

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091925AL\
 Data File : FE055909.D
 Signal(s) : FID1B.ch
 Acq On : 19 Sep 2025 19:28
 Operator : YP\AJ
 Sample : Q3138-04 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 21:48:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.081	5625748	34.244 ug/ml
Spiked Amount 50.000		Recovery =	68.49%
12) S 1-chlorooctadecane (S...	13.523	2140752	17.120 ug/ml
Spiked Amount 50.000		Recovery =	34.24%
Target Compounds			
5) T A~2-methylnaphthalene...	7.496	156547	1.113 ug/ml
6) T n-Tetradecane (C14)	8.676	1432476	10.877 ug/ml
7) T n-Hexadecane (C16)	10.321	1786861	12.902 ug/ml
8) T n-Octadecane (C18)	11.764	1343380	9.210 ug/ml
10) T n-Eicosane (C20)	13.046	956299	6.643 ug/ml
11) T n-Heneicosane (C21)	13.637	2100888	14.708 ug/ml
13) T n-Docosane (C22)	14.270	680336	4.753 ug/ml
14) T n-Tetracosane (C24)	15.385	476329	3.292 ug/ml
15) T n-Hexacosane (C26)	16.408	215535	1.509 ug/ml
16) T n-Octacosane (C28)	17.355	220609	1.551 ug/ml
17) T n-Tricontane (C30)	18.241	350441	2.371 ug/ml
18) T n-Dotriacontane (C32)	19.074	397800	2.710 ug/ml
19) T n-Tetratriacontane (C34)	19.856	101307	0.717 ug/ml
20) T n-Hexatriacontane (C36)	20.598	116207	0.881 ug/ml

