

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102623AL\
 Data File : FE045042.D
 Signal(s) : FID1B.ch
 Acq On : 26 Oct 2023 17:40
 Operator : YP\AJ
 Sample : 05048-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 01:06:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 2023
 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)	11.936	90312450	450.514 ug/ml
Spiked Amount 50.000		Recovery =	901.03%
12) S 1-chlorooctadecane (S...	13.341	24170911	163.333 ug/ml
Spiked Amount 50.000		Recovery =	326.67%
Target Compounds			
6) T n-Tetradecane (C14)	8.532	945743	5.515 ug/ml
7) T n-Hexadecane (C16)	10.157	17631066	100.824 ug/ml
8) T n-Octadecane (C18)	11.588	49783436	285.431 ug/ml
10) T n-Eicosane (C20)	12.906	36527666	218.689 ug/ml
11) T n-Heneicosane (C21)	13.536	27693044	169.883 ug/ml
13) T n-Docosane (C22)	14.114	14876553	93.006 ug/ml
14) T n-Tetracosane (C24)	15.217	8341445	53.748 ug/ml
15) T n-Hexacosane (C26)	16.227	2045042	13.621 ug/ml
16) T n-Octacosane (C28)	17.208	3824230	26.043 ug/ml
17) T n-Tricontane (C30)	18.107	80797	0.543 ug/ml
18) T n-Dotriacontane (C32)	18.891	136346	0.908 ug/ml
19) T n-Tetratriacontane (C34)	19.713	194967	1.310 ug/ml
20) T n-Hexatriacontane (C36)	20.421	59332	0.386 ug/ml

