

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111723AL\
 Data File : FE045436.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2023 21:50
 Operator : YP\AJ
 Sample : 05434-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 18 00:52:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.873	5149317	26.970 ug/ml
Spiked Amount 50.000		Recovery =	53.94%
12) S 1-chlorooctadecane (S...	13.317	3778019	27.429 ug/ml
Spiked Amount 50.000		Recovery =	54.86%
Target Compounds			
6) T n-Tetradecane (C14)	8.469	42385	0.254 ug/ml
8) T n-Octadecane (C18)	11.633f	90745	0.542 ug/ml
10) T n-Eicosane (C20)	12.870	104665	0.661 ug/ml
11) T n-Heneicosane (C21)	13.497	148177	0.964 ug/ml
13) T n-Docosane (C22)	14.090	237368	1.567 ug/ml
14) T n-Tetracosane (C24)	15.145	706428	4.770 ug/ml
15) T n-Hexacosane (C26)	16.201	125893	0.864 ug/ml
16) T n-Octacosane (C28)	17.155	376174	2.574 ug/ml
17) T n-Tricontane (C30)	18.042	479617	3.157 ug/ml
18) T n-Dotriacontane (C32)	18.873	399952	2.560 ug/ml
19) T n-Tetratriacontane (C34)	19.682	251888	1.613 ug/ml
20) T n-Hexatriacontane (C36)	20.409	100082	0.617 ug/ml
21) T n-Octatriacontane (C38)	21.145	204524	1.231 ug/ml
22) T n-Tetracontane (C40)	22.056	5077	0.030 ug/ml

(f)=RT Delta > 1/2 Window

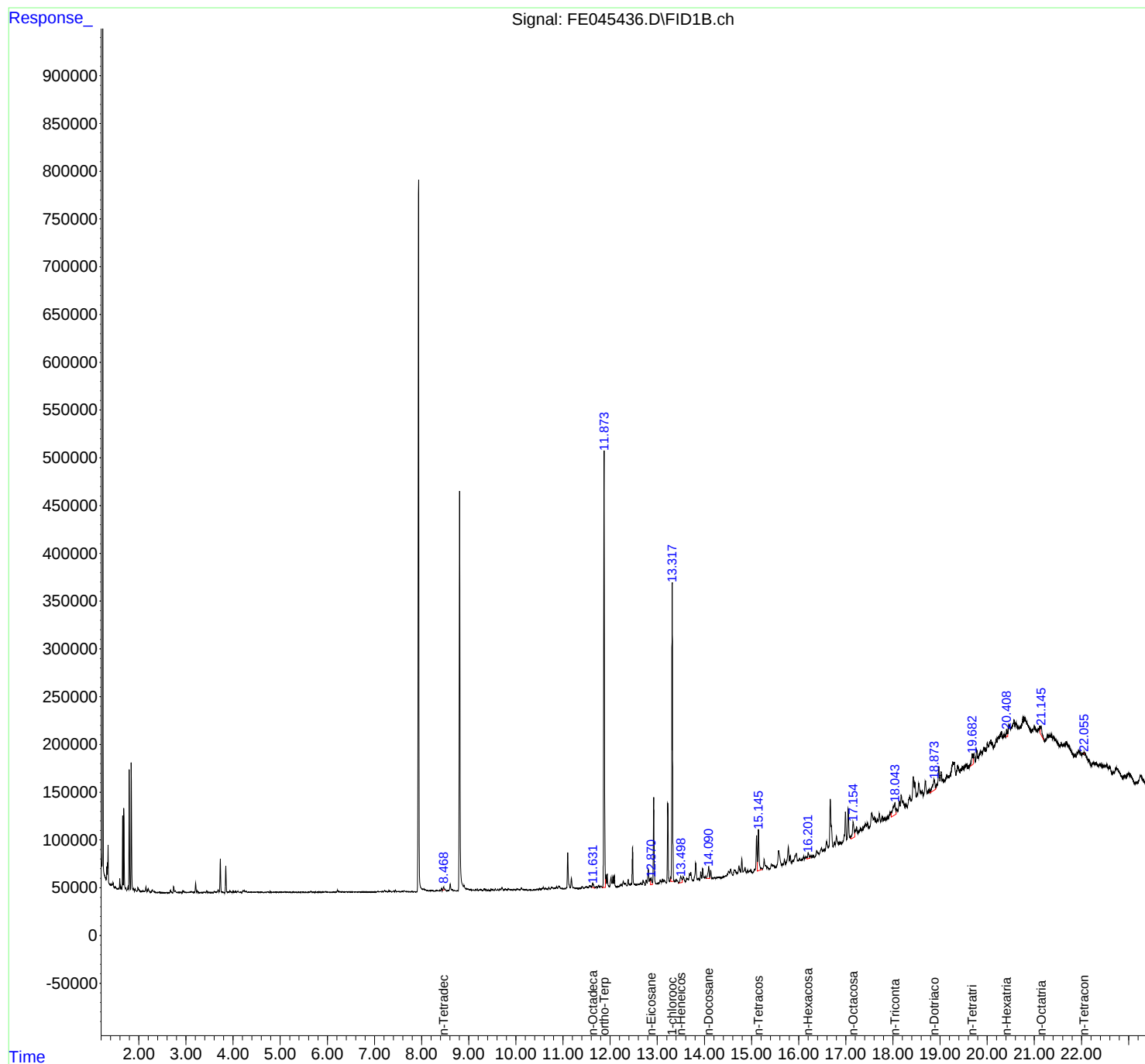
(m)=manual int.

