

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045115.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 20:49
 Operator : YP\AJ
 Sample : 05167-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 01 00:03:22 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)	11.910	25601754	127.712 ug/ml
Spiked Amount 50.000		Recovery =	255.42%
12) S 1-chlorooctadecane (S...	13.356	21665059	146.400 ug/ml
Spiked Amount 50.000		Recovery =	292.80%
Target Compounds			
6) T n-Tetradecane (C14)	8.531	560912	3.271 ug/ml
7) T n-Hexadecane (C16)	10.152	7140602	40.834 ug/ml
8) T n-Octadecane (C18)	11.614	8699716	49.879 ug/ml
10) T n-Eicosane (C20)	12.918	13828432	82.790 ug/ml
11) T n-Heneicosane (C21)	13.526	3576557	21.940 ug/ml
13) T n-Docosane (C22)	14.108	17226363	107.696 ug/ml
14) T n-Tetracosane (C24)	15.192	10909745	70.296 ug/ml
16) T n-Octacosane (C28)	17.183	170047	1.158 ug/ml
17) T n-Tricontane (C30)	18.068	74746	0.503 ug/ml
18) T n-Dotriacontane (C32)	18.894	135554	0.903 ug/ml
19) T n-Tetratriacontane (C34)	19.689	464505	3.120 ug/ml
20) T n-Hexatriacontane (C36)	20.430	185534	1.207 ug/ml
22) T n-Tetracontane (C40)	22.050	1764820	10.560 ug/ml

(f)=RT Delta > 1/2 Window

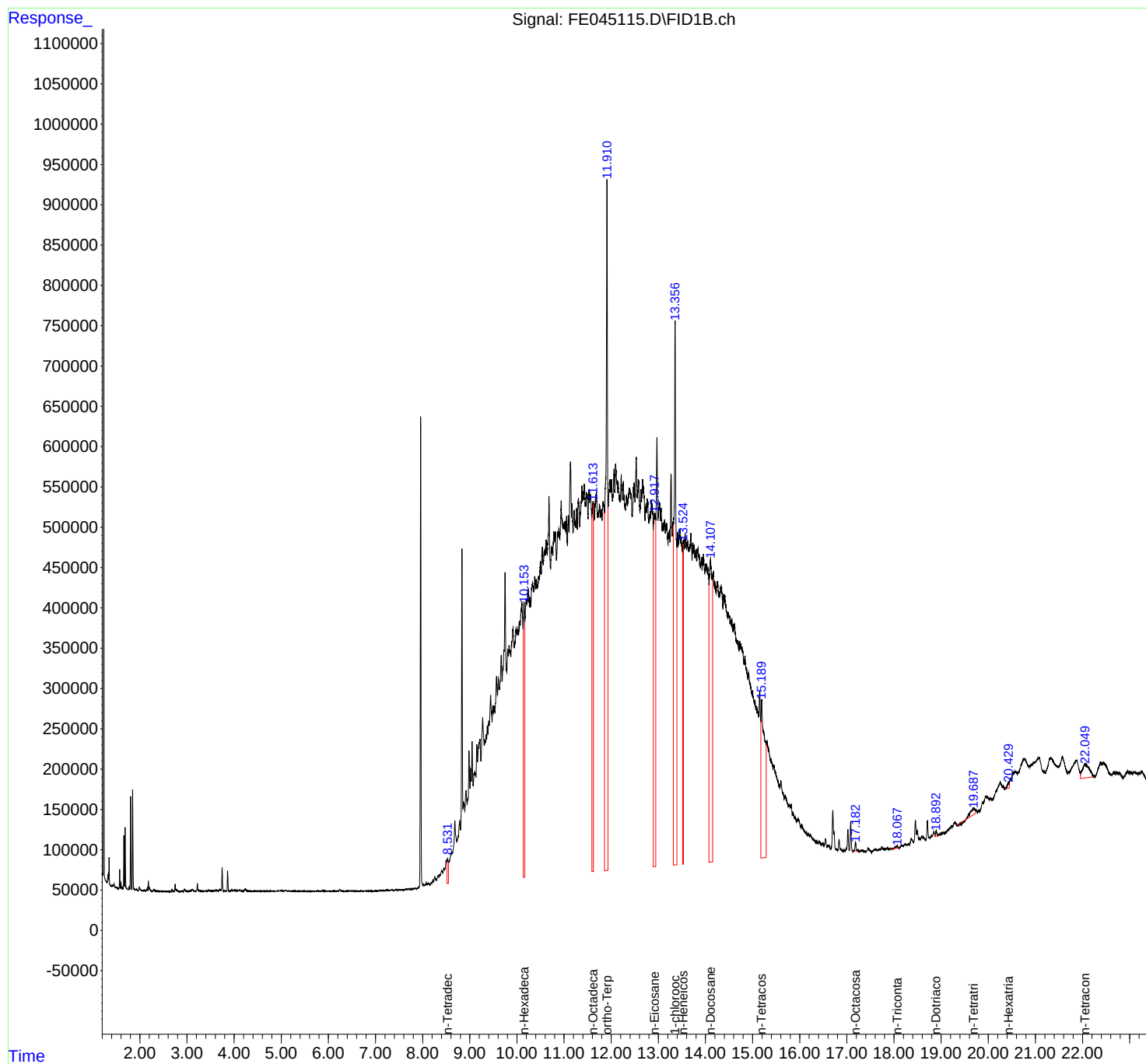
(m)=manual int.

