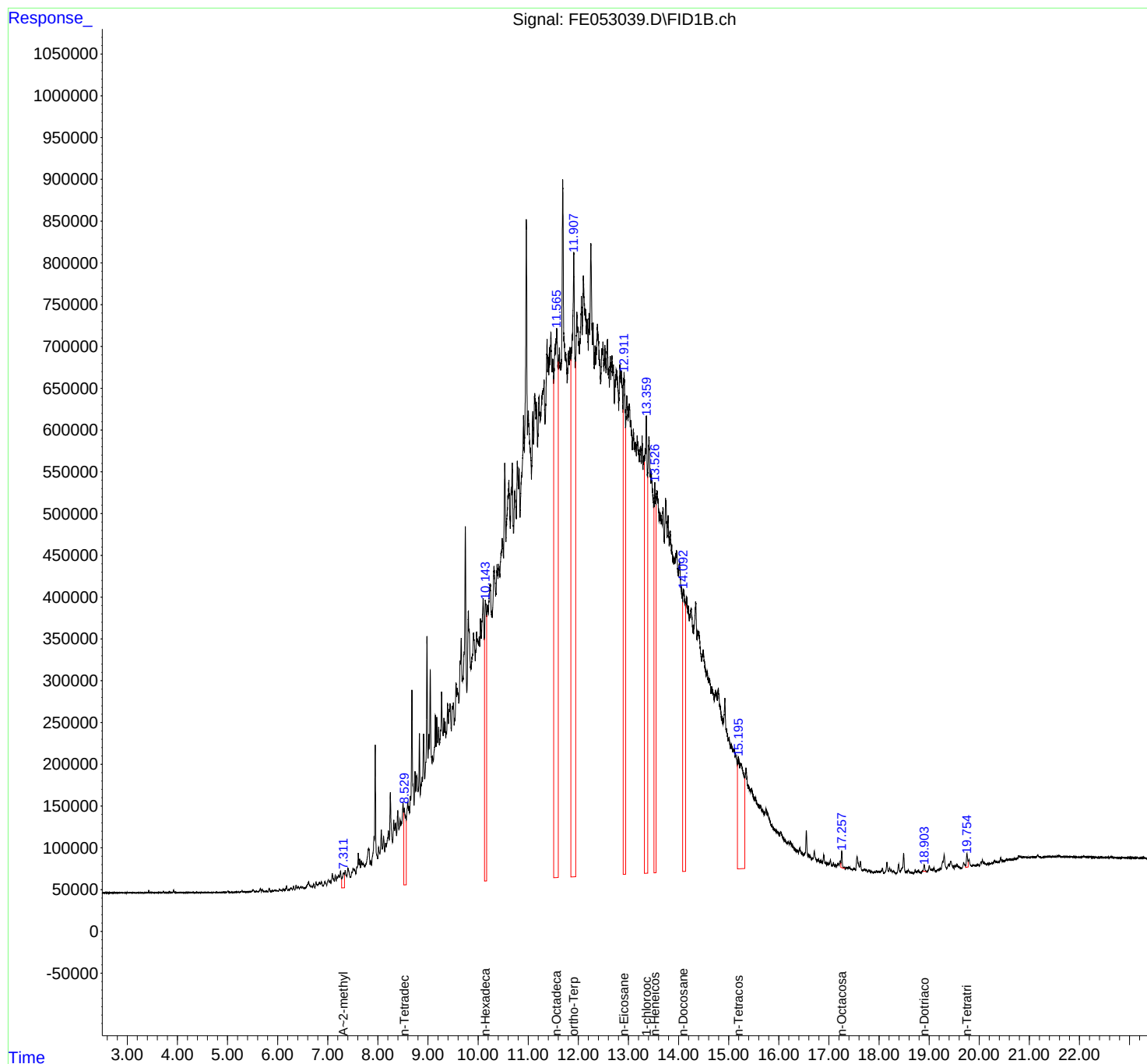
(m)=manual int.

