

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE030625AL\
 Data File : FE052666.D
 Signal(s) : FID1B.ch
 Acq On : 06 Mar 2025 18:19
 Operator : YP\AJ
 Sample : Q1494-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 07 02:10:15 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)	11.917	3693784	21.910 ug/ml
Spiked Amount 50.000		Recovery =	43.82%
12) S 1-chlorooctadecane (S...	13.362	2702031	22.252 ug/ml
Spiked Amount 50.000		Recovery =	44.50%
Target Compounds			
7) T n-Hexadecane (C16)	10.151	117180	0.766 ug/ml
8) T n-Octadecane (C18)	11.599	358272	2.355 ug/ml
10) T n-Eicosane (C20)	12.916	347316	2.392 ug/ml
11) T n-Heneicosane (C21)	13.531	137223	0.964 ug/ml
13) T n-Docosane (C22)	14.118	276968	1.946 ug/ml
14) T n-Tetracosane (C24)	15.225	247279	1.728 ug/ml
15) T n-Hexacosane (C26)	16.251	472334	3.322 ug/ml
16) T n-Octacosane (C28)	17.205	717796	5.048 ug/ml
17) T n-Tricontane (C30)	18.095	907457	6.144 ug/ml
18) T n-Dotriacontane (C32)	18.931	495268	3.411 ug/ml
19) T n-Tetratriacontane (C34)	19.720	406715	3.018 ug/ml
20) T n-Hexatriacontane (C36)	20.465	278382	2.343 ug/ml
21) T n-Octatriacontane (C38)	21.211	306564	2.763 ug/ml
22) T n-Tetracontane (C40)	22.138	414364	3.833 ug/ml

(f)=RT Delta > 1/2 Window

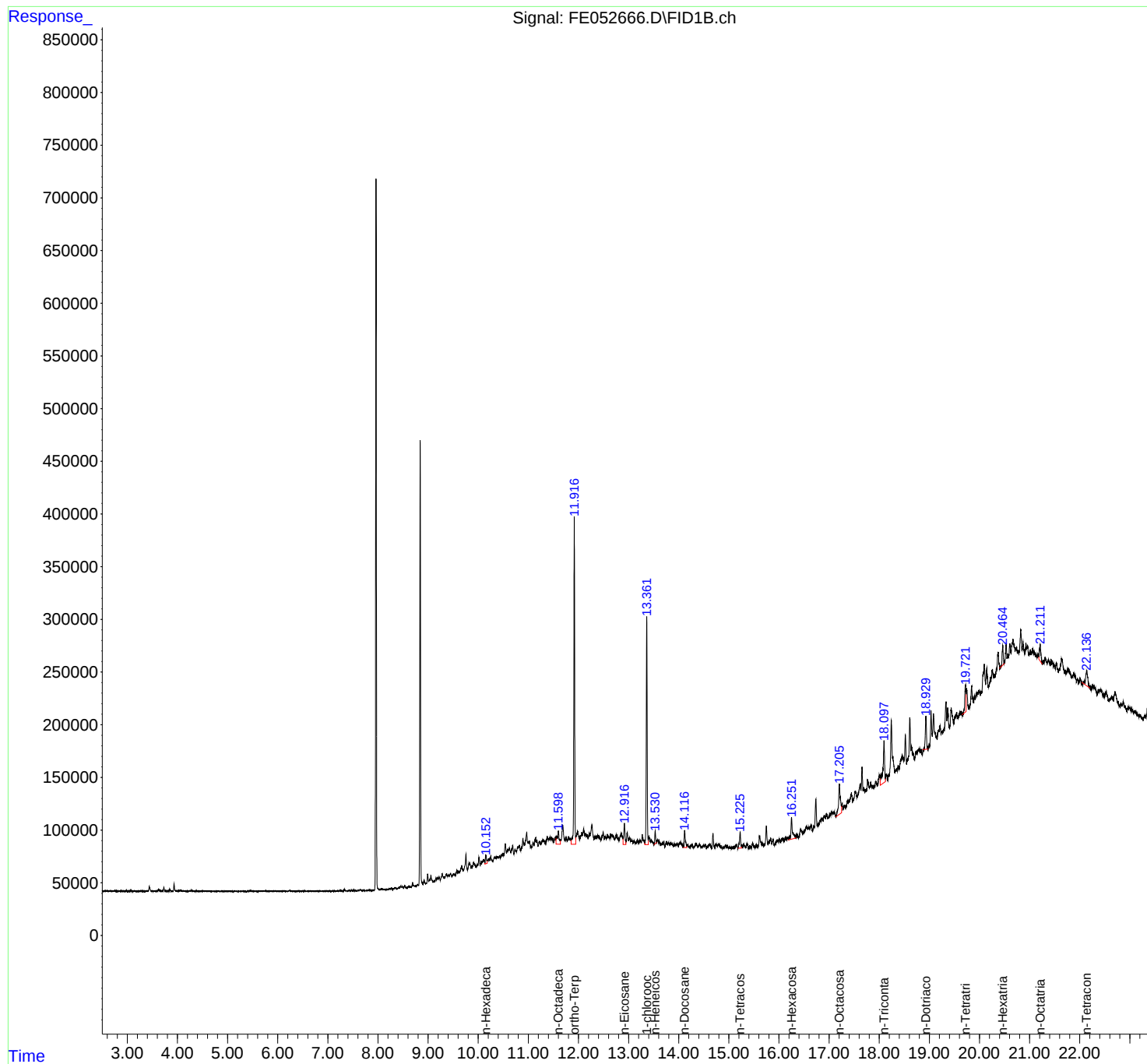
(m)=manual int.