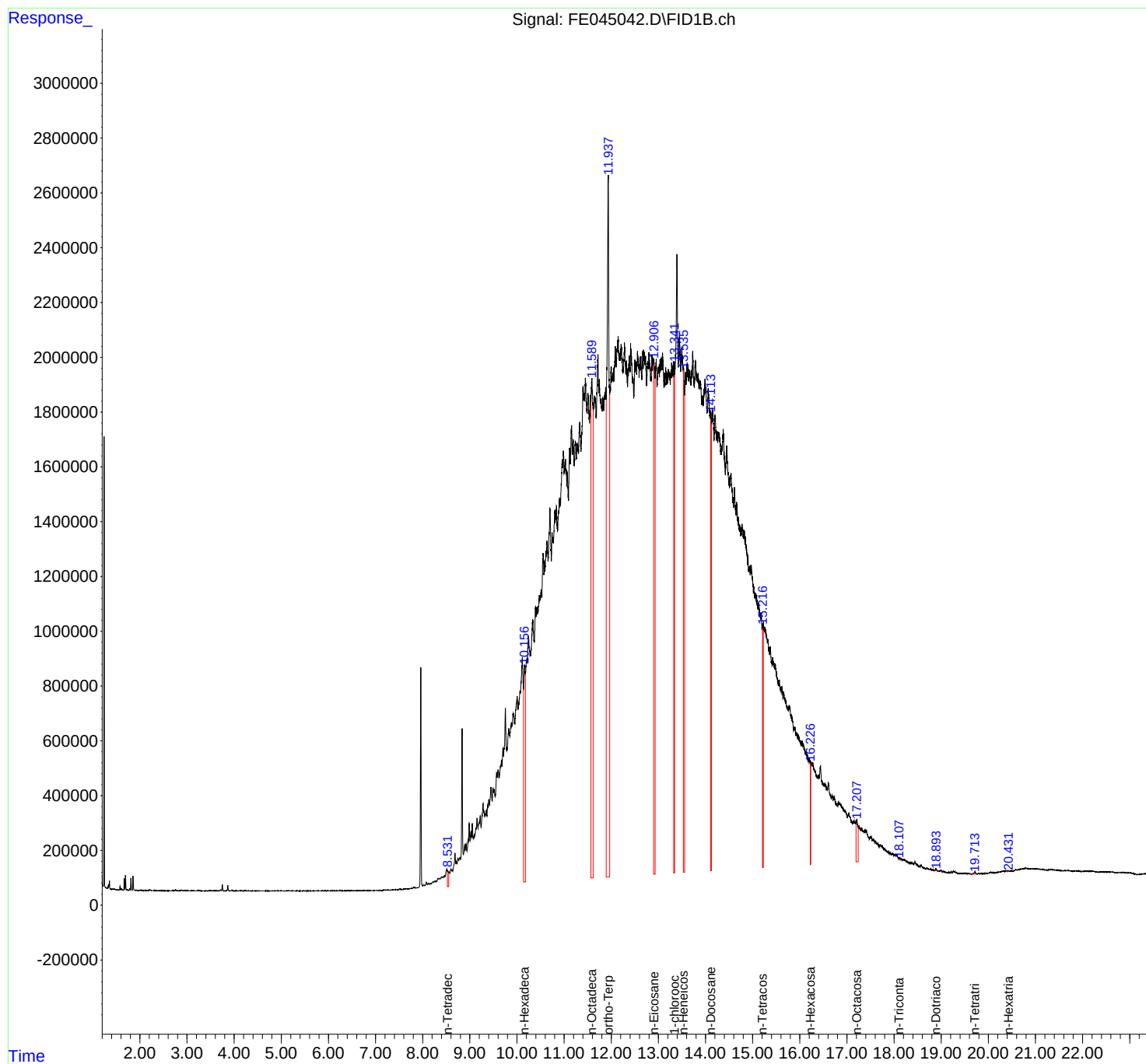
(f)=RT Delta > 1/2 Window

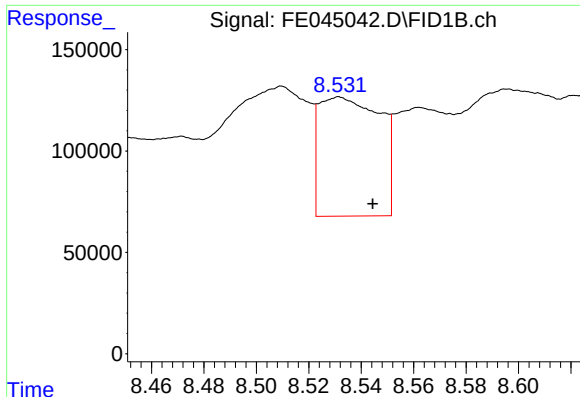
(m)=manual int.

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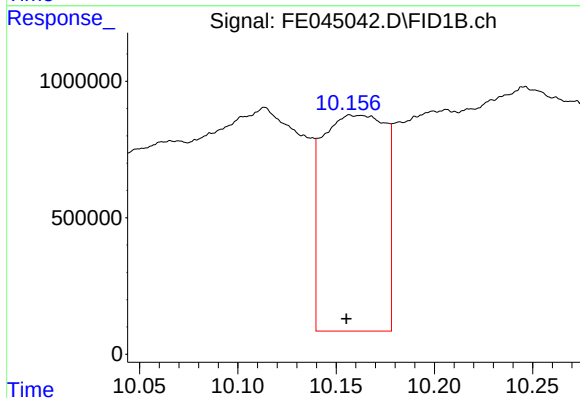
#6 n-Tetradecane (C14)

R.T.: 8.532 min

Delta R.T.: -0.013 min

Response: 945743

Conc: 5.52 ug/ml



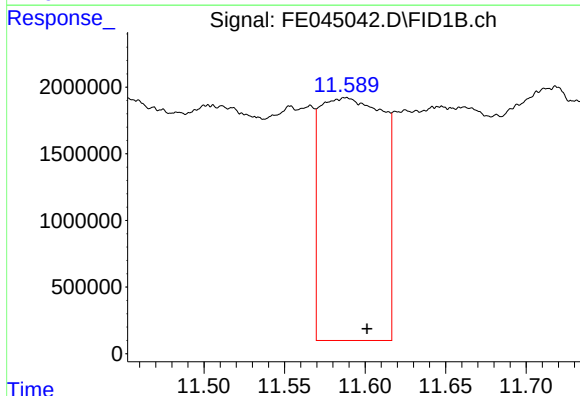
#7 n-Hexadecane (C16)

