

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091424AL\
 Data File : FE050102.D
 Signal(s) : FID1B.ch
 Acq On : 13 Sep 2024 23:06
 Operator : YP\AJ
 Sample : P3979-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 14 02:13:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 2024
 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)	11.874	4142868	27.846 ug/ml
Spiked Amount 50.000		Recovery =	55.69%
12) S 1-chlorooctadecane (S...	13.310	4044287	36.005 ug/ml
Spiked Amount 50.000		Recovery =	72.01%
Target Compounds			
7) T n-Hexadecane (C16)	10.114	161893	1.166 ug/ml
8) T n-Octadecane (C18)	11.553	104692	0.747 ug/ml
10) T n-Eicosane (C20)	12.860	158054	1.178 ug/ml
11) T n-Heneicosane (C21)	13.475	54136	0.412 ug/ml
13) T n-Docosane (C22)	14.061	163487	1.255 ug/ml
14) T n-Tetracosane (C24)	15.153	1660493	12.715 ug/ml
15) T n-Hexacosane (C26)	16.205	79463	0.621 ug/ml
16) T n-Octacosane (C28)	17.157	1059395	8.225 ug/ml
17) T n-Tricontane (C30)	18.018	614020	4.592 ug/ml
18) T n-Dotriacontane (C32)	18.850	372521	2.796 ug/ml
19) T n-Tetratriacontane (C34)	19.664	573356	4.640 ug/ml
20) T n-Hexatriacontane (C36)	20.384	196183	1.768 ug/ml
21) T n-Octatriacontane (C38)	21.107	236435	2.144 ug/ml
22) T n-Tetracontane (C40)	21.998	163466	1.502 ug/ml

(f)=RT Delta > 1/2 Window

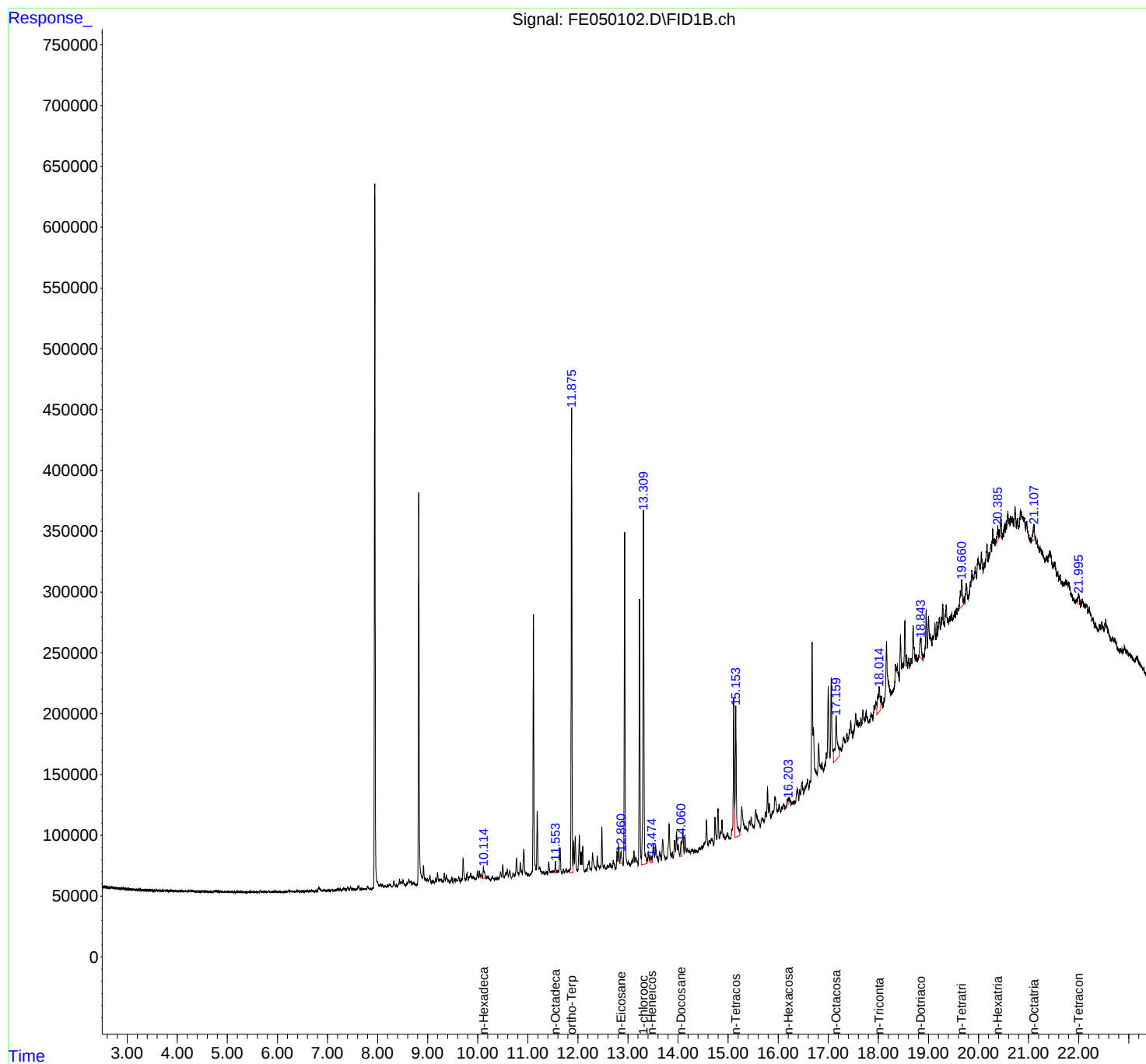
(m)=manual int.