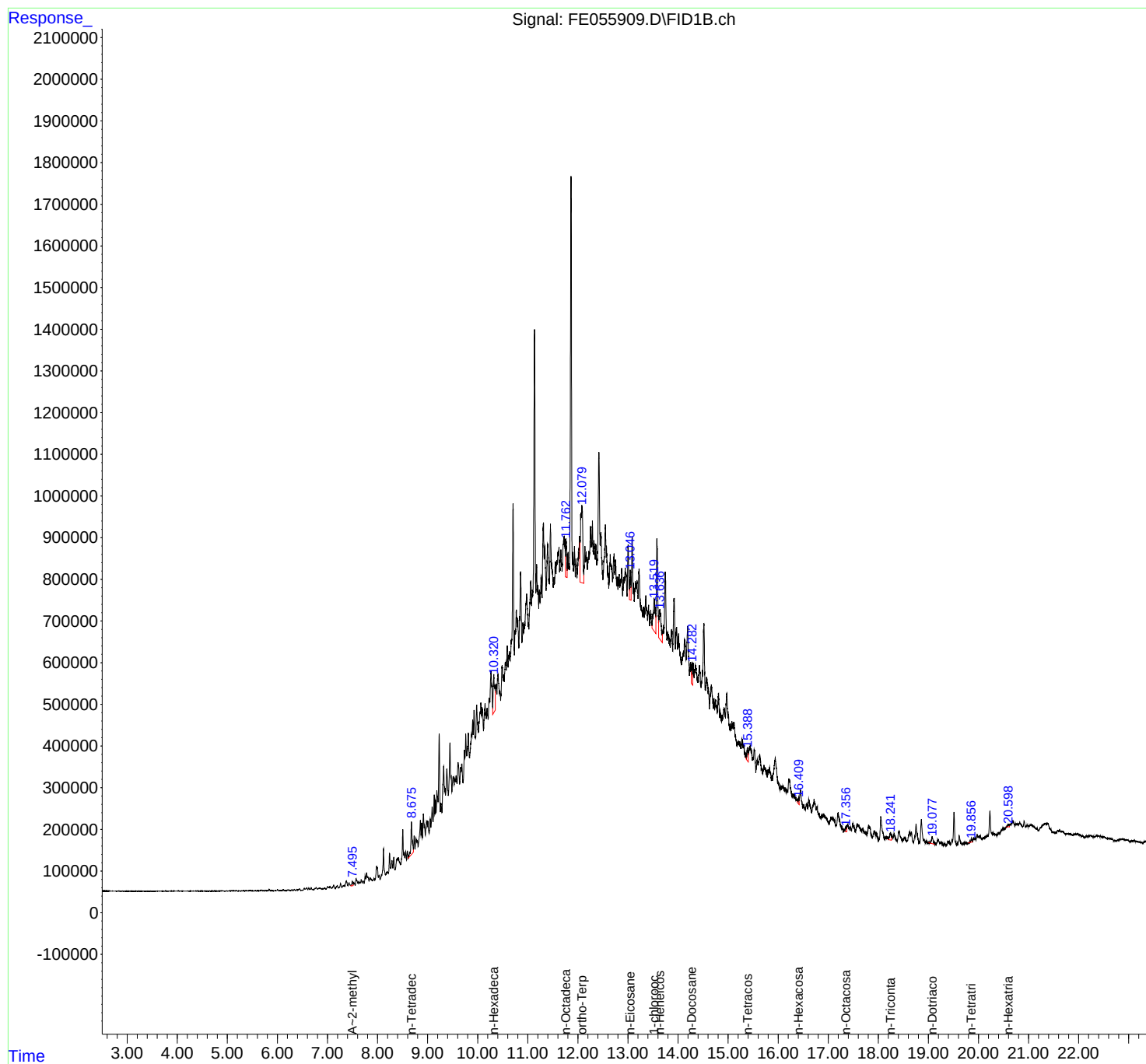
(f)=RT Delta > 1/2 Window

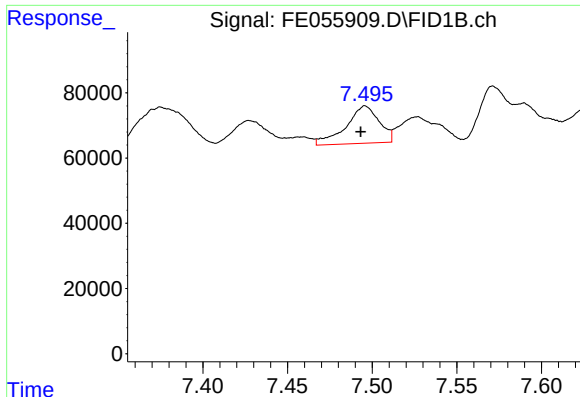
(m)=manual int.

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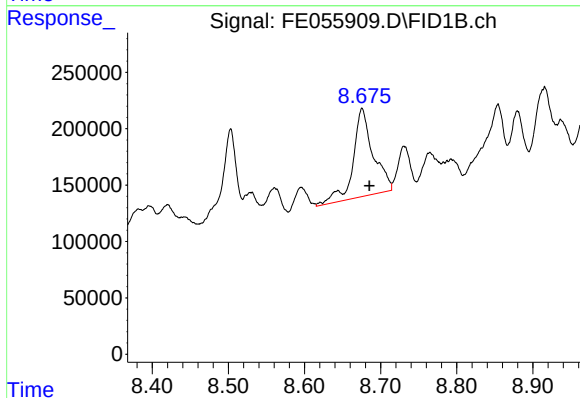
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





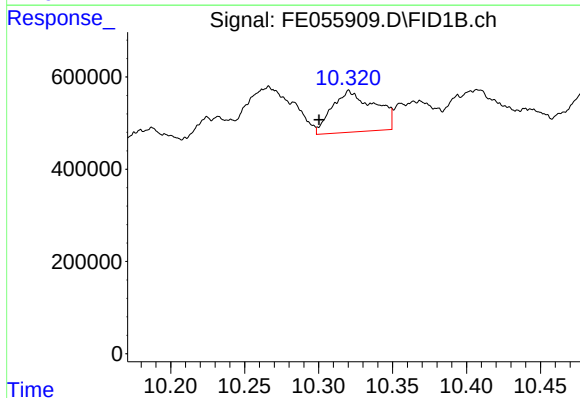
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 156547
Conc: 1.11 ug/ml