R.T.: 10.157 min

Delta R.T.: 0.002 min

Response: 17631066

Conc: 100.82 ug/ml



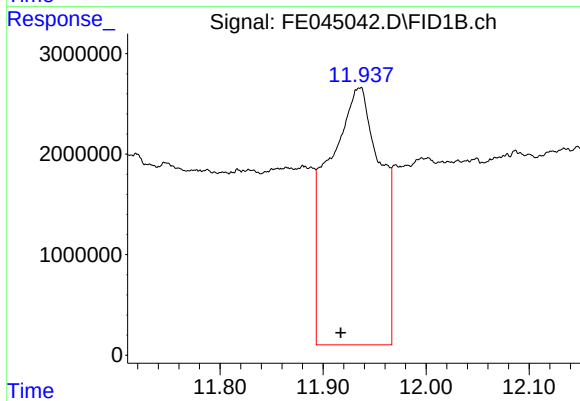
#8 n-Octadecane (C18)

R.T.: 11.588 min

Delta R.T.: -0.013 min

Response: 49783436

Conc: 285.43 ug/ml



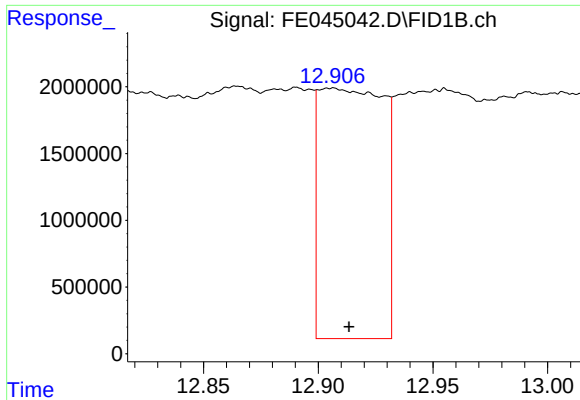
#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min

Delta R.T.: 0.019 min

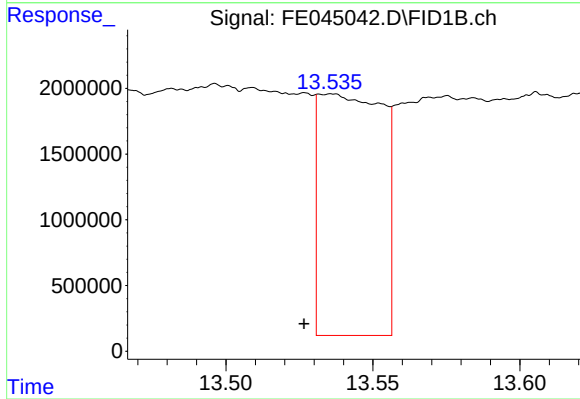
Response: 90312450

Conc: 450.51 ug/ml



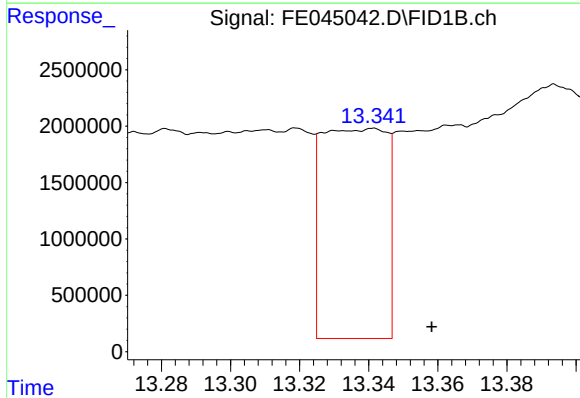
#10 n-Eicosane (C20)