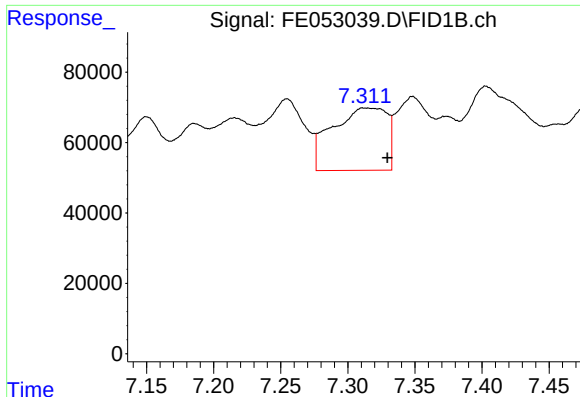
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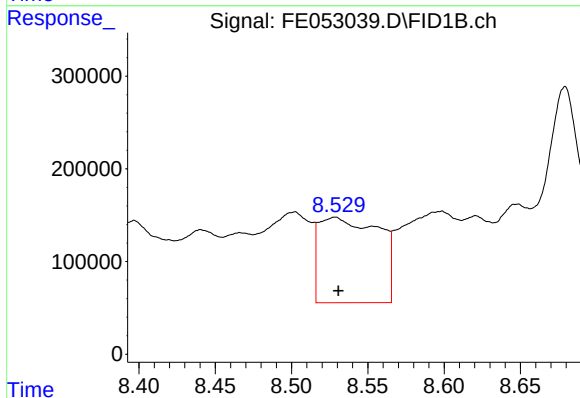




#5 A~2-methylnaphthalene (C12.89)

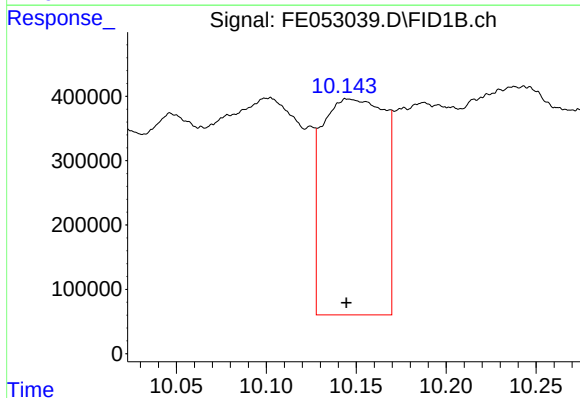
R.T.: 7.315 min
Delta R.T.: -0.015 min
Response: 502891
Conc: 3.10 ug/ml

Instrument :
FID_E
ClientSampleId :



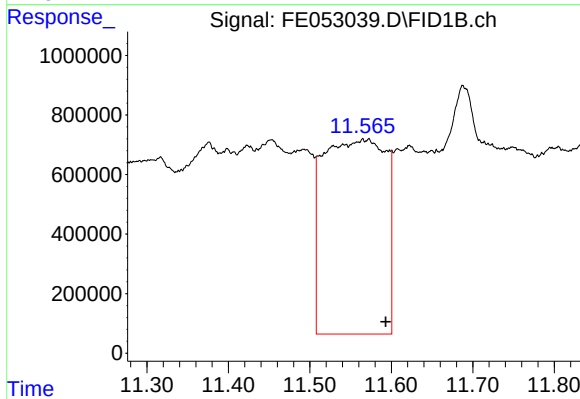
#6 n-Tetradecane (C14)

R.T.: 8.528 min
Delta R.T.: -0.003 min
Response: 2508007
Conc: 16.58 ug/ml



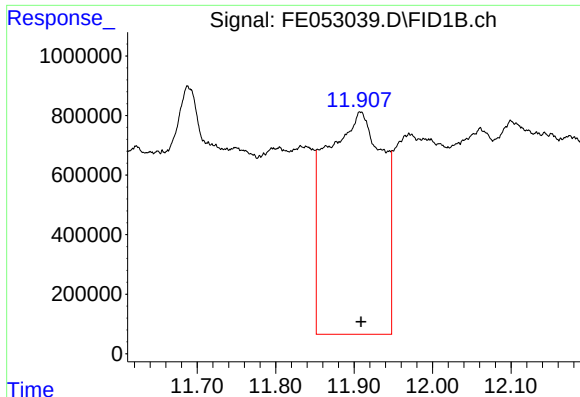
#7 n-Hexadecane (C16)