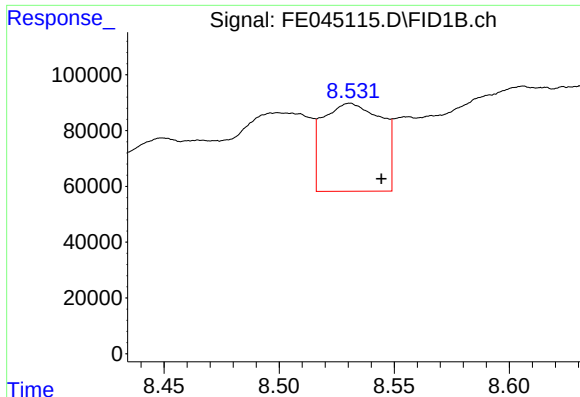
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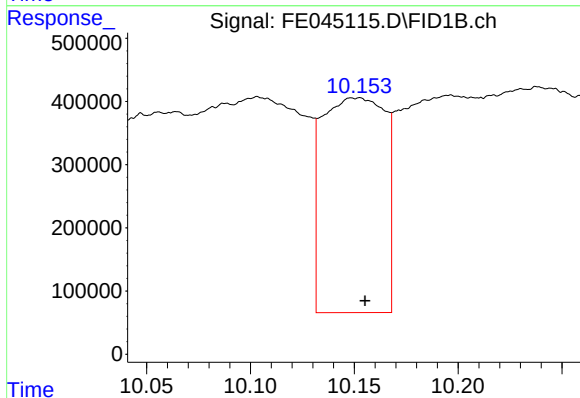




#6 n-Tetradecane (C14)

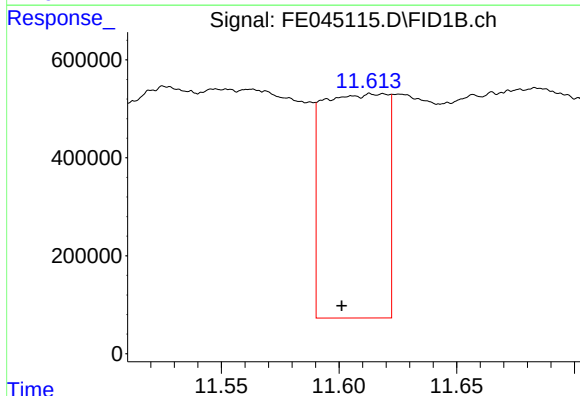
R.T.: 8.531 min
Delta R.T.: -0.014 min
Response: 560912
Conc: 3.27 ug/ml

