

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100923AL\
 Data File : FE044743.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2023 21:50
 Operator : YP\AJ
 Sample : 04801-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 09 23:46:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 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)	11.918	5132478	27.338 ug/ml
Spiked Amount 50.000		Recovery =	54.68%
12) S 1-chlorooctadecane (S...	13.359	3781411	27.796 ug/ml
Spiked Amount 50.000		Recovery =	55.59%
Target Compounds			
4) T n-Dodecane (C12)	6.716	201119	1.209 ug/ml
5) T A~2-methylnaphthalene...	7.352	214306	1.253 ug/ml
6) T n-Tetradecane (C14)	8.544	1377677	8.392 ug/ml
7) T n-Hexadecane (C16)	10.154	1999147	11.801 ug/ml
8) T n-Octadecane (C18)	11.601	1798370	10.592 ug/ml
10) T n-Eicosane (C20)	12.912	1075521	6.685 ug/ml
11) T n-Heneicosane (C21)	13.525	717053	4.579 ug/ml
13) T n-Docosane (C22)	14.112	498129	3.230 ug/ml
14) T n-Tetracosane (C24)	15.216	181495	1.201 ug/ml
16) T n-Octacosane (C28)	17.191	52945	0.369 ug/ml
17) T n-Tricontane (C30)	18.081	109853	0.741 ug/ml
18) T n-Dotriacontane (C32)	18.914	182661	1.234 ug/ml
19) T n-Tetratriacontane (C34)	19.717	222338	1.521 ug/ml
22) T n-Tetracontane (C40)	22.103	234158	1.484 ug/ml

(f)=RT Delta > 1/2 Window

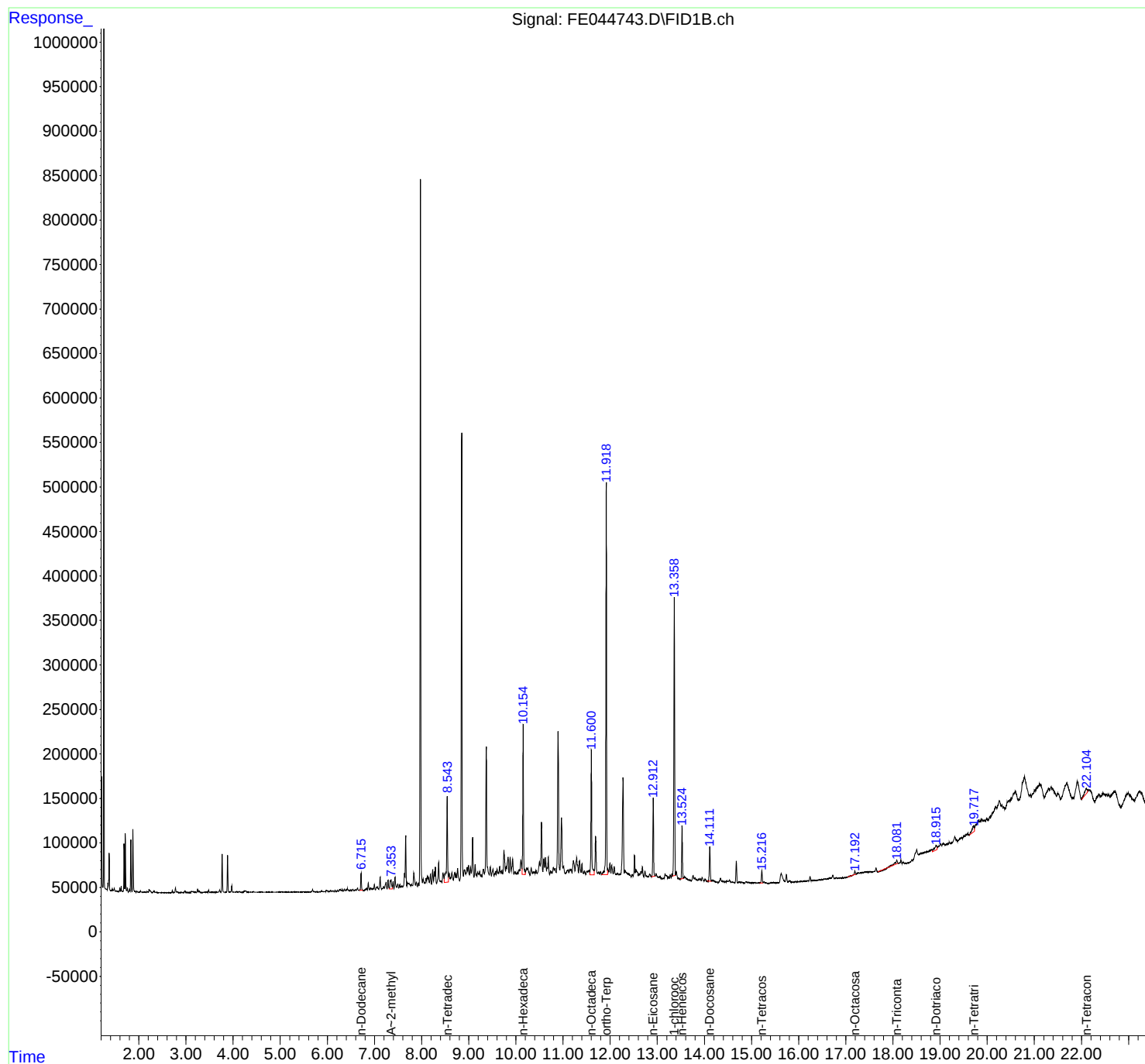
(m)=manual int.