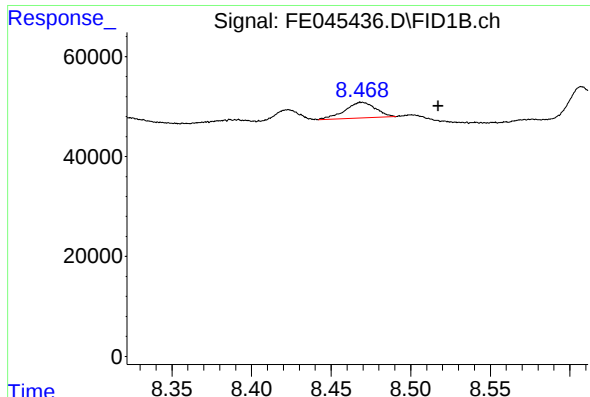
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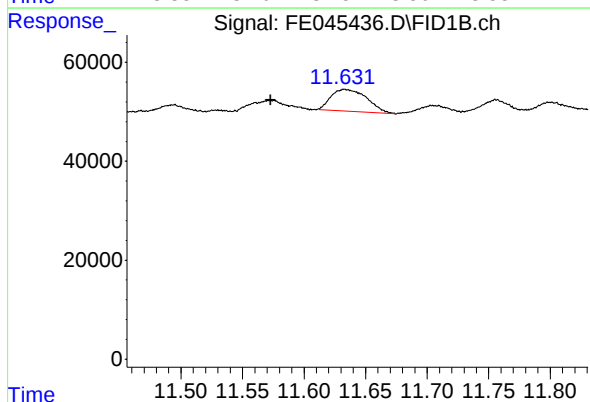




#6 n-Tetradecane (C14)

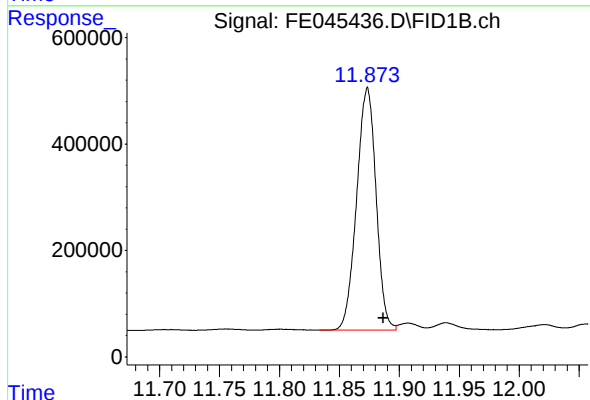
R.T.: 8.469 min
Delta R.T.: -0.048 min
Response: 42385
Conc: 0.25 ug/ml

Instrument :
FID_E
ClientSampleId :



