

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101923AL\
 Data File : FE044938.D
 Signal(s) : FID1B.ch
 Acq On : 19 Oct 2023 23:29
 Operator : YP\AJ
 Sample : 04843-01DL 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 20 01:18:24 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)	11.921	74787099	373.067 ug/ml
Spiked Amount 50.000		Recovery =	746.13%
12) S 1-chlorooctadecane (S...	13.362	22412546	151.451 ug/ml
Spiked Amount 50.000		Recovery =	302.90%
Target Compounds			
5) T A~2-methylnaphthalene...	7.364	47969	0.266 ug/ml
6) T n-Tetradecane (C14)	8.539	627704	3.661 ug/ml
7) T n-Hexadecane (C16)	10.155	8728951	49.917 ug/ml
8) T n-Octadecane (C18)	11.600	13067505	74.922 ug/ml
10) T n-Eicosane (C20)	12.901	16970114	101.599 ug/ml
11) T n-Heneicosane (C21)	13.512	25424331	155.966 ug/ml
13) T n-Docosane (C22)	14.105	6892200	43.089 ug/ml
14) T n-Tetracosane (C24)	15.217	5647084	36.387 ug/ml
15) T n-Hexacosane (C26)	16.245	849383	5.657 ug/ml
18) T n-Dotriacontane (C32)	18.892	160203	1.067 ug/ml
19) T n-Tetratriacontane (C34)	19.688	52250	0.351 ug/ml
20) T n-Hexatriacontane (C36)	20.478	101010	0.657 ug/ml

(f)=RT Delta > 1/2 Window

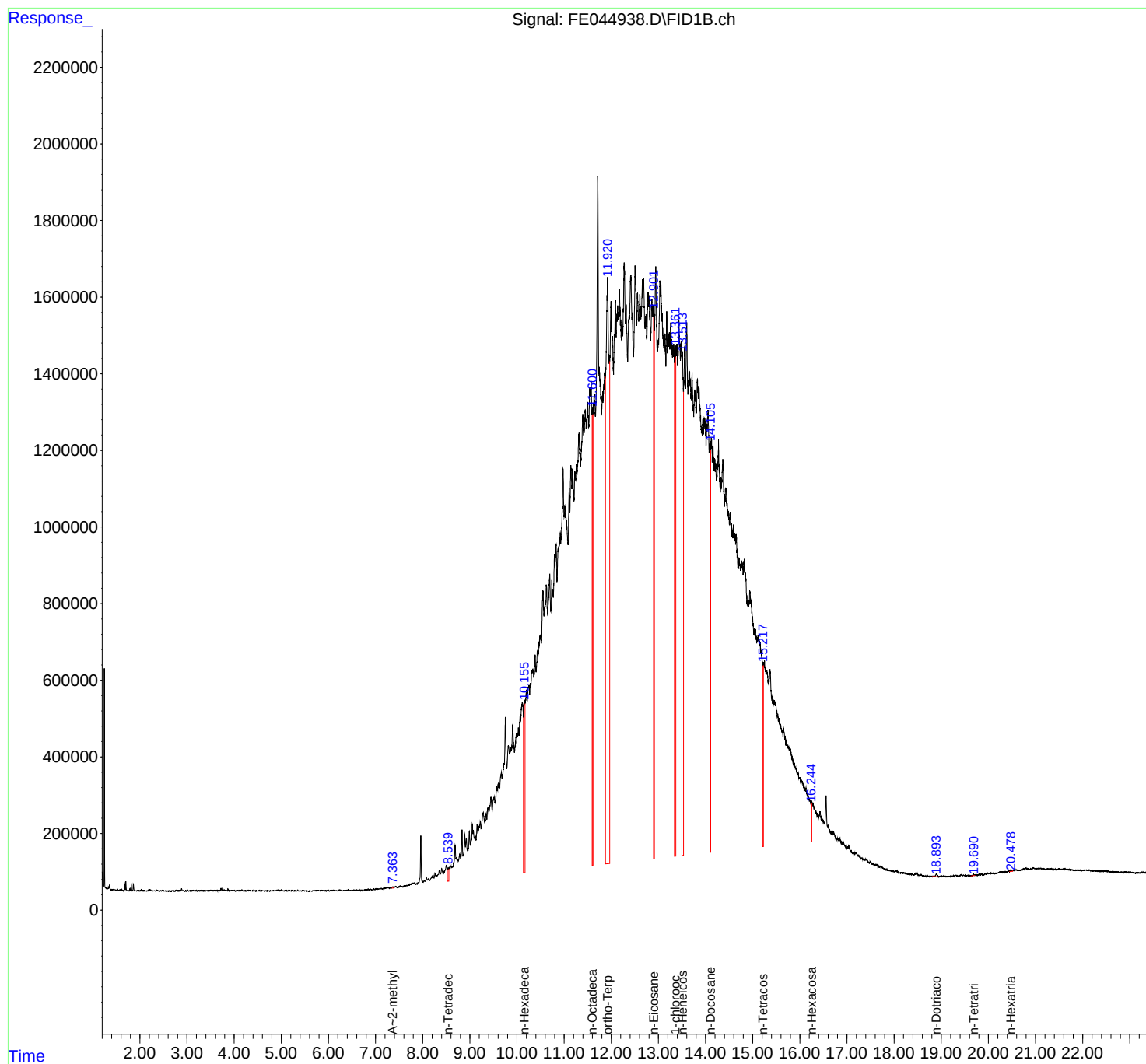
(m)=manual int.

