

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040725AL\
 Data File : FE053219.D
 Signal(s) : FID1B.ch
 Acq On : 07 Apr 2025 18:53
 Operator : YP\AJ
 Sample : Q1737-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 08 01:24:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.902	6335124	38.894 ug/ml
Spiked Amount 50.000		Recovery =	77.79%
12) S 1-chlorooctadecane (S...	13.348	4530739	37.742 ug/ml
Spiked Amount 50.000		Recovery =	75.48%
Target Compounds			
6) T n-Tetradecane (C14)	8.468	182805	1.194 ug/ml
7) T n-Hexadecane (C16)	10.135	220035	1.427 ug/ml
8) T n-Octadecane (C18)	11.581	259551	1.711 ug/ml
10) T n-Eicosane (C20)	12.901	1809748	12.693 ug/ml
11) T n-Heneicosane (C21)	13.520	462615	3.334 ug/ml
13) T n-Docosane (C22)	14.102	362199	2.645 ug/ml
14) T n-Tetracosane (C24)	15.192	201307	1.491 ug/ml
15) T n-Hexacosane (C26)	16.240	280642	2.104 ug/ml
16) T n-Octacosane (C28)	17.205	423168	3.207 ug/ml
17) T n-Tricontane (C30)	18.074	287344	2.120 ug/ml
18) T n-Dotriacontane (C32)	18.912	257436	1.913 ug/ml
19) T n-Tetratriacontane (C34)	19.729	963280	7.444 ug/ml
20) T n-Hexatriacontane (C36)	20.441	182489	1.536 ug/ml
22) T n-Tetracontane (C40)	22.112	265291	2.362 ug/ml

(f)=RT Delta > 1/2 Window

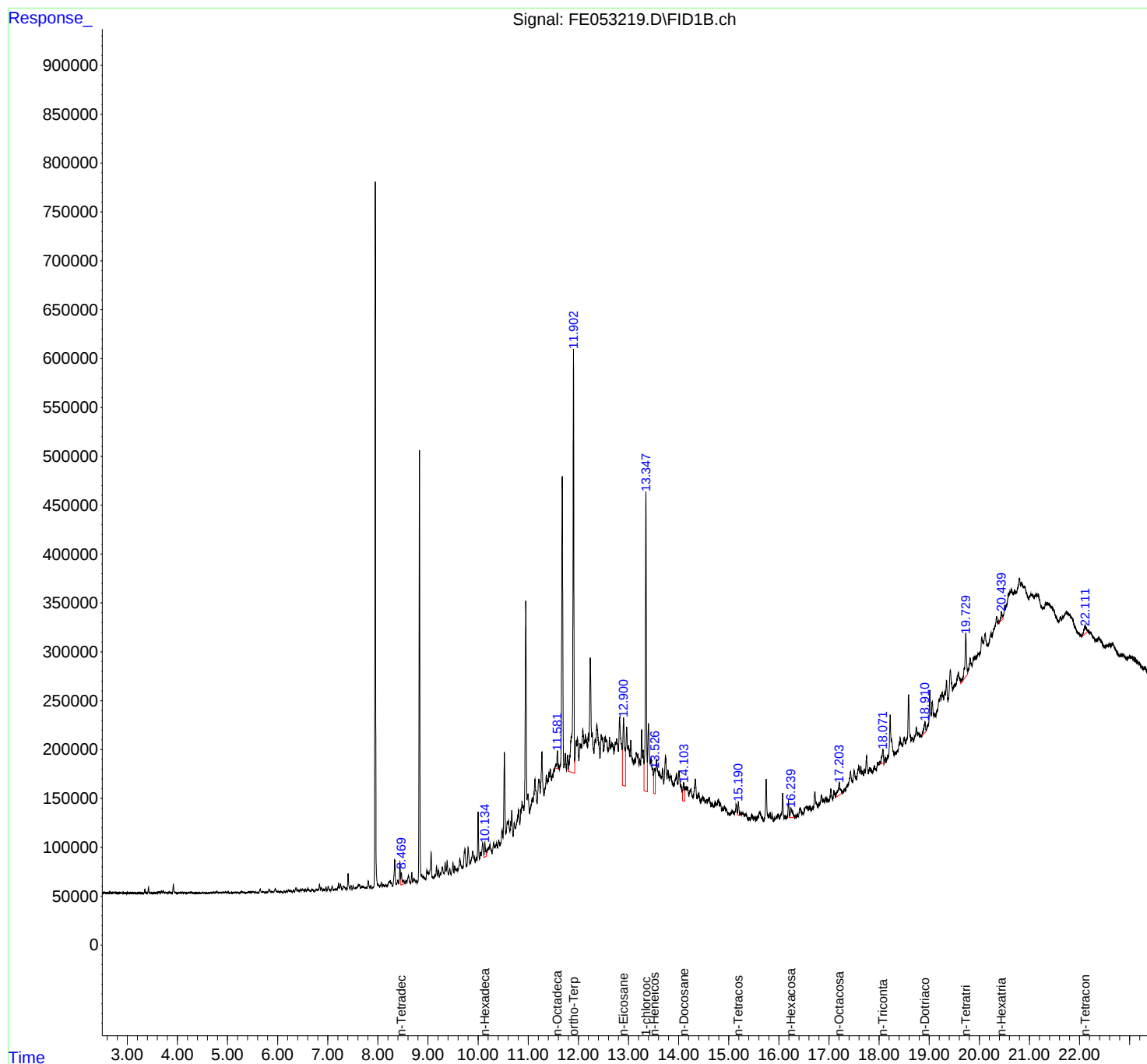
(m)=manual int.