Instrument :
FID_E
ClientSampleId :



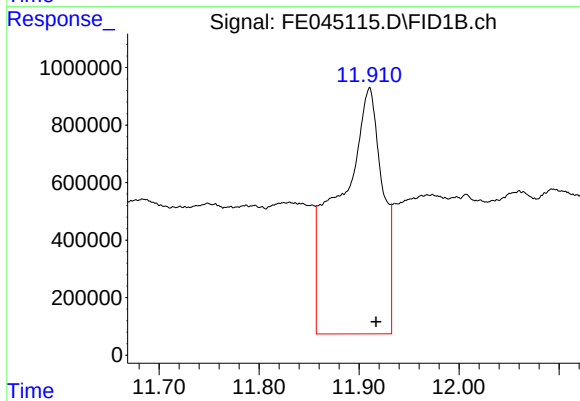
#7 n-Hexadecane (C16)

R.T.: 10.152 min
Delta R.T.: -0.004 min
Response: 7140602
Conc: 40.83 ug/ml



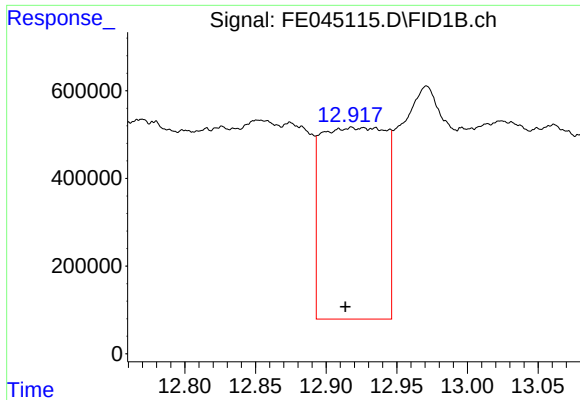
#8 n-Octadecane (C18)

R.T.: 11.614 min
Delta R.T.: 0.013 min
Response: 8699716
Conc: 49.88 ug/ml



#9 ortho-Terphenyl (SURR)

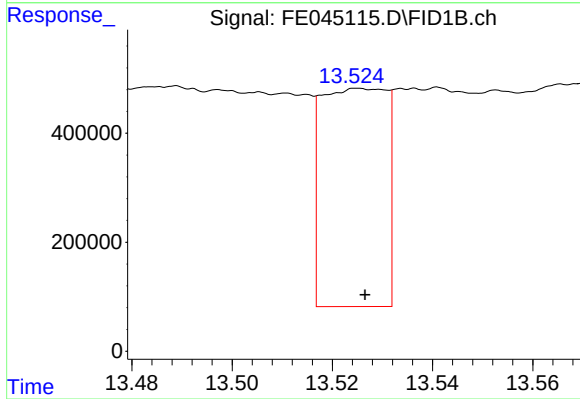
R.T.: 11.910 min
Delta R.T.: -0.007 min
Response: 25601754
Conc: 127.71 ug/ml



#10 n-Eicosane (C20)

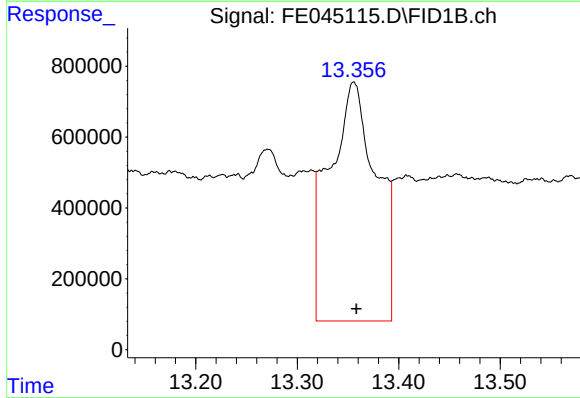
R.T.: 12.918 min
Delta R.T.: 0.005 min
Response: 13828432
Conc: 82.79 ug/ml