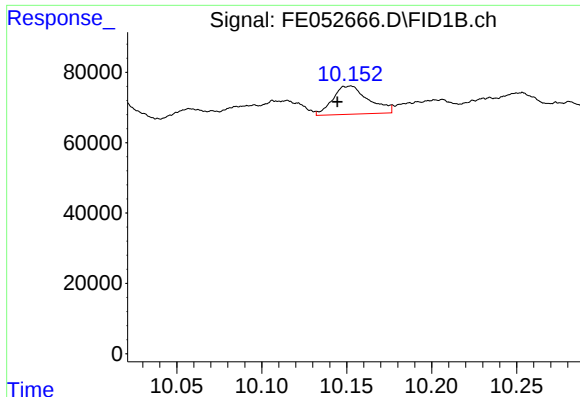
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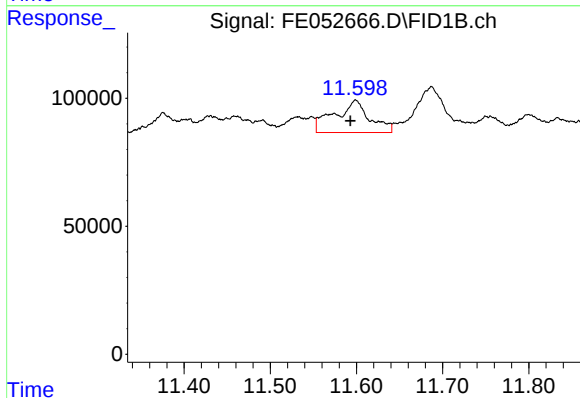




#7 n-Hexadecane (C16)

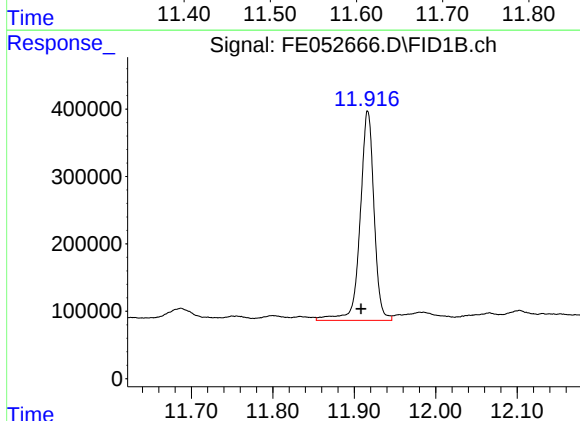
R.T.: 10.151 min
Delta R.T.: 0.007 min
Response: 117180
Conc: 0.77 ug/ml

Instrument :
FID_E
ClientSampleId :