R.T.: 12.906 min
Delta R.T.: -0.008 min
Response: 36527666
Conc: 218.69 ug/ml



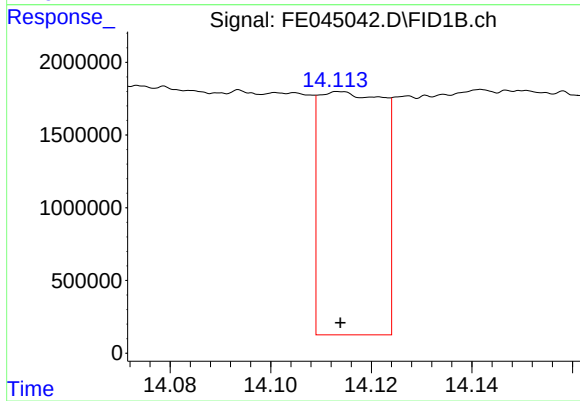
#11 n-Heneicosane (C21)

R.T.: 13.536 min
Delta R.T.: 0.009 min
Response: 27693044
Conc: 169.88 ug/ml



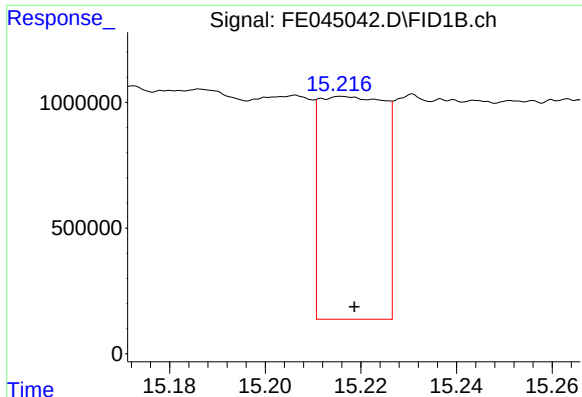
#12 1-chlorooctadecane (SURR)

R.T.: 13.341 min
Delta R.T.: -0.017 min
Response: 24170911
Conc: 163.33 ug/ml



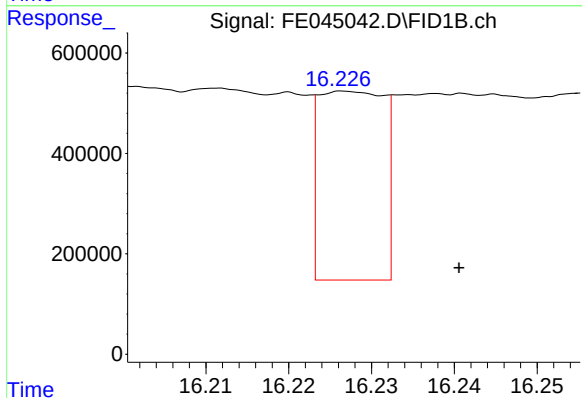
#13 n-Docosane (C22)

R.T.: 14.114 min
Delta R.T.: 0.000 min
Response: 14876553
Conc: 93.01 ug/ml



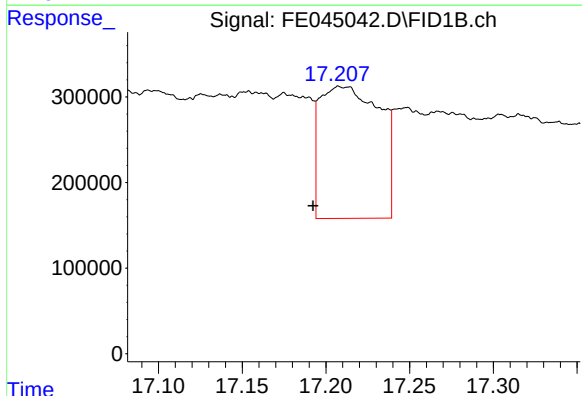
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: -0.002 min
Response: 8341445
Conc: 53.75 ug/ml