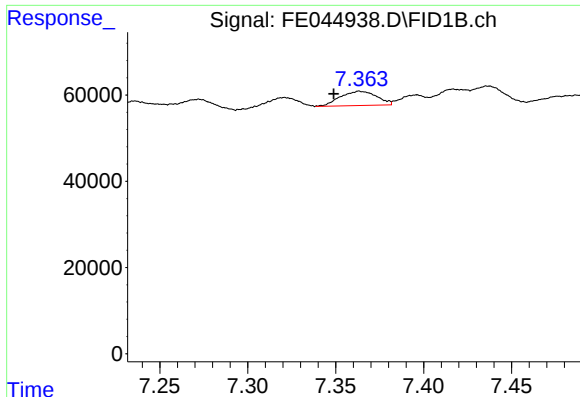
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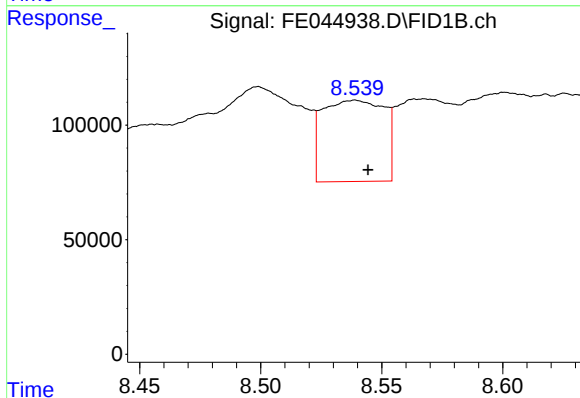




#5 A~2-methylnaphthalene (C12.89)

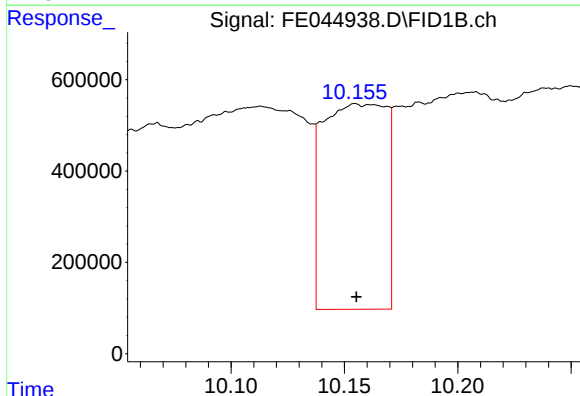
R.T.: 7.364 min
Delta R.T.: 0.015 min
Response: 47969
Conc: 0.27 ug/ml

Instrument :
FID_E
ClientSampleId :



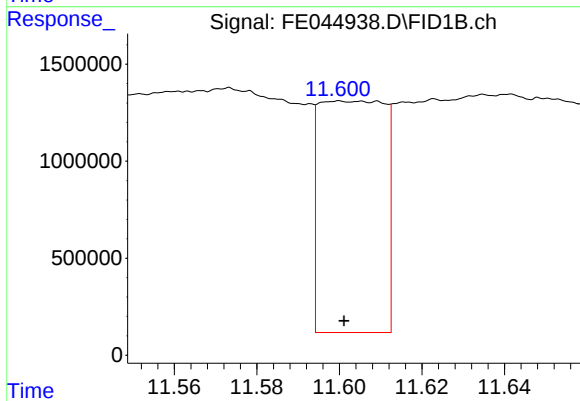
#6 n-Tetradecane (C14)