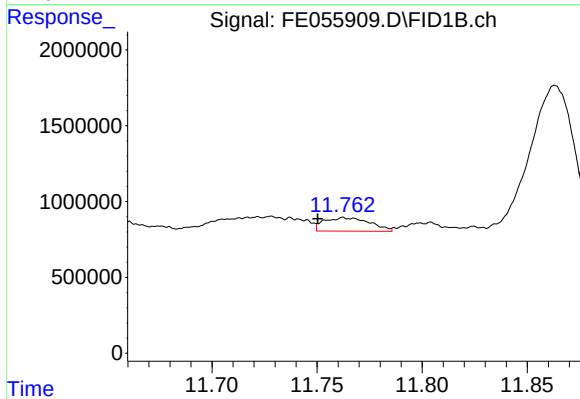
#6 n-Tetradecane (C14)

R.T.: 8.676 min
Delta R.T.: -0.010 min
Response: 1432476
Conc: 10.88 ug/ml



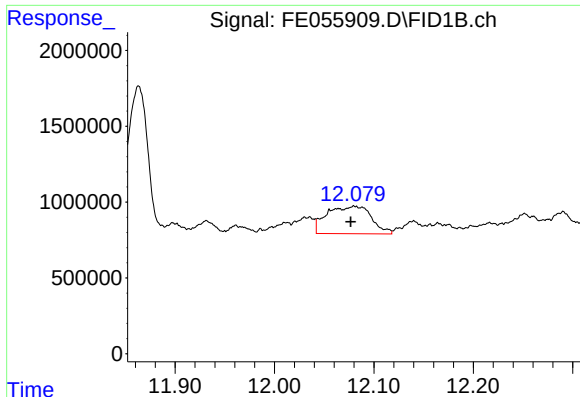
#7 n-Hexadecane (C16)

R.T.: 10.321 min
Delta R.T.: 0.021 min
Response: 1786861
Conc: 12.90 ug/ml



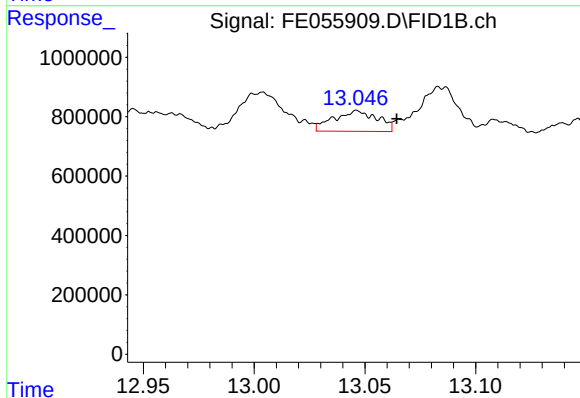
#8 n-Octadecane (C18)

R.T.: 11.764 min
Delta R.T.: 0.013 min
Response: 1343380
Conc: 9.21 ug/ml



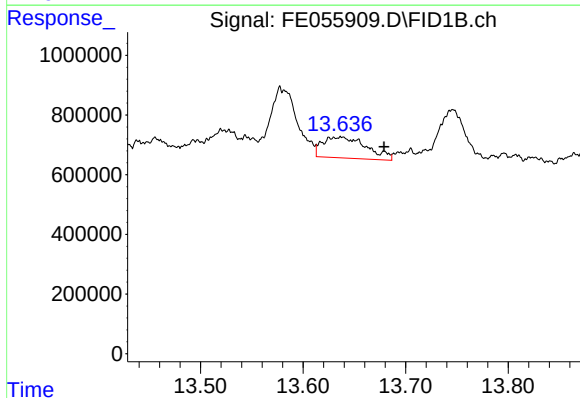
#9 ortho-Terphenyl (SURR)

R.T.: 12.081 min
Delta R.T.: 0.004 min
Response: 5625748
Conc: 34.24 ug/ml



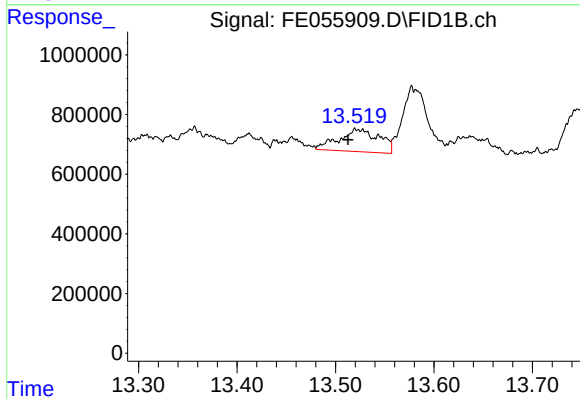
#10 n-Eicosane (C20)