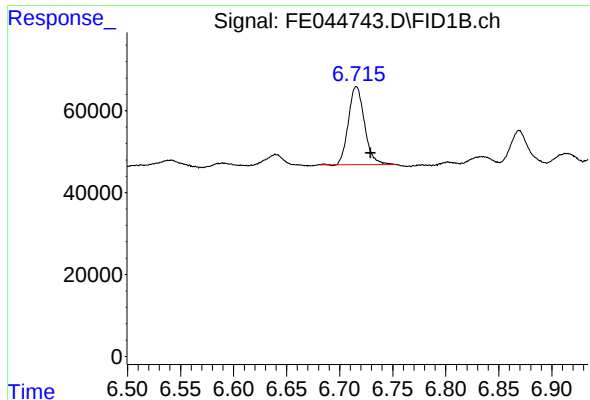
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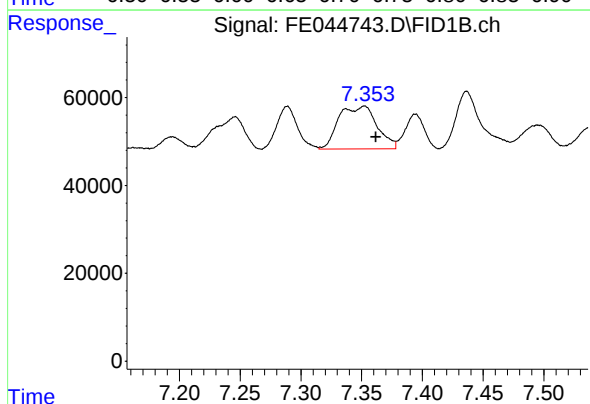




#4 n-Dodecane (C12)

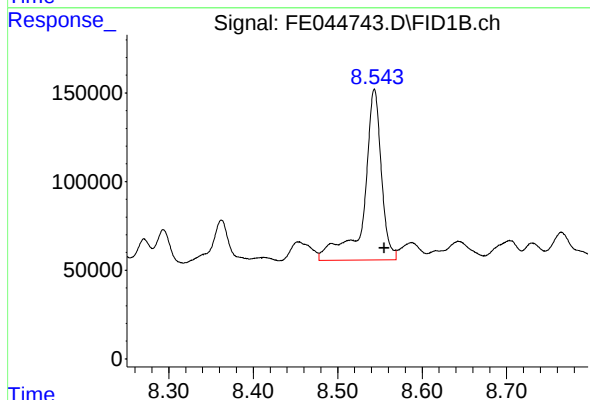
R.T.: 6.716 min
Delta R.T.: -0.013 min
Response: 201119
Conc: 1.21 ug/ml

Instrument :
FID_E
ClientSampleId :