R.T.: 8.539 min
Delta R.T.: -0.005 min
Response: 627704
Conc: 3.66 ug/ml



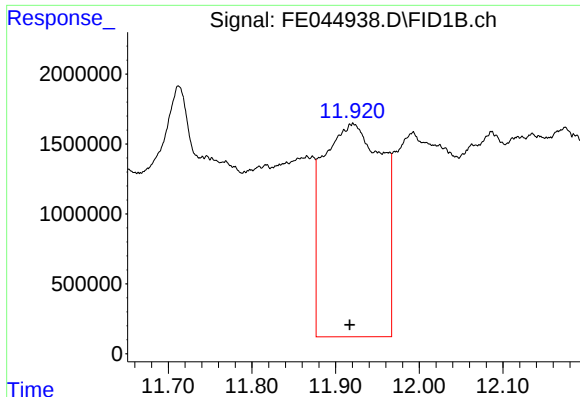
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: 0.000 min
Response: 8728951
Conc: 49.92 ug/ml



#8 n-Octadecane (C18)

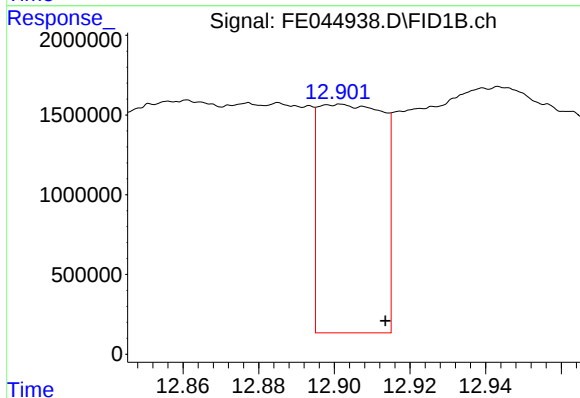
R.T.: 11.600 min
Delta R.T.: -0.001 min
Response: 13067505
Conc: 74.92 ug/ml



#9 ortho-Terphenyl (SURR)

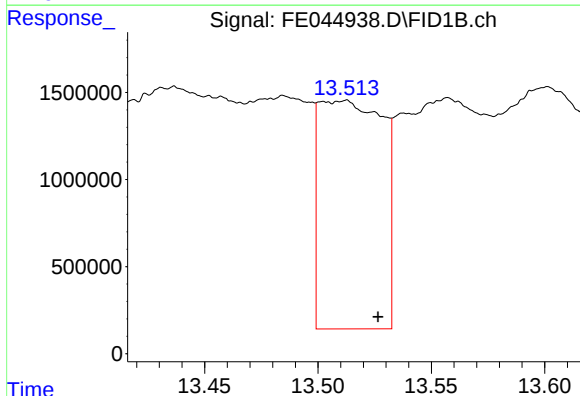
R.T.: 11.921 min
Delta R.T.: 0.004 min
Response: 74787099
Conc: 373.07 ug/ml

Instrument :
FID_E
ClientSampleId :



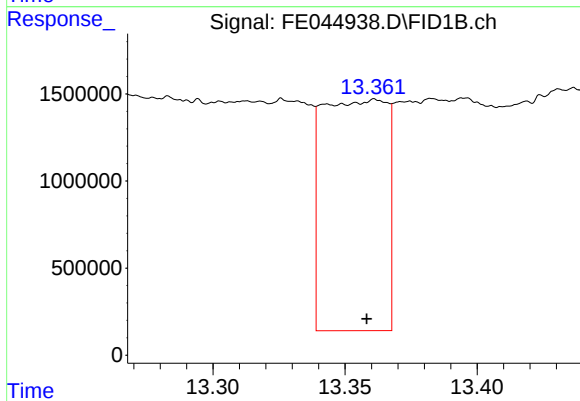
#10 n-Eicosane (C20)

R.T.: 12.901 min
Delta R.T.: -0.012 min
Response: 16970114
Conc: 101.60 ug/ml



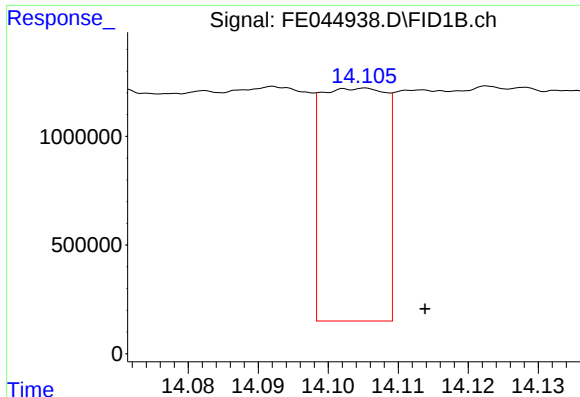
#11 n-Heneicosane (C21)

R.T.: 13.512 min
Delta R.T.: -0.014 min
Response: 25424331
Conc: 155.97 ug/ml



#12 1-chlorooctadecane (SURR)