Instrument :
FID_E
ClientSampleId :



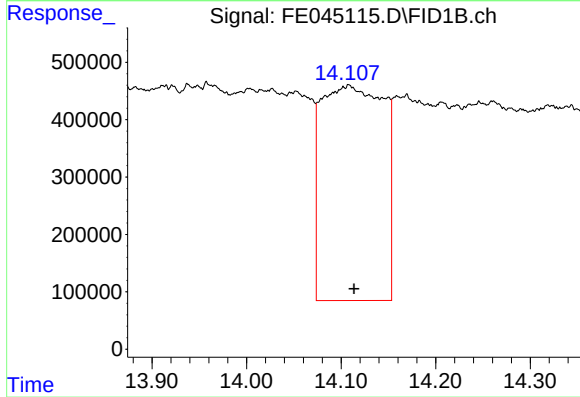
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: 0.000 min
Response: 3576557
Conc: 21.94 ug/ml



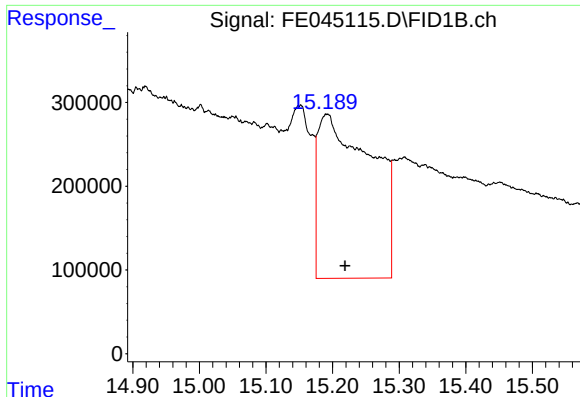
#12 1-chlorooctadecane (SURR)

R.T.: 13.356 min
Delta R.T.: -0.003 min
Response: 21665059
Conc: 146.40 ug/ml



#13 n-Docosane (C22)

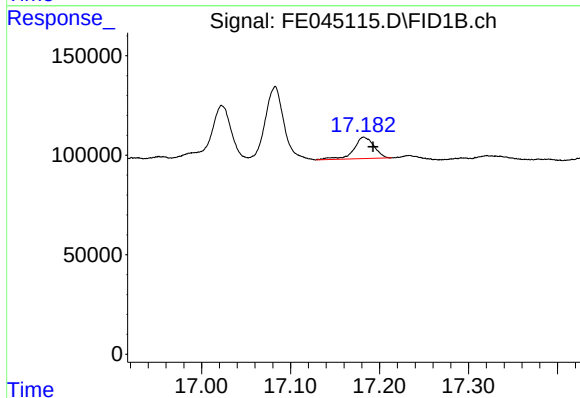
R.T.: 14.108 min
Delta R.T.: -0.005 min
Response: 17226363
Conc: 107.70 ug/ml



#14 n-Tetracosane (C24)

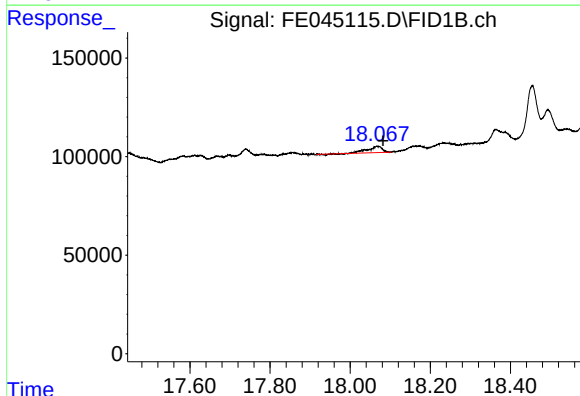
R.T.: 15.192 min
Delta R.T.: -0.027 min
Response: 10909745
Conc: 70.30 ug/ml