R.T.: 10.147 min
Delta R.T.: 0.002 min
Response: 8099039
Conc: 52.97 ug/ml



#8 n-Octadecane (C18)

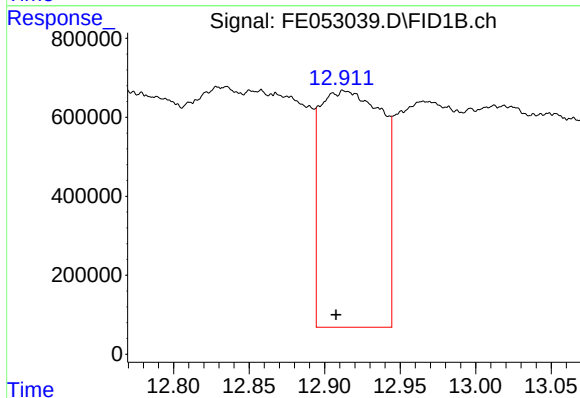
R.T.: 11.569 min
Delta R.T.: -0.024 min
Response: 34932522
Conc: 229.61 ug/ml



#9 ortho-Terphenyl (SURR)

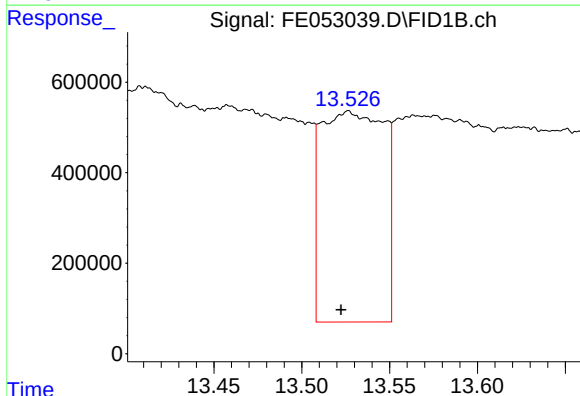
R.T.: 11.908 min
Delta R.T.: 0.000 min
Response: 37876605
Conc: 224.67 ug/ml

Instrument :
FID_E
ClientSampleId :



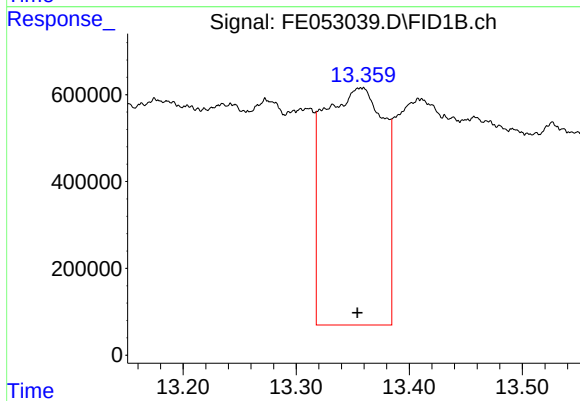
#10 n-Eicosane (C20)

R.T.: 12.914 min
Delta R.T.: 0.006 min
Response: 17180513
Conc: 118.34 ug/ml



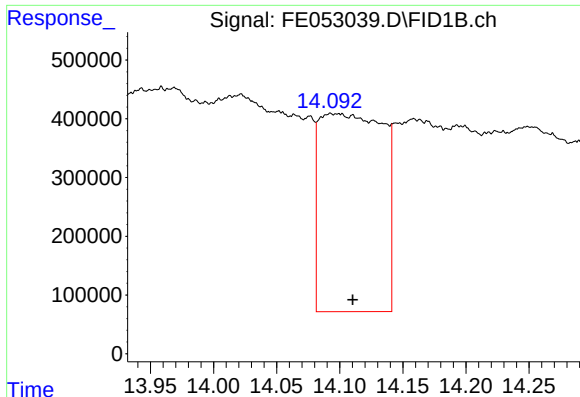
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: 0.004 min
Response: 11564133
Conc: 81.25 ug/ml