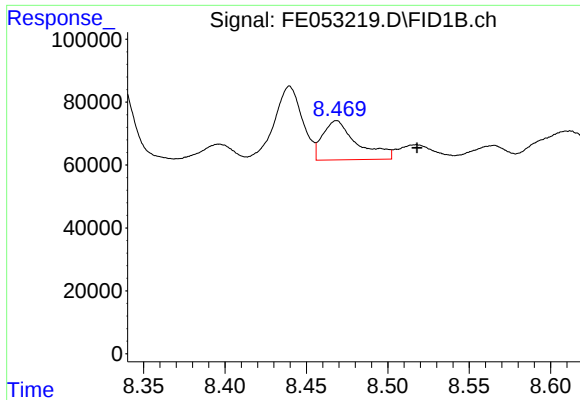
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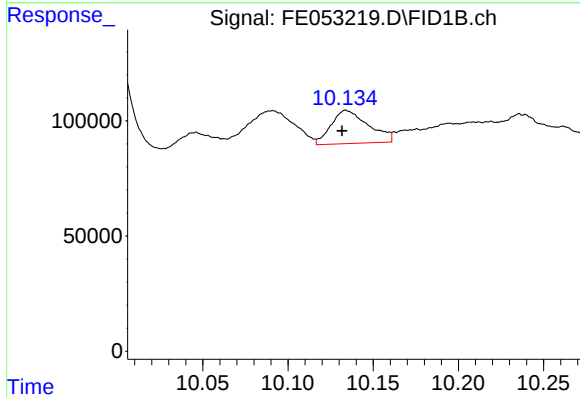




#6 n-Tetradecane (C14)

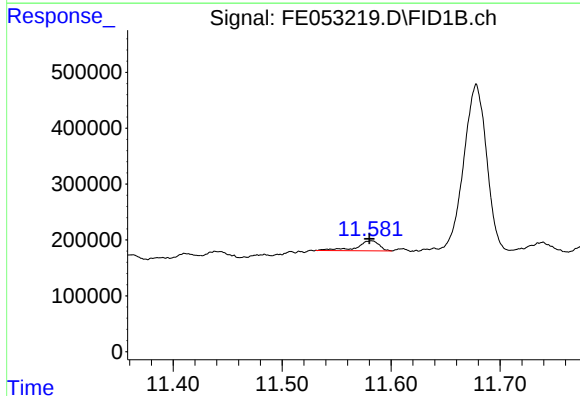
R.T.: 8.468 min
Delta R.T.: -0.050 min
Response: 182805
Conc: 1.19 ug/ml

Instrument :
FID_E
ClientSampleId :



