

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
 Data File : FE048235.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2024 11:00
 Operator : YP\AJ
 Sample : P2496-03DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 17 23:56:00 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 2024
 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)	11.972	20791313	144.119 ug/ml
Spiked Amount 50.000		Recovery =	288.24%
12) S 1-chlorooctadecane (S...	13.410	17773421	159.059 ug/ml
Spiked Amount 50.000		Recovery =	318.12%
Target Compounds			
5) T A~2-methylnaphthalene...	7.406	62229	0.468 ug/ml
6) T n-Tetradecane (C14)	8.592	685092	5.170 ug/ml
7) T n-Hexadecane (C16)	10.211	5669713	41.224 ug/ml
8) T n-Octadecane (C18)	11.651	10375057	74.482 ug/ml
10) T n-Eicosane (C20)	12.965	9829730	73.006 ug/ml
11) T n-Heneicosane (C21)	13.567	1984224	14.989 ug/ml
13) T n-Docosane (C22)	14.160	1134656	8.562 ug/ml
14) T n-Tetracosane (C24)	15.246	4100934	30.799 ug/ml
15) T n-Hexacosane (C26)	16.237	281262	2.108 ug/ml
16) T n-Octacosane (C28)	17.240	123714	0.929 ug/ml
17) T n-Tricontane (C30)	18.107	76394	0.554 ug/ml
18) T n-Dotriacontane (C32)	18.937	148219	1.073 ug/ml
19) T n-Tetratriacontane (C34)	19.721	66825	0.491 ug/ml
20) T n-Hexatriacontane (C36)	20.470	52821	0.390 ug/ml

(f)=RT Delta > 1/2 Window

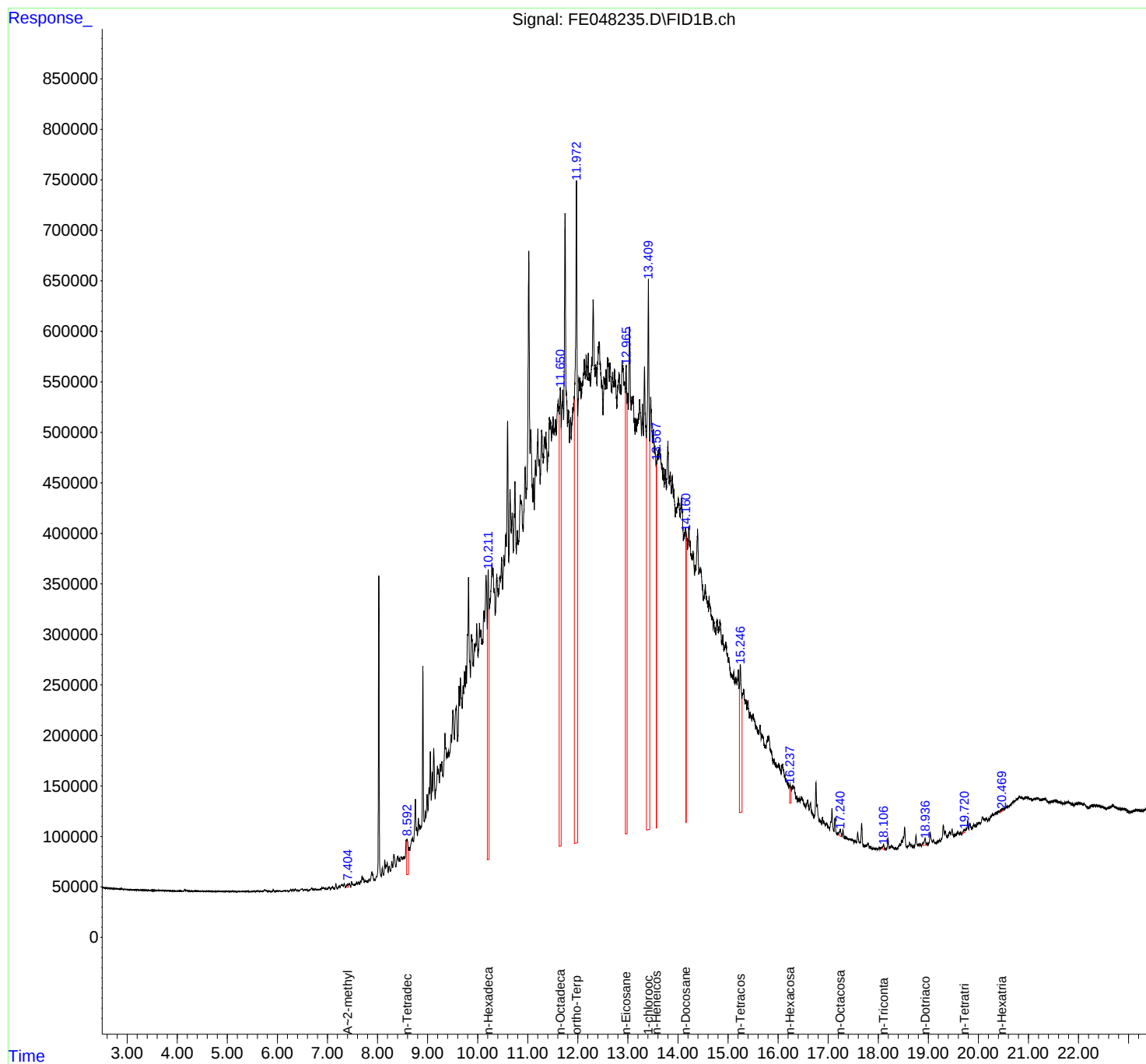
(m)=manual int.