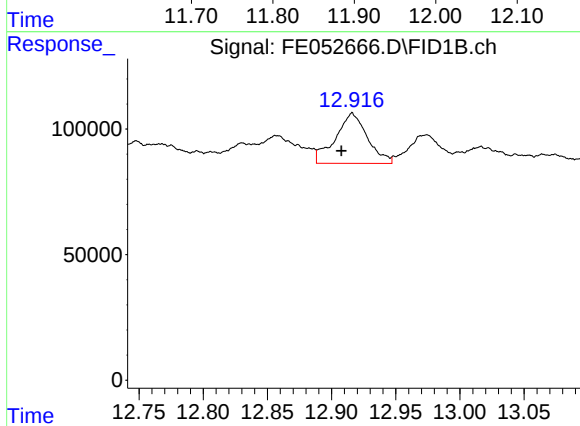
#8 n-Octadecane (C18)

R.T.: 11.599 min
Delta R.T.: 0.006 min
Response: 358272
Conc: 2.35 ug/ml



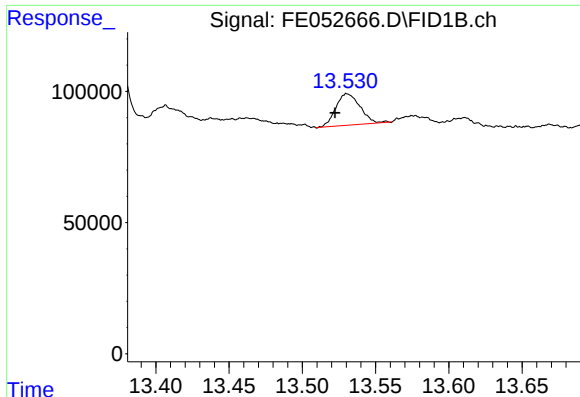
#9 ortho-Terphenyl (SURR)

R.T.: 11.917 min
Delta R.T.: 0.008 min
Response: 3693784
Conc: 21.91 ug/ml



#10 n-Eicosane (C20)

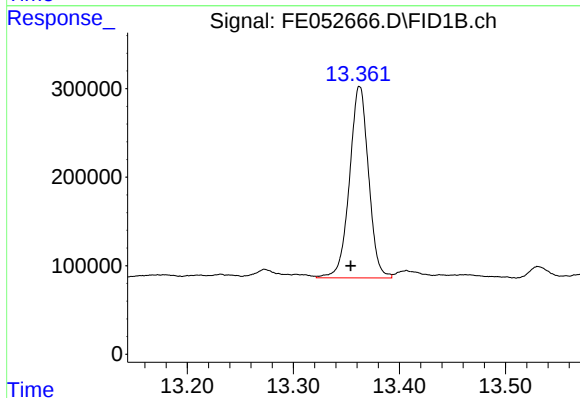
R.T.: 12.916 min
Delta R.T.: 0.009 min
Response: 347316
Conc: 2.39 ug/ml



#11 n-Heneicosane (C21)

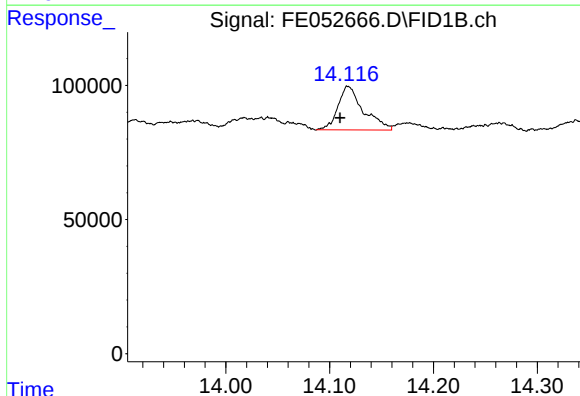
R.T.: 13.531 min
Delta R.T.: 0.009 min
Response: 137223
Conc: 0.96 ug/ml

Instrument :
FID_E
ClientSampleId :