R.T.: 13.046 min
Delta R.T.: -0.018 min
Response: 956299
Conc: 6.64 ug/ml



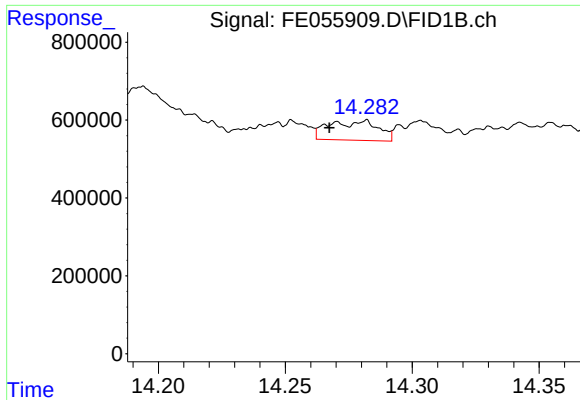
#11 n-Heneicosane (C21)

R.T.: 13.637 min
Delta R.T.: -0.042 min
Response: 2100888
Conc: 14.71 ug/ml



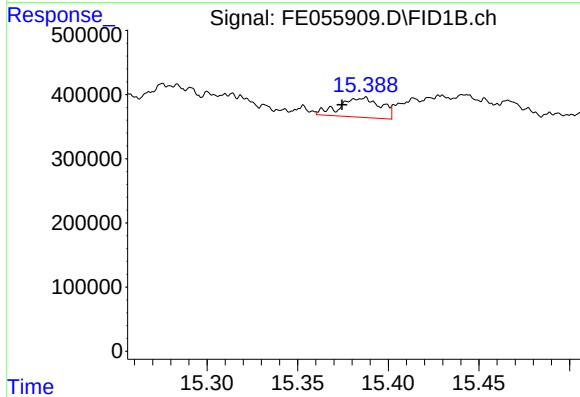
#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.010 min
Response: 2140752
Conc: 17.12 ug/ml



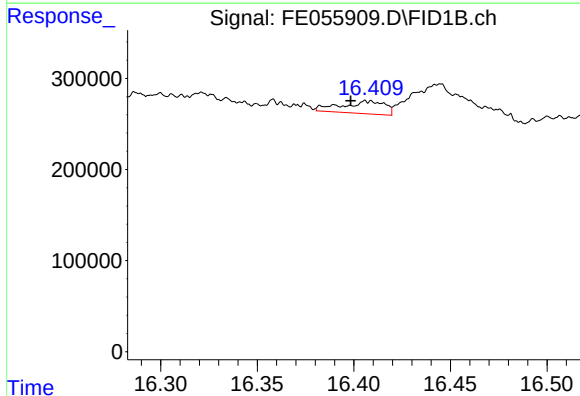
#13 n-Docosane (C22)

R.T.: 14.270 min
Delta R.T.: 0.003 min
Response: 680336
Conc: 4.75 ug/ml



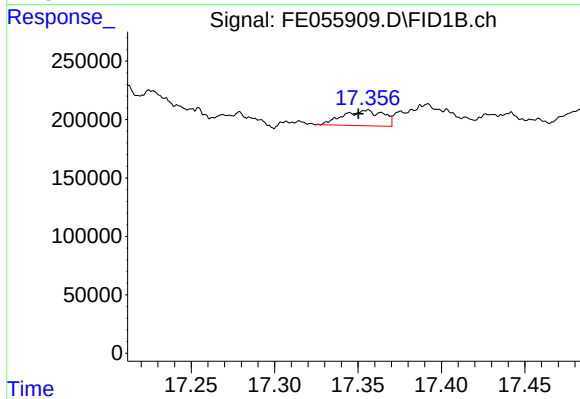
#14 n-Tetracosane (C24)