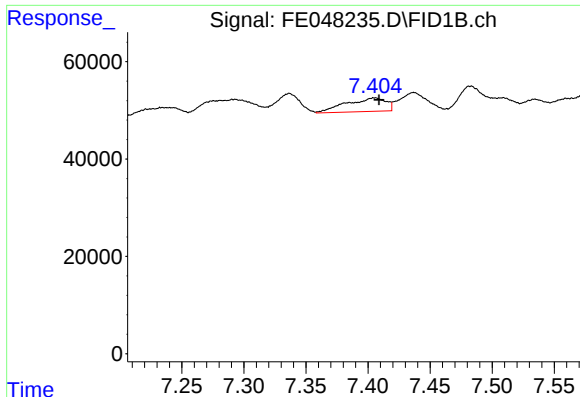
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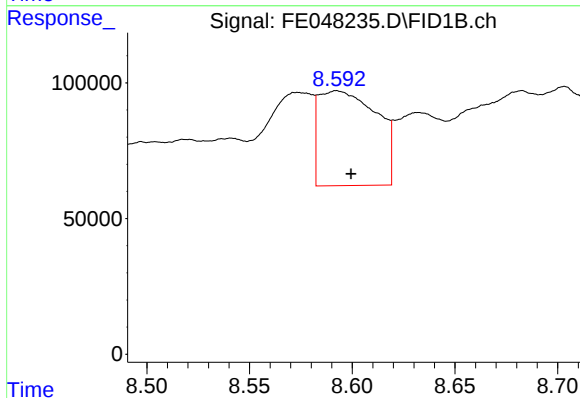




#5 A~2-methylnaphthalene (C12.89)

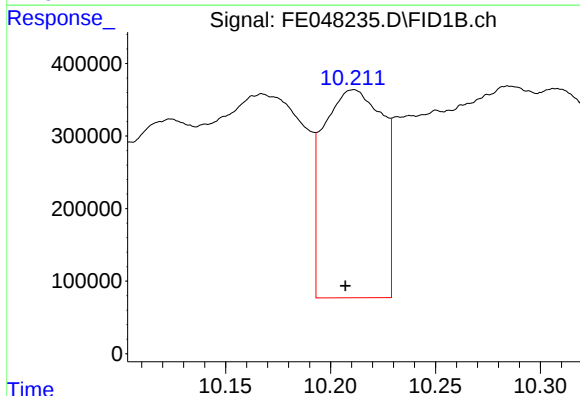
R.T.: 7.406 min
Delta R.T.: -0.003 min
Response: 62229
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :