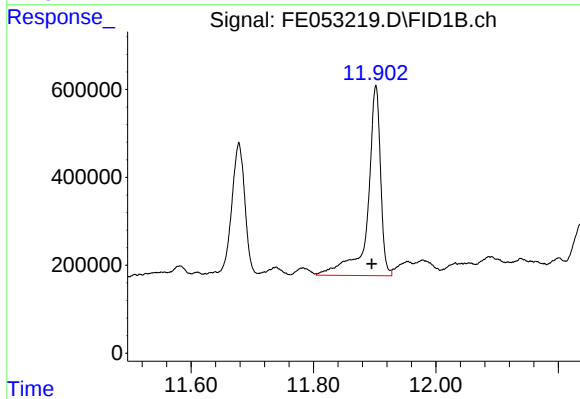
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: 0.003 min
Response: 220035
Conc: 1.43 ug/ml



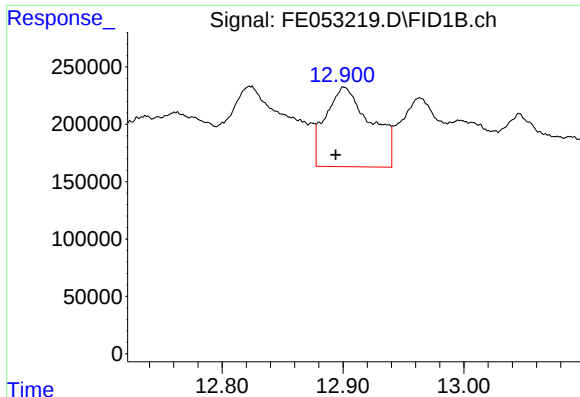
#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: 0.001 min
Response: 259551
Conc: 1.71 ug/ml



#9 ortho-Terphenyl (SURR)

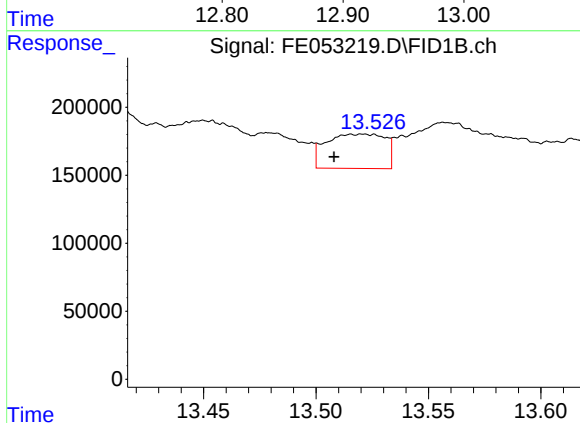
R.T.: 11.902 min
Delta R.T.: 0.007 min
Response: 6335124
Conc: 38.89 ug/ml



#10 n-Eicosane (C20)

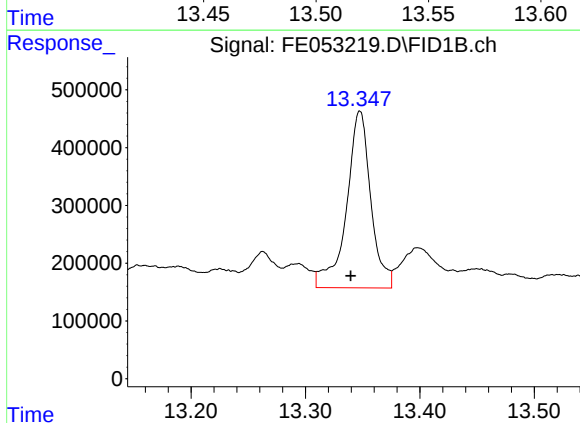
R.T.: 12.901 min
Delta R.T.: 0.007 min
Response: 1809748
Conc: 12.69 ug/ml

Instrument :
FID_E
ClientSampleId :



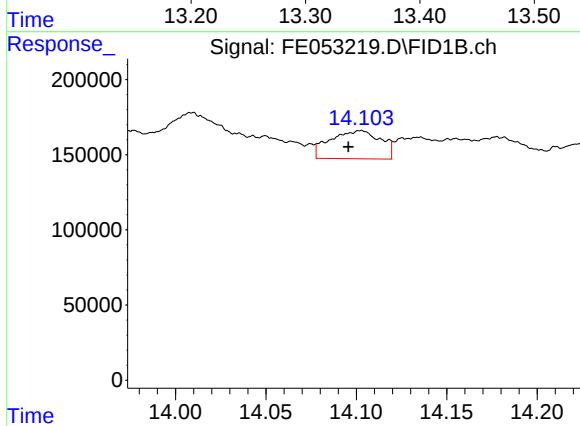
#11 n-Heneicosane (C21)