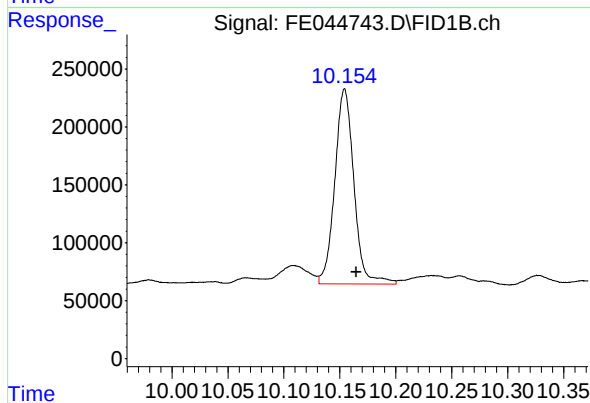
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.352 min
Delta R.T.: -0.009 min
Response: 214306
Conc: 1.25 ug/ml



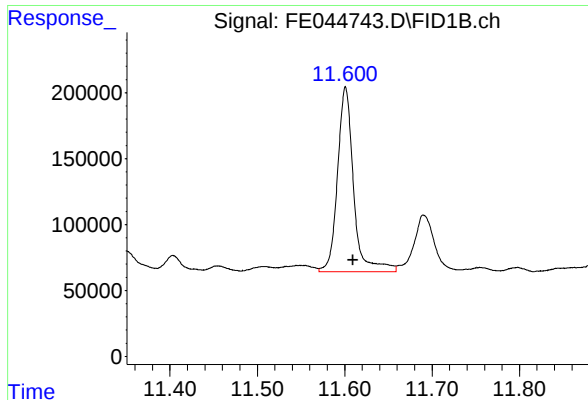
#6 n-Tetradecane (C14)

R.T.: 8.544 min
Delta R.T.: -0.012 min
Response: 1377677
Conc: 8.39 ug/ml



#7 n-Hexadecane (C16)

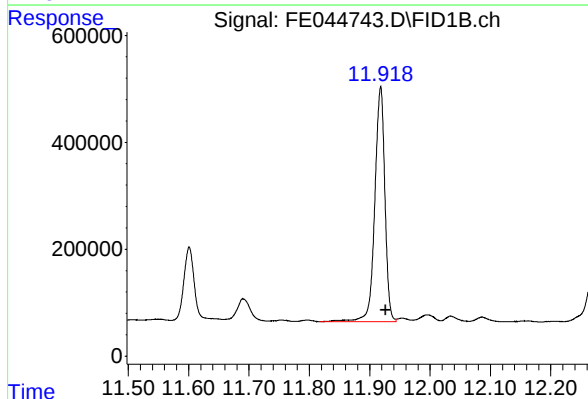
R.T.: 10.154 min
Delta R.T.: -0.010 min
Response: 1999147
Conc: 11.80 ug/ml



#8 n-Octadecane (C18)

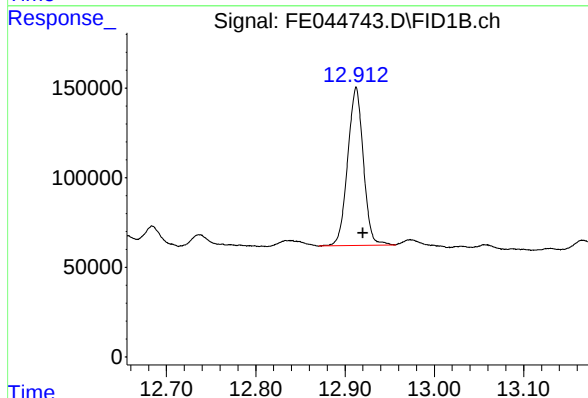
R.T.: 11.601 min
Delta R.T.: -0.008 min
Response: 1798370
Conc: 10.59 ug/ml

Instrument :
FID_E
ClientSampleId :



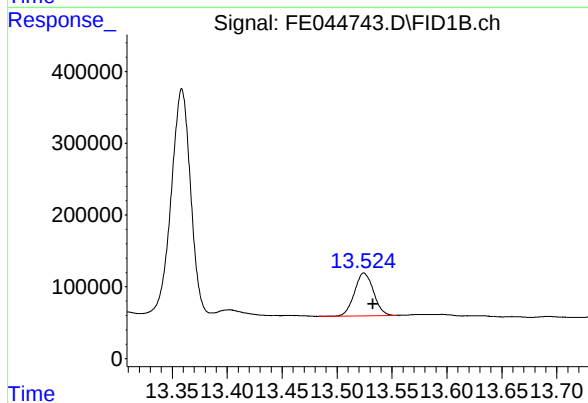
#9 ortho-Terphenyl (SURR)