R.T.: 15.385 min
Delta R.T.: 0.011 min
Response: 476329
Conc: 3.29 ug/ml



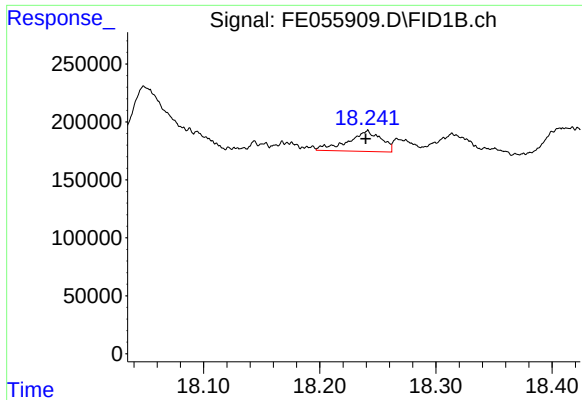
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.010 min
Response: 215535
Conc: 1.51 ug/ml



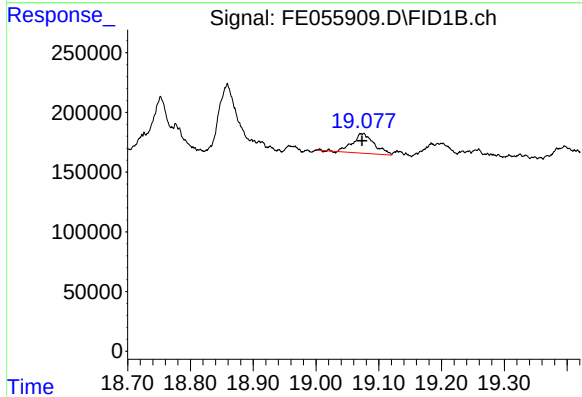
#16 n-Octacosane (C28)

R.T.: 17.355 min
Delta R.T.: 0.005 min
Response: 220609
Conc: 1.55 ug/ml



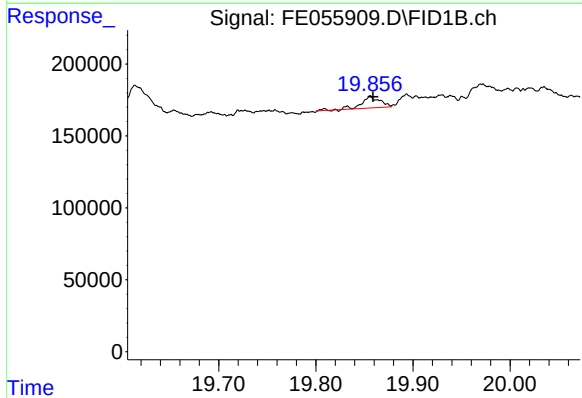
#17 n-Tricontane (C30)

R.T.: 18.241 min
Delta R.T.: 0.000 min
Response: 350441
Conc: 2.37 ug/ml



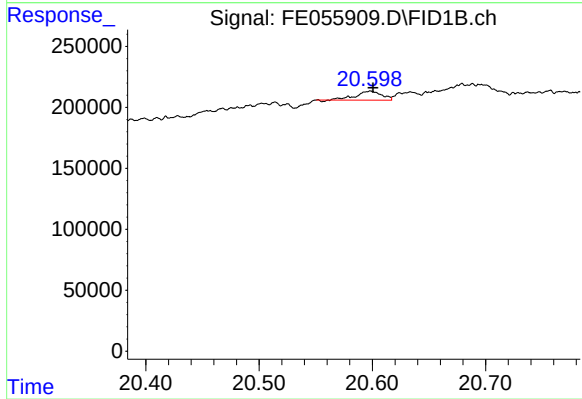
#18 n-Dotriacontane (C32)

R.T.: 19.074 min
Delta R.T.: 0.000 min
Response: 397800
Conc: 2.71 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.856 min
Delta R.T.: -0.003 min
Response: 101307
Conc: 0.72 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.598 min
Delta R.T.: -0.002 min
Response: 116207
Conc: 0.88 ug/ml