Instrument :
FID_E
ClientSampleId :



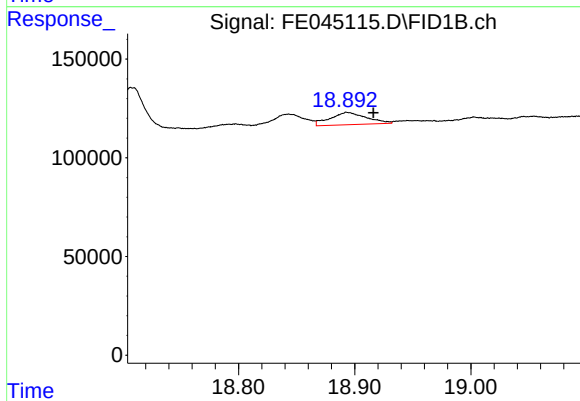
#16 n-Octacosane (C28)

R.T.: 17.183 min
Delta R.T.: -0.010 min
Response: 170047
Conc: 1.16 ug/ml



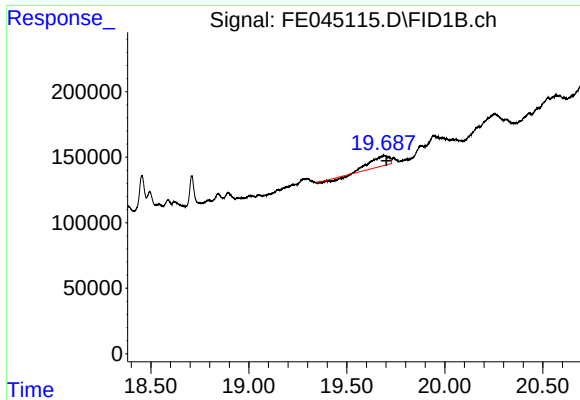
#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.014 min
Response: 74746
Conc: 0.50 ug/ml



#18 n-Dotriacontane (C32)

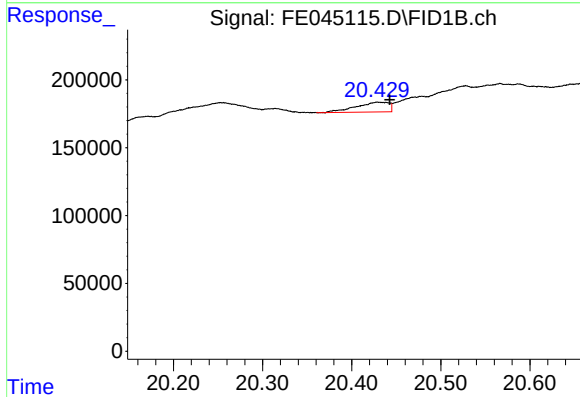
R.T.: 18.894 min
Delta R.T.: -0.022 min
Response: 135554
Conc: 0.90 ug/ml



#19 n-Tetratriacontane (C34)

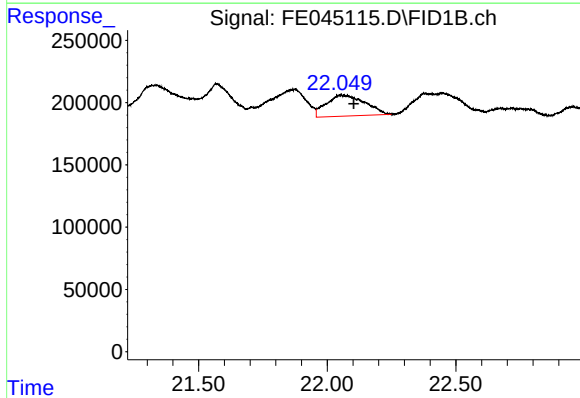
R.T.: 19.689 min
Delta R.T.: -0.013 min
Response: 464505
Conc: 3.12 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: -0.012 min
Response: 185534
Conc: 1.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: -0.053 min
Response: 1764820
Conc: 10.56 ug/ml