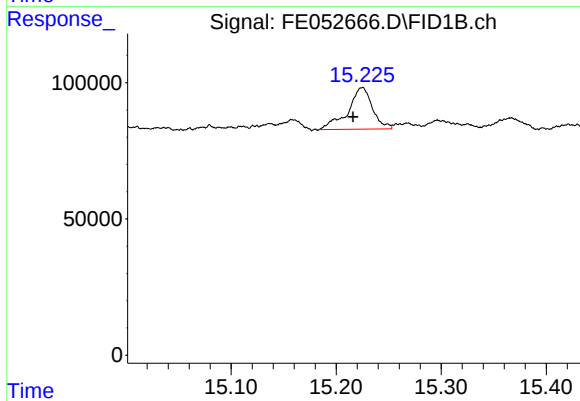
#12 1-chlorooctadecane (SURR)

R.T.: 13.362 min
Delta R.T.: 0.008 min
Response: 2702031
Conc: 22.25 ug/ml



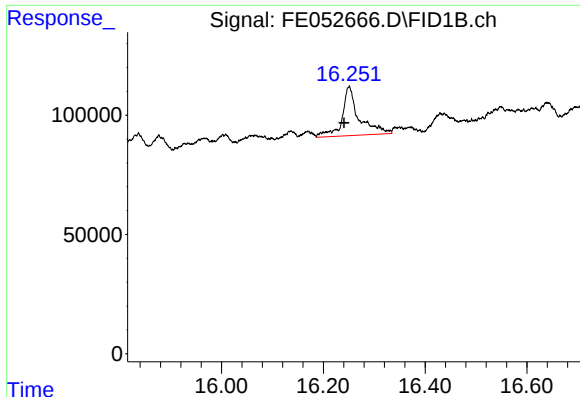
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: 0.008 min
Response: 276968
Conc: 1.95 ug/ml



#14 n-Tetracosane (C24)

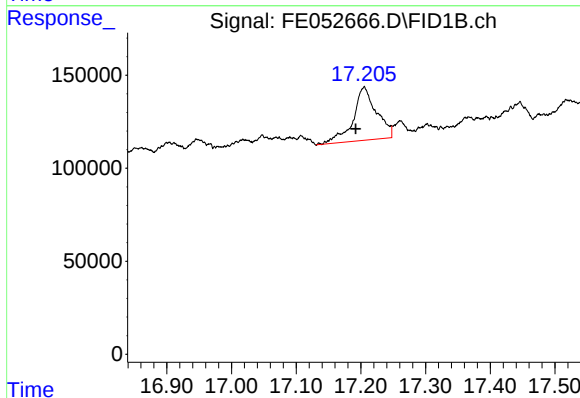
R.T.: 15.225 min
Delta R.T.: 0.009 min
Response: 247279
Conc: 1.73 ug/ml



#15 n-Hexacosane (C26)

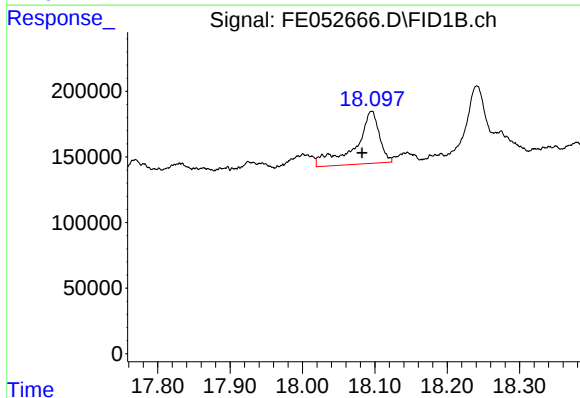
R.T.: 16.251 min
Delta R.T.: 0.010 min
Response: 472334
Conc: 3.32 ug/ml

Instrument :
FID_E
ClientSampleId :



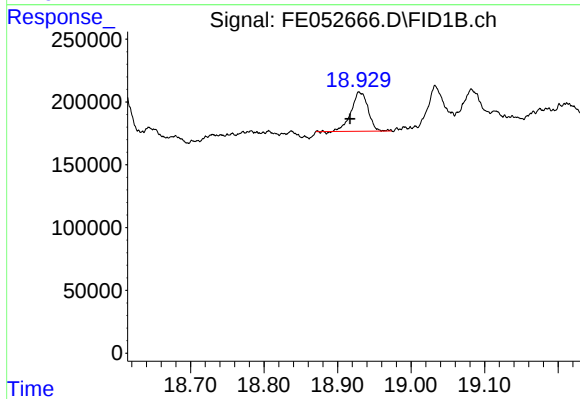
#16 n-Octacosane (C28)