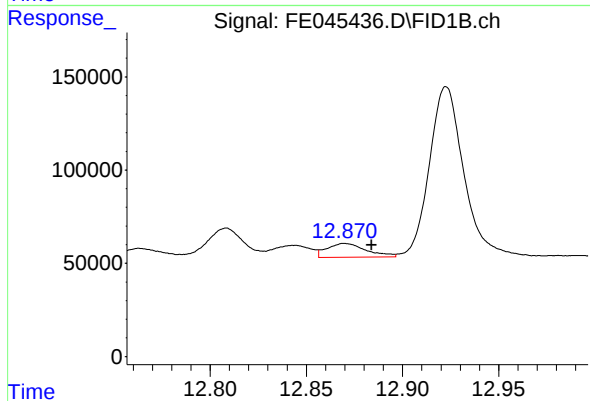
#8 n-Octadecane (C18)

R.T.: 11.633 min
Delta R.T.: 0.060 min
Response: 90745
Conc: 0.54 ug/ml



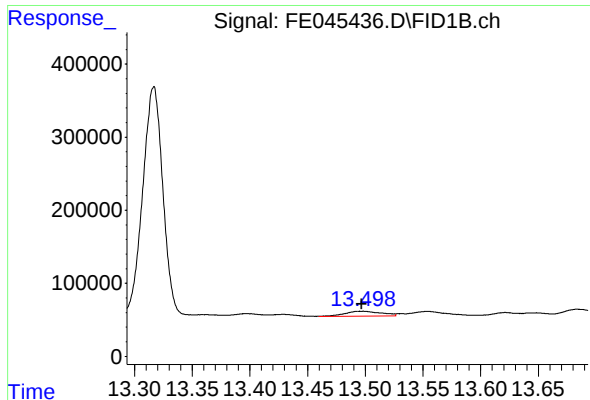
#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: -0.013 min
Response: 5149317
Conc: 26.97 ug/ml



#10 n-Eicosane (C20)

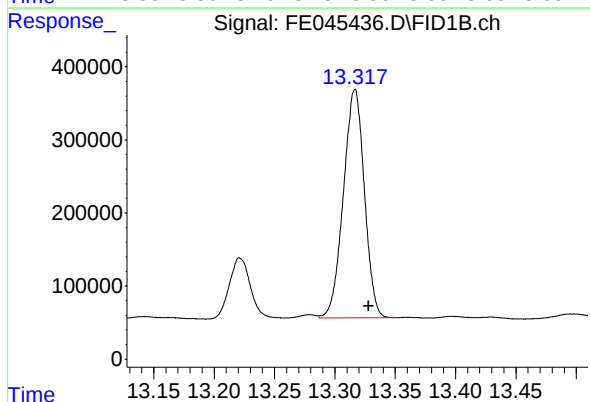
R.T.: 12.870 min
Delta R.T.: -0.014 min
Response: 104665
Conc: 0.66 ug/ml



#11 n-Heneicosane (C21)

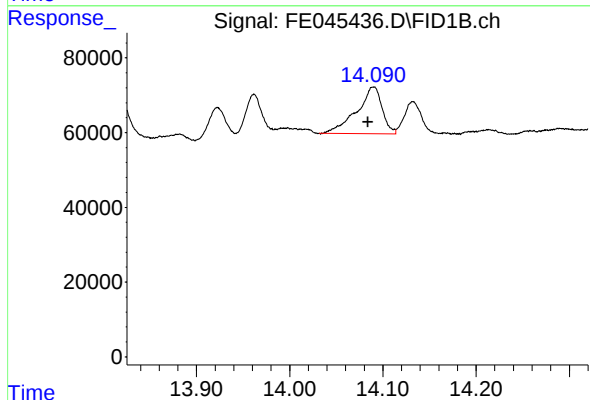
R.T.: 13.497 min
Delta R.T.: 0.000 min
Response: 148177
Conc: 0.96 ug/ml

Instrument :
FID_E
ClientSampleId :



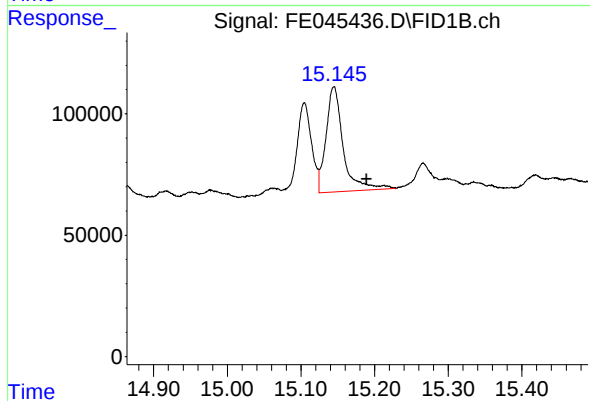
#12 1-chlorooctadecane (SURR)