R.T.: 13.520 min
Delta R.T.: 0.012 min
Response: 462615
Conc: 3.33 ug/ml



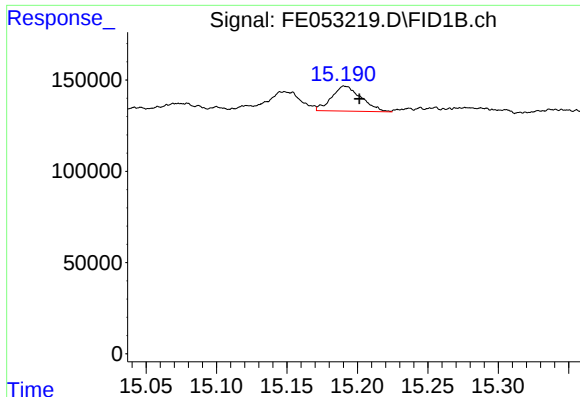
#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min
Delta R.T.: 0.008 min
Response: 4530739
Conc: 37.74 ug/ml



#13 n-Docosane (C22)

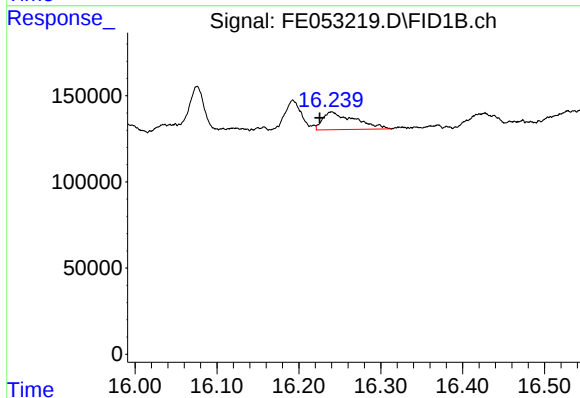
R.T.: 14.102 min
Delta R.T.: 0.006 min
Response: 362199
Conc: 2.64 ug/ml



#14 n-Tetracosane (C24)

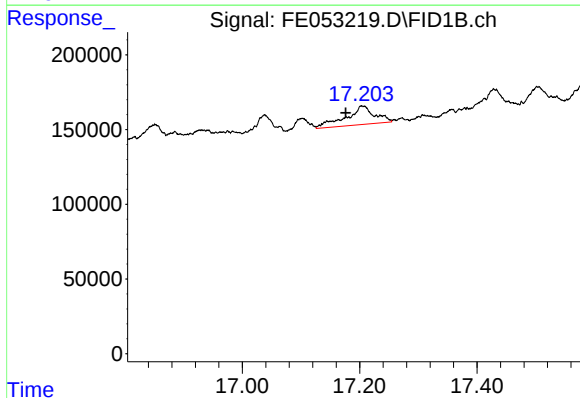
R.T.: 15.192 min
Delta R.T.: -0.010 min
Response: 201307
Conc: 1.49 ug/ml

Instrument :
FID_E
ClientSampleId :



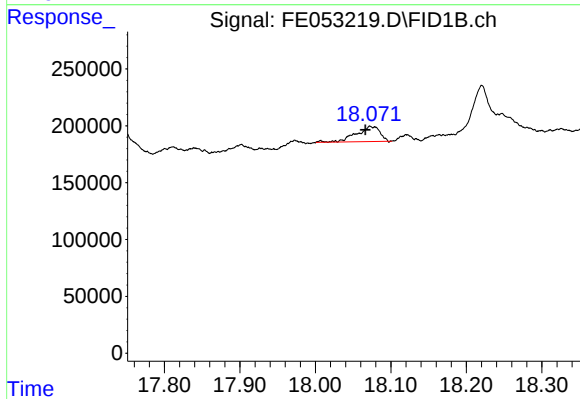
#15 n-Hexacosane (C26)