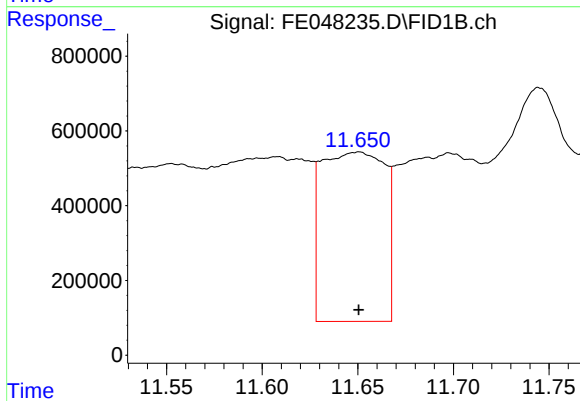
#6 n-Tetradecane (C14)

R.T.: 8.592 min
Delta R.T.: -0.007 min
Response: 685092
Conc: 5.17 ug/ml



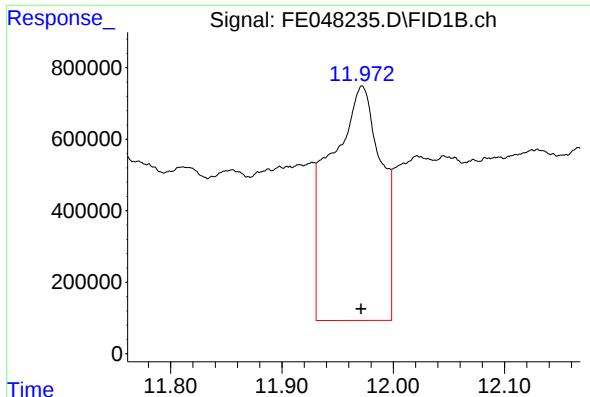
#7 n-Hexadecane (C16)

R.T.: 10.211 min
Delta R.T.: 0.004 min
Response: 5669713
Conc: 41.22 ug/ml



#8 n-Octadecane (C18)

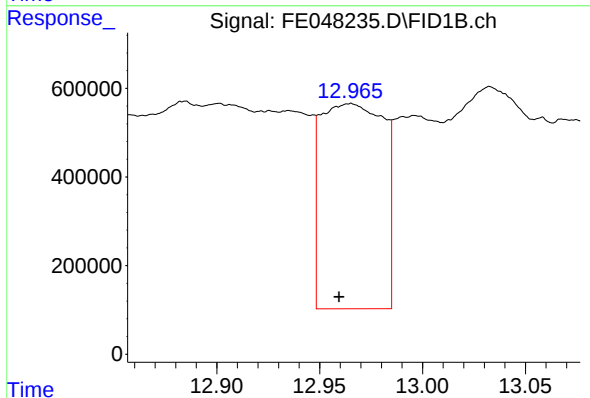
R.T.: 11.651 min
Delta R.T.: 0.000 min
Response: 10375057
Conc: 74.48 ug/ml



#9 ortho-Terphenyl (SURR)

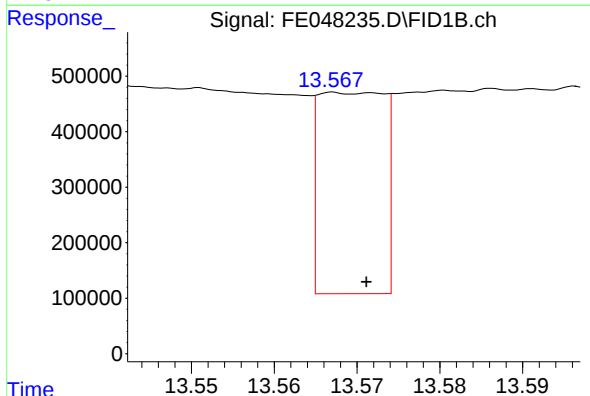
R.T.: 11.972 min
Delta R.T.: 0.000 min
Response: 20791313
Conc: 144.12 ug/ml

Instrument :
FID_E
ClientSampleId :



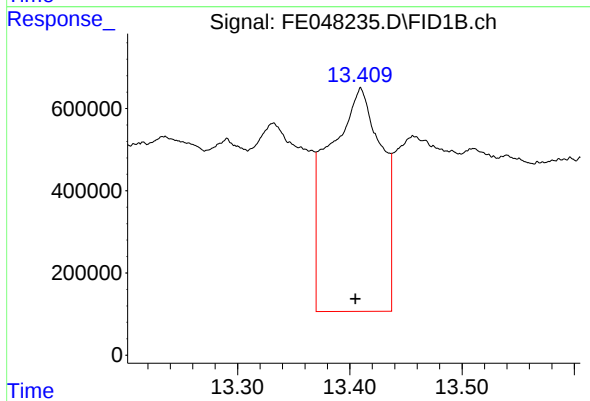
#10 n-Eicosane (C20)