R.T.: 13.317 min
Delta R.T.: -0.011 min
Response: 3778019
Conc: 27.43 ug/ml



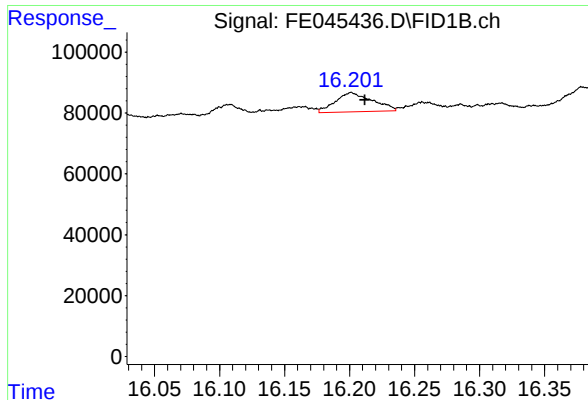
#13 n-Docosane (C22)

R.T.: 14.090 min
Delta R.T.: 0.006 min
Response: 237368
Conc: 1.57 ug/ml



#14 n-Tetracosane (C24)

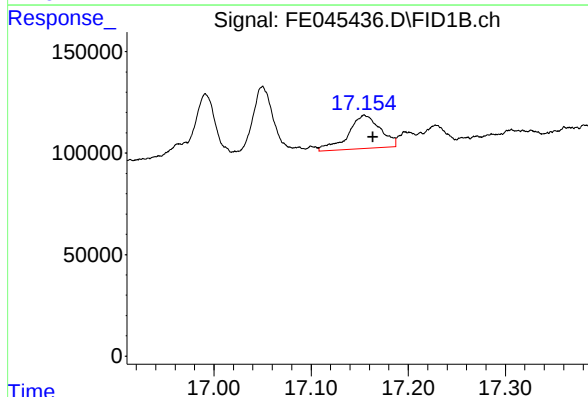
R.T.: 15.145 min
Delta R.T.: -0.045 min
Response: 706428
Conc: 4.77 ug/ml



#15 n-Hexacosane (C26)

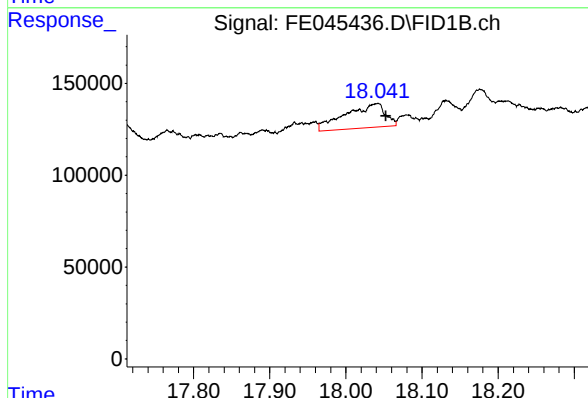
R.T.: 16.201 min
Delta R.T.: -0.011 min
Response: 125893
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :



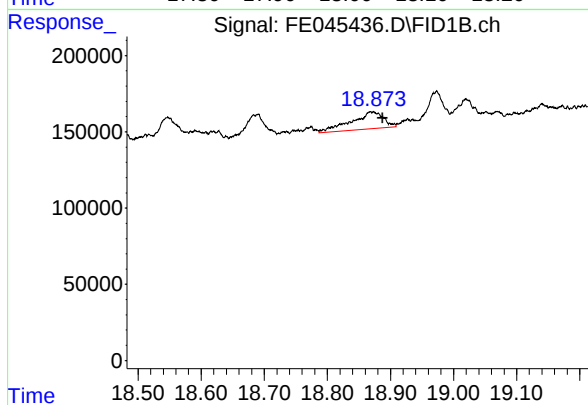
#16 n-Octacosane (C28)