R.T.: 16.240 min
Delta R.T.: 0.015 min
Response: 280642
Conc: 2.10 ug/ml



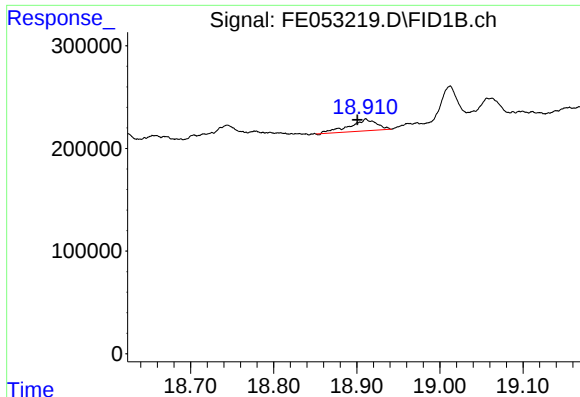
#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: 0.029 min
Response: 423168
Conc: 3.21 ug/ml



#17 n-Tricontane (C30)

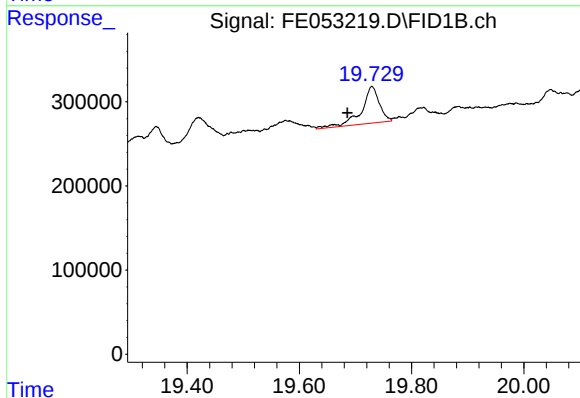
R.T.: 18.074 min
Delta R.T.: 0.008 min
Response: 287344
Conc: 2.12 ug/ml



#18 n-Dotriacontane (C32)

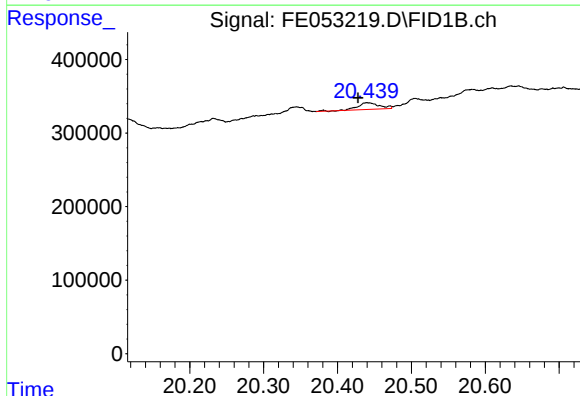
R.T.: 18.912 min
Delta R.T.: 0.011 min
Response: 257436
Conc: 1.91 ug/ml

Instrument :
FID_E
ClientSampleId :



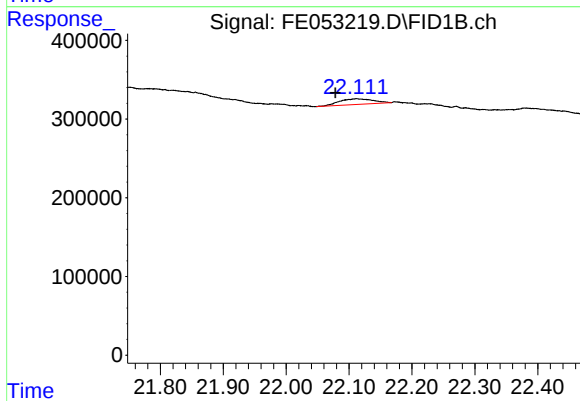
#19 n-Tetratriacontane (C34)

R.T.: 19.729 min
Delta R.T.: 0.044 min
Response: 963280
Conc: 7.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.441 min
Delta R.T.: 0.013 min
Response: 182489
Conc: 1.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.112 min
Delta R.T.: 0.034 min
Response: 265291
Conc: 2.36 ug/ml