R.T.: 17.205 min
Delta R.T.: 0.013 min
Response: 717796
Conc: 5.05 ug/ml



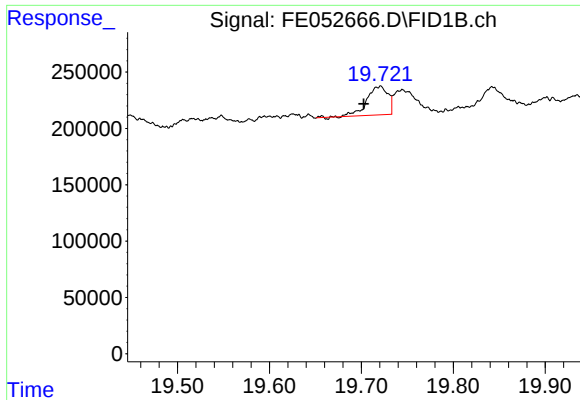
#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: 0.013 min
Response: 907457
Conc: 6.14 ug/ml



#18 n-Dotriacontane (C32)

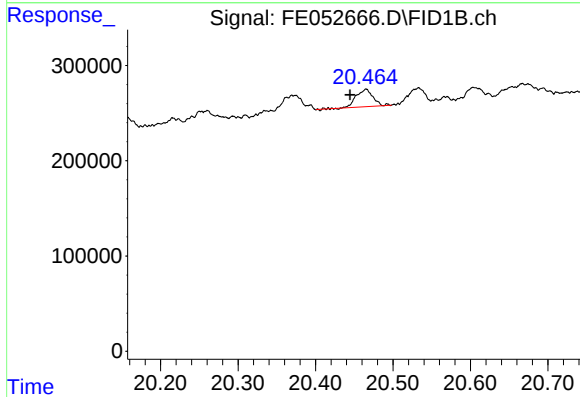
R.T.: 18.931 min
Delta R.T.: 0.014 min
Response: 495268
Conc: 3.41 ug/ml



#19 n-Tetratriacontane (C34)

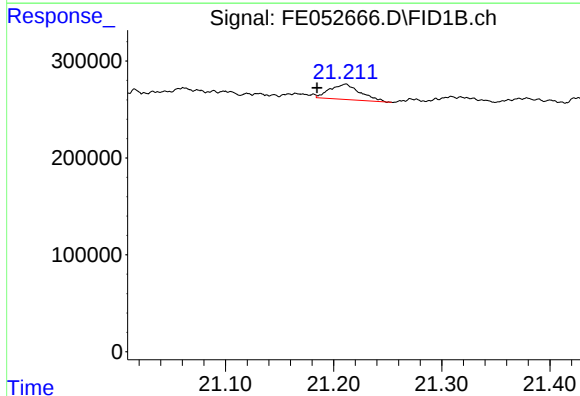
R.T.: 19.720 min
Delta R.T.: 0.017 min
Response: 406715
Conc: 3.02 ug/ml

Instrument :
FID_E
ClientSampleId :



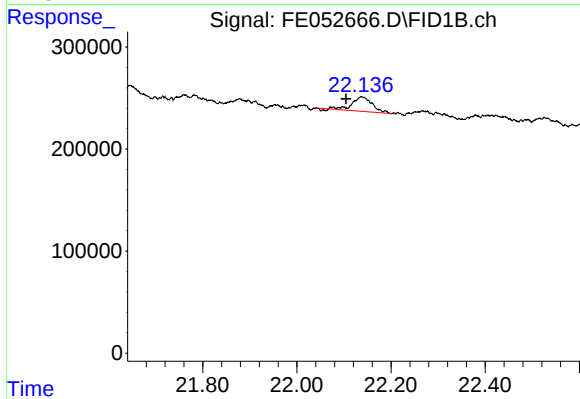
#20 n-Hexatriacontane (C36)

R.T.: 20.465 min
Delta R.T.: 0.020 min
Response: 278382
Conc: 2.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.211 min
Delta R.T.: 0.026 min
Response: 306564
Conc: 2.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.138 min
Delta R.T.: 0.034 min
Response: 414364
Conc: 3.83 ug/ml