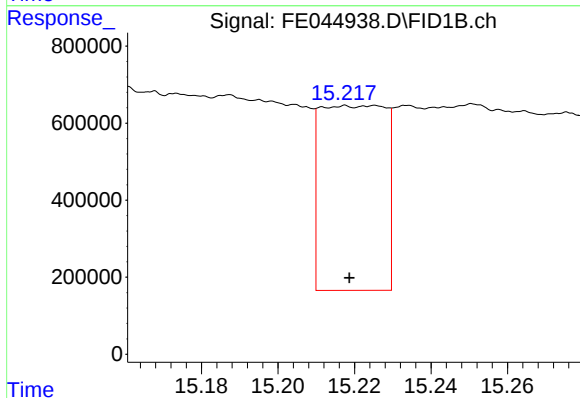
R.T.: 13.362 min
Delta R.T.: 0.003 min
Response: 22412546
Conc: 151.45 ug/ml



#13 n-Docosane (C22)

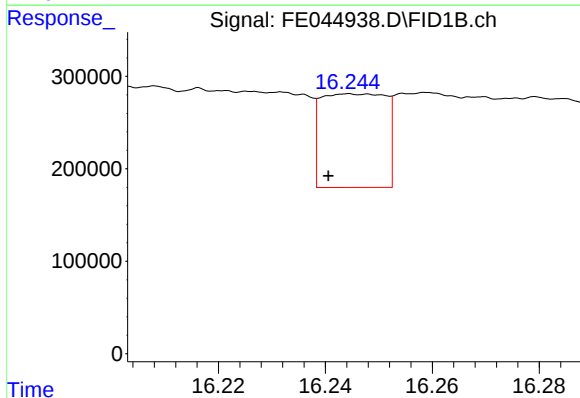
R.T.: 14.105 min
Delta R.T.: -0.009 min
Response: 6892200
Conc: 43.09 ug/ml

Instrument :
FID_E
ClientSampleId :



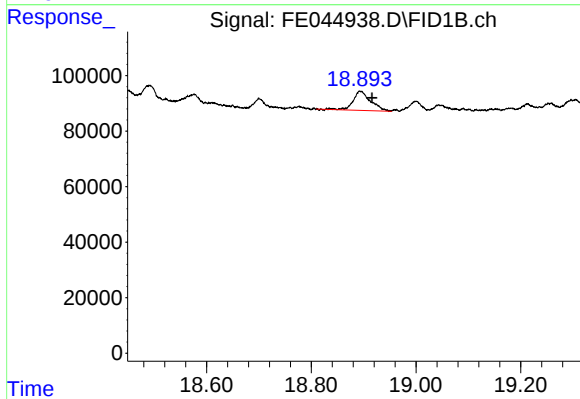
#14 n-Tetracosane (C24)

R.T.: 15.217 min
Delta R.T.: -0.001 min
Response: 5647084
Conc: 36.39 ug/ml



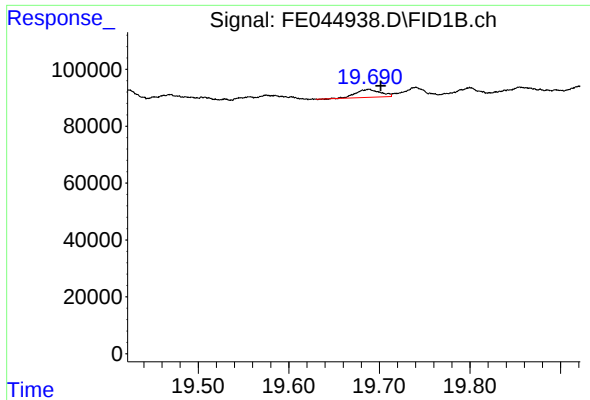
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: 0.004 min
Response: 849383
Conc: 5.66 ug/ml



#18 n-Dotriacontane (C32)

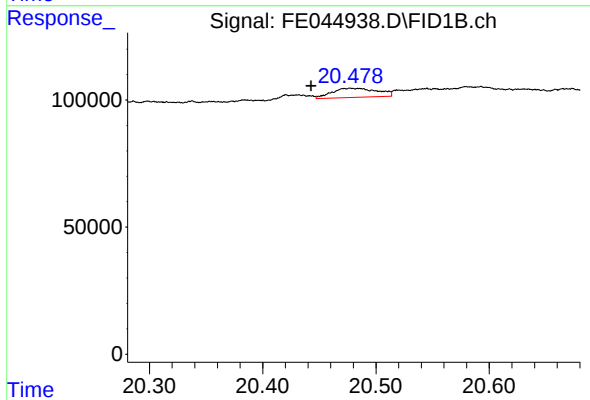
R.T.: 18.892 min
Delta R.T.: -0.024 min
Response: 160203
Conc: 1.07 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: -0.013 min
Response: 52250
Conc: 0.35 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.478 min
Delta R.T.: 0.035 min
Response: 101010
Conc: 0.66 ug/ml