R.T.: 17.155 min
Delta R.T.: -0.009 min
Response: 376174
Conc: 2.57 ug/ml



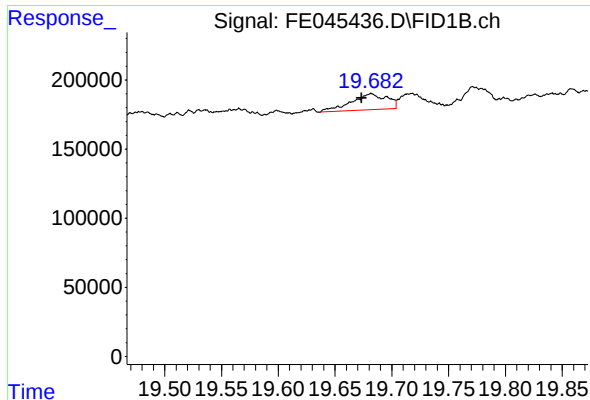
#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 479617
Conc: 3.16 ug/ml



#18 n-Dotriacontane (C32)

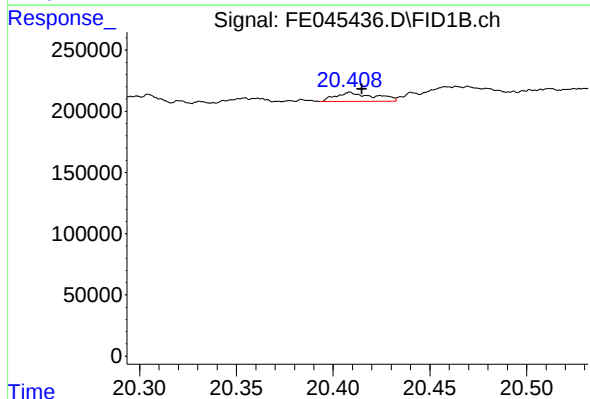
R.T.: 18.873 min
Delta R.T.: -0.015 min
Response: 399952
Conc: 2.56 ug/ml



#19 n-Tetratriacontane (C34)

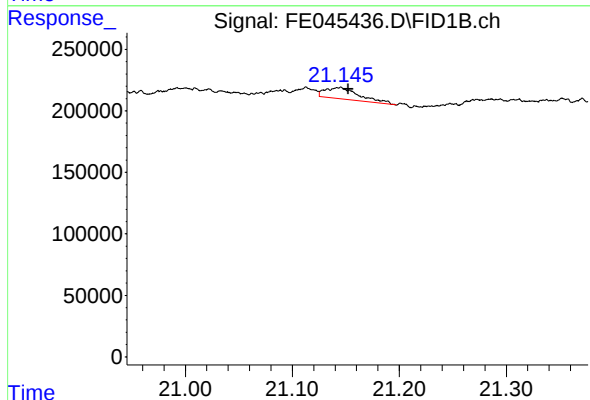
R.T.: 19.682 min
Delta R.T.: 0.009 min
Response: 251888
Conc: 1.61 ug/ml

Instrument :
FID_E
ClientSampleId :



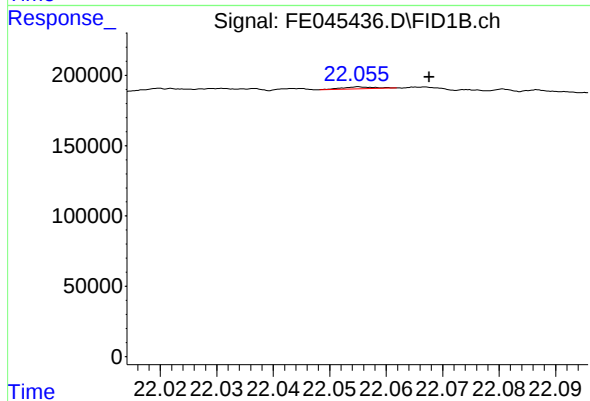
#20 n-Hexatriacontane (C36)

R.T.: 20.408 min
Delta R.T.: -0.006 min
Response: 100082
Conc: 0.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.145 min
Delta R.T.: -0.008 min
Response: 204524
Conc: 1.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.056 min
Delta R.T.: -0.012 min
Response: 5077
Conc: 0.03 ug/ml