R.T.: 12.965 min
Delta R.T.: 0.006 min
Response: 9829730
Conc: 73.01 ug/ml



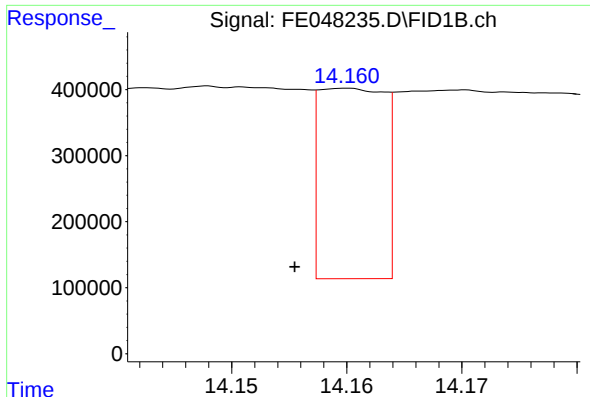
#11 n-Heneicosane (C21)

R.T.: 13.567 min
Delta R.T.: -0.004 min
Response: 1984224
Conc: 14.99 ug/ml



#12 1-chlorooctadecane (SURR)

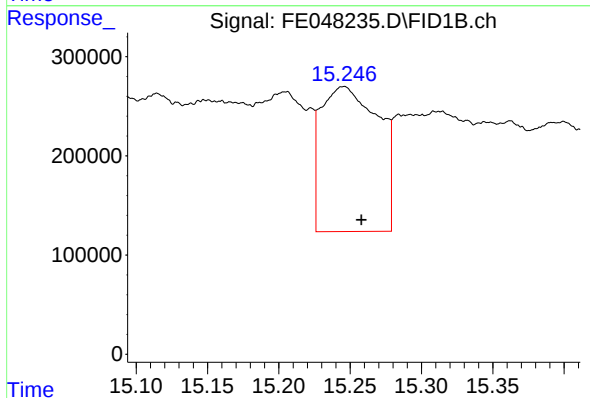
R.T.: 13.410 min
Delta R.T.: 0.005 min
Response: 17773421
Conc: 159.06 ug/ml



#13 n-Docosane (C22)

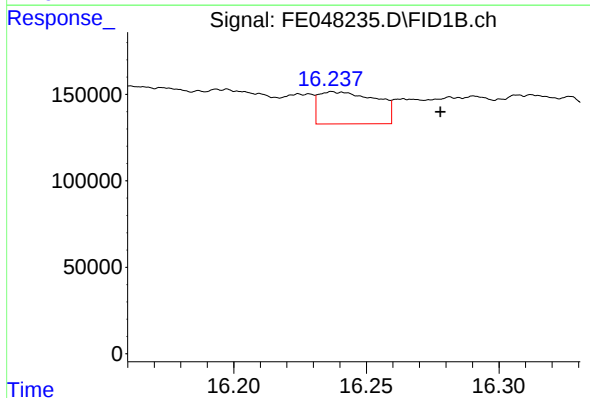
R.T.: 14.160 min
Delta R.T.: 0.005 min
Response: 1134656
Conc: 8.56 ug/ml

Instrument :
FID_E
ClientSampleId :



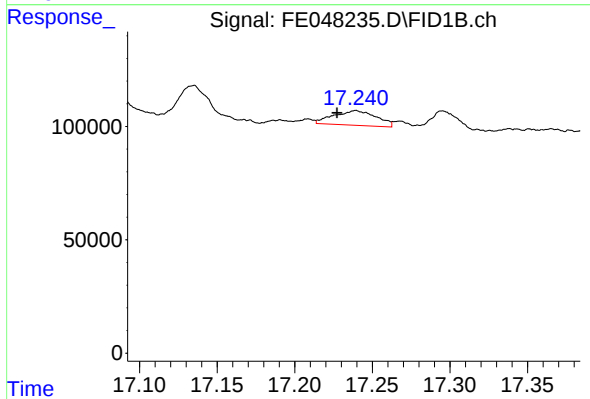
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.012 min
Response: 4100934
Conc: 30.80 ug/ml