R.T.: 11.918 min
Delta R.T.: -0.008 min
Response: 5132478
Conc: 27.34 ug/ml



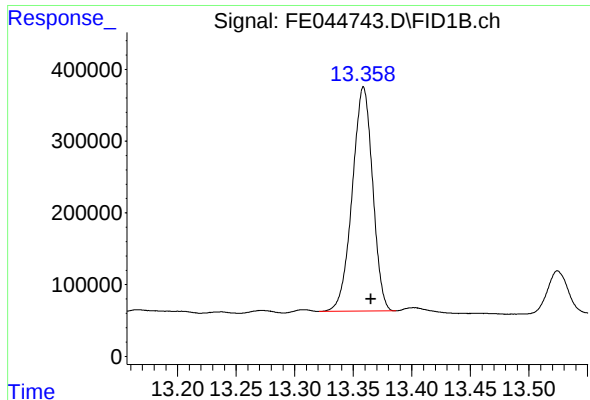
#10 n-Eicosane (C20)

R.T.: 12.912 min
Delta R.T.: -0.008 min
Response: 1075521
Conc: 6.68 ug/ml



#11 n-Heneicosane (C21)

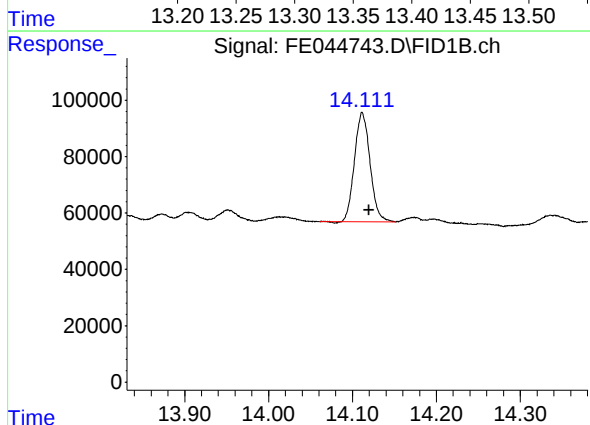
R.T.: 13.525 min
Delta R.T.: -0.008 min
Response: 717053
Conc: 4.58 ug/ml



#12 1-chlorooctadecane (SURR)

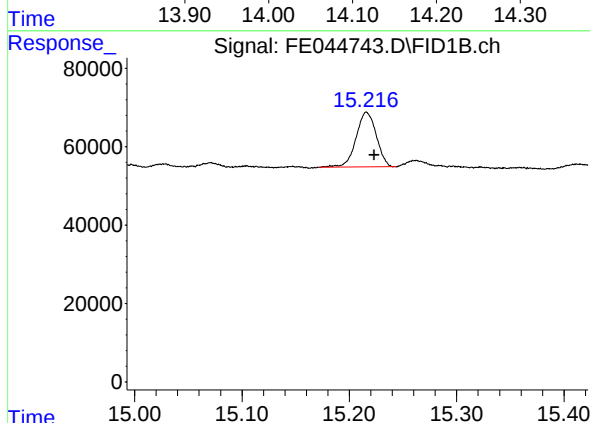
R.T.: 13.359 min
Delta R.T.: -0.006 min
Response: 3781411
Conc: 27.80 ug/ml

Instrument :
FID_E
ClientSampleId :



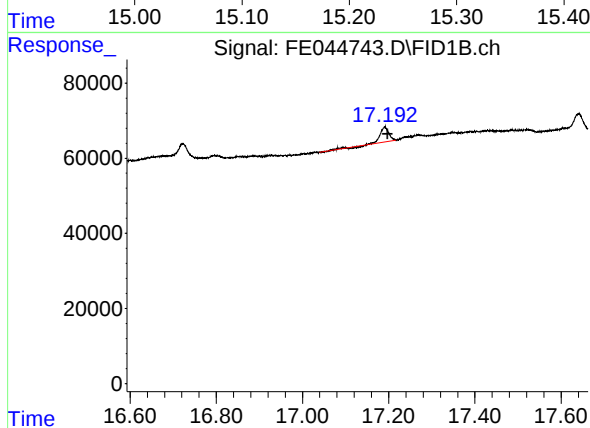
#13 n-Docosane (C22)