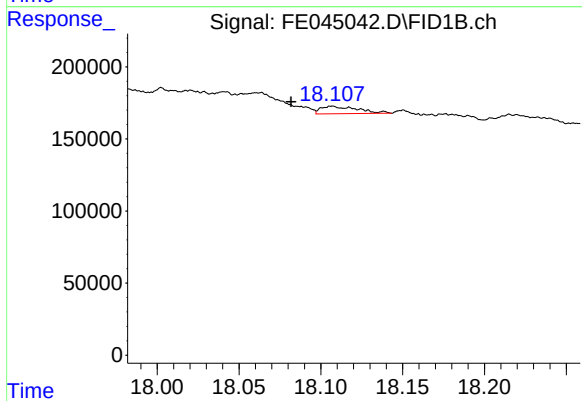
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: -0.013 min
Response: 2045042
Conc: 13.62 ug/ml



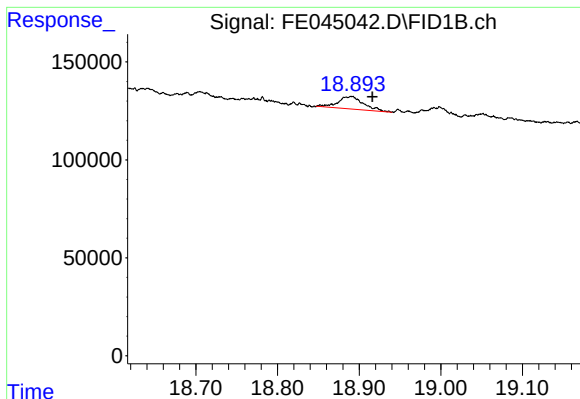
#16 n-Octacosane (C28)

R.T.: 17.208 min
Delta R.T.: 0.015 min
Response: 3824230
Conc: 26.04 ug/ml



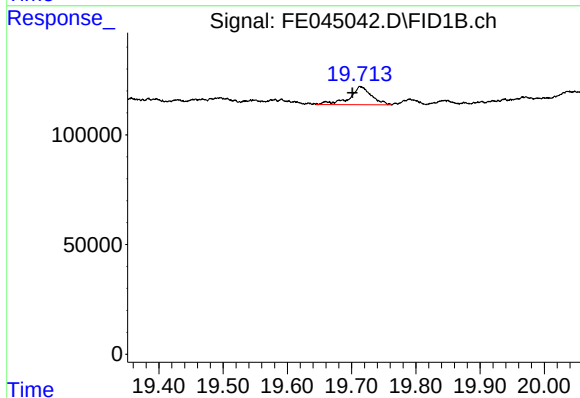
#17 n-Tricontane (C30)

R.T.: 18.107 min
Delta R.T.: 0.025 min
Response: 80797
Conc: 0.54 ug/ml



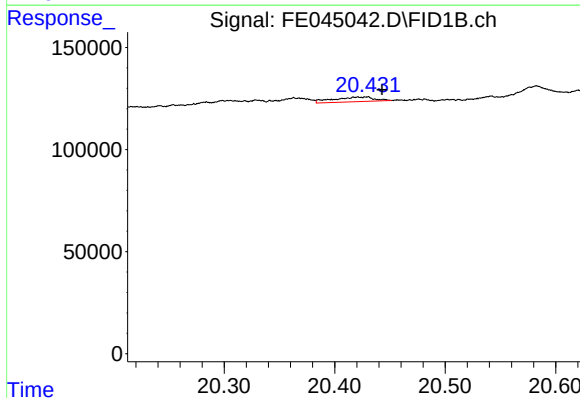
#18 n-Dotriacontane (C32)

R.T.: 18.891 min
Delta R.T.: -0.025 min
Response: 136346
Conc: 0.91 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: 0.012 min
Response: 194967
Conc: 1.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.421 min
Delta R.T.: -0.022 min
Response: 59332
Conc: 0.39 ug/ml