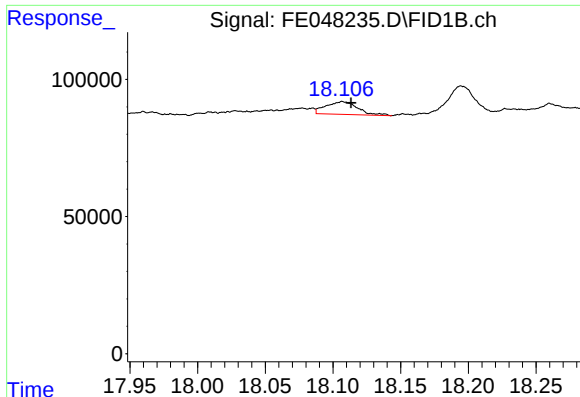
#15 n-Hexacosane (C26)

R.T.: 16.237 min
Delta R.T.: -0.041 min
Response: 281262
Conc: 2.11 ug/ml



#16 n-Octacosane (C28)

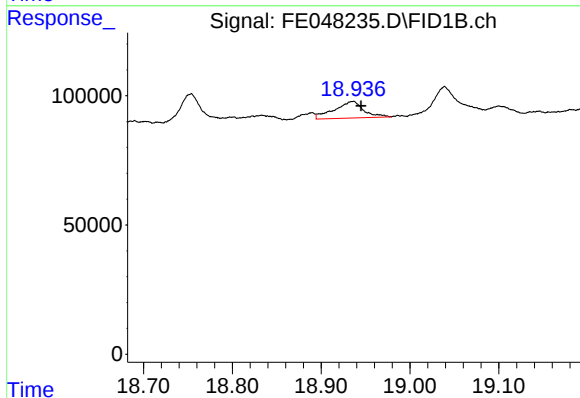
R.T.: 17.240 min
Delta R.T.: 0.012 min
Response: 123714
Conc: 0.93 ug/ml



#17 n-Tricontane (C30)

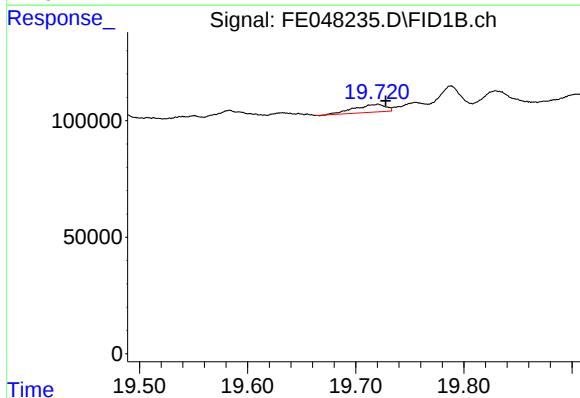
R.T.: 18.107 min
Delta R.T.: -0.007 min
Response: 76394
Conc: 0.55 ug/ml

Instrument :
FID_E
ClientSampleId :



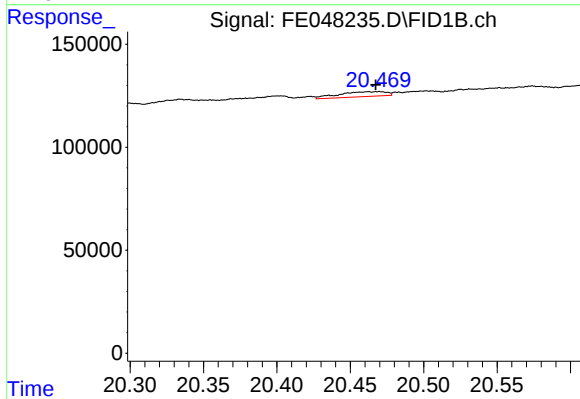
#18 n-Dotriacontane (C32)

R.T.: 18.937 min
Delta R.T.: -0.008 min
Response: 148219
Conc: 1.07 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.721 min
Delta R.T.: -0.007 min
Response: 66825
Conc: 0.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.470 min
Delta R.T.: 0.003 min
Response: 52821
Conc: 0.39 ug/ml