R.T.: 14.112 min
Delta R.T.: -0.008 min
Response: 498129
Conc: 3.23 ug/ml



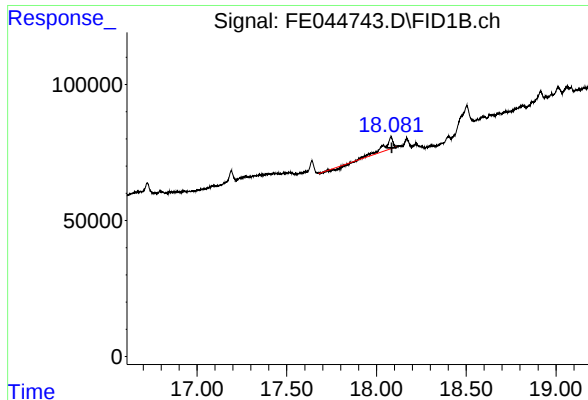
#14 n-Tetracosane (C24)

R.T.: 15.216 min
Delta R.T.: -0.007 min
Response: 181495
Conc: 1.20 ug/ml



#16 n-Octacosane (C28)

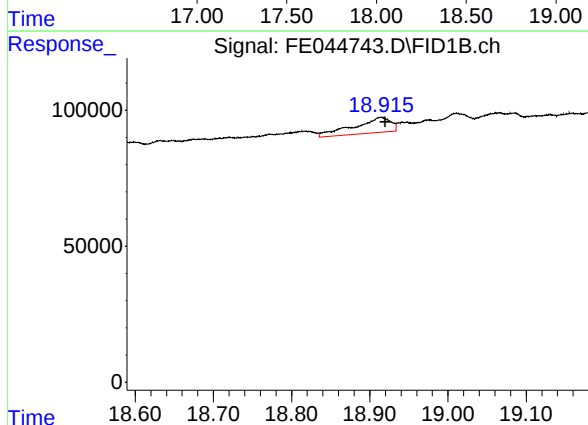
R.T.: 17.191 min
Delta R.T.: -0.006 min
Response: 52945
Conc: 0.37 ug/ml



#17 n-Tricontane (C30)

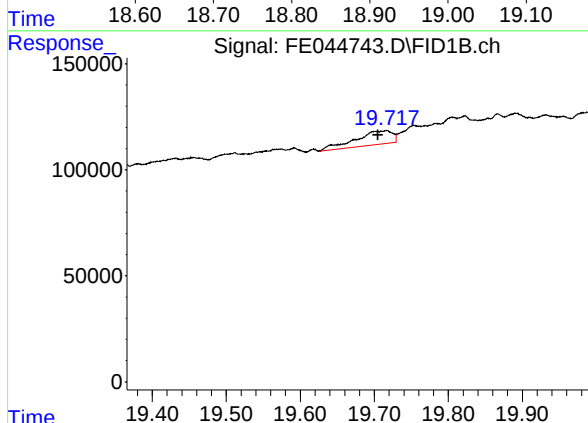
R.T.: 18.081 min
Delta R.T.: -0.006 min
Response: 109853
Conc: 0.74 ug/ml

Instrument :
FID_E
ClientSampleId :



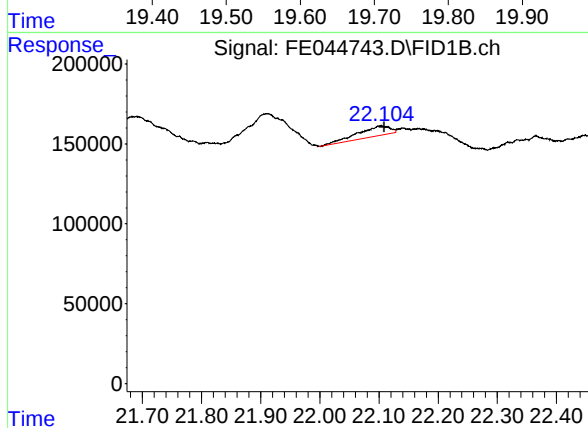
#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.005 min
Response: 182661
Conc: 1.23 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.717 min
Delta R.T.: 0.012 min
Response: 222338
Conc: 1.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.103 min
Delta R.T.: -0.006 min
Response: 234158
Conc: 1.48 ug/ml