#12 1-chlorooctadecane (SURR)

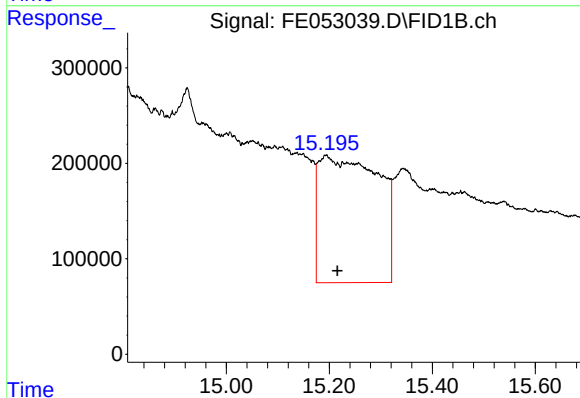
R.T.: 13.357 min
Delta R.T.: 0.003 min
Response: 20354546
Conc: 167.63 ug/ml



#13 n-Docosane (C22)

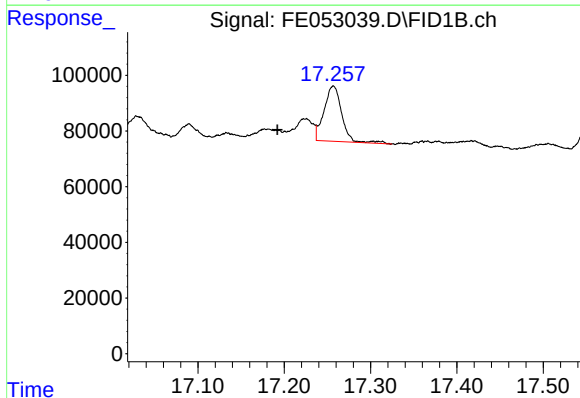
R.T.: 14.097 min
Delta R.T.: -0.014 min
Response: 11794689
Conc: 82.88 ug/ml

Instrument :
FID_E
ClientSampleId :



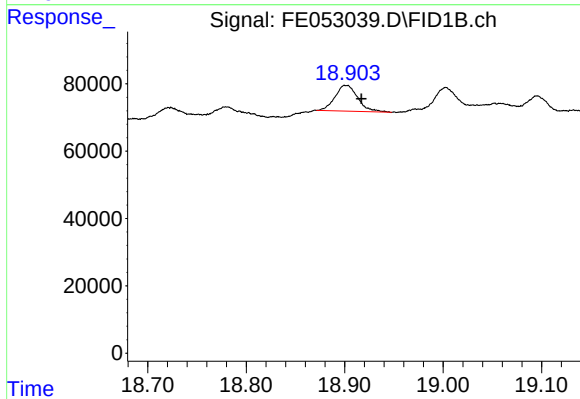
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.022 min
Response: 10686085
Conc: 74.67 ug/ml



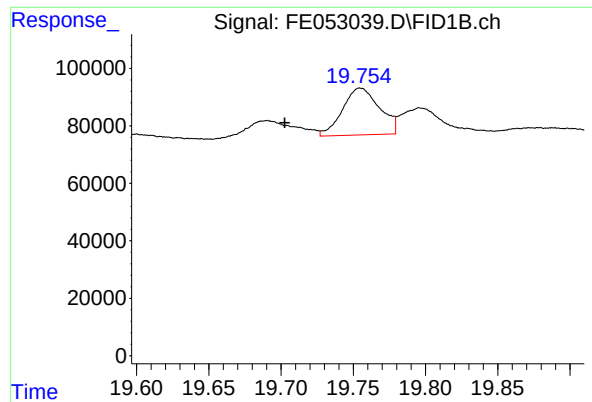
#16 n-Octacosane (C28)

R.T.: 17.257 min
Delta R.T.: 0.065 min
Response: 284220
Conc: 2.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.902 min
Delta R.T.: -0.015 min
Response: 122790
Conc: 0.85 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.755 min
Delta R.T.: 0.052 min
Response: 291288
Conc: 2.16 ug/ml

Instrument :
FID_E
ClientSampleId :