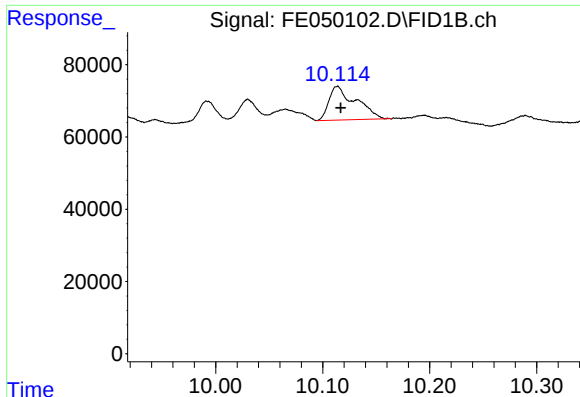
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Signal Info : 20M x 0.18mm x 0.18um

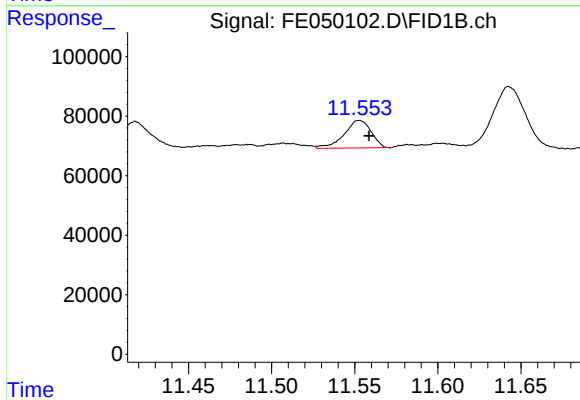




#7 n-Hexadecane (C16)

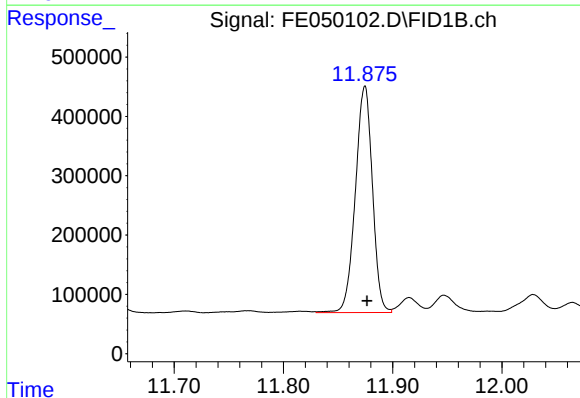
R.T.: 10.114 min
Delta R.T.: -0.003 min
Response: 161893
Conc: 1.17 ug/ml

Instrument :
FID_E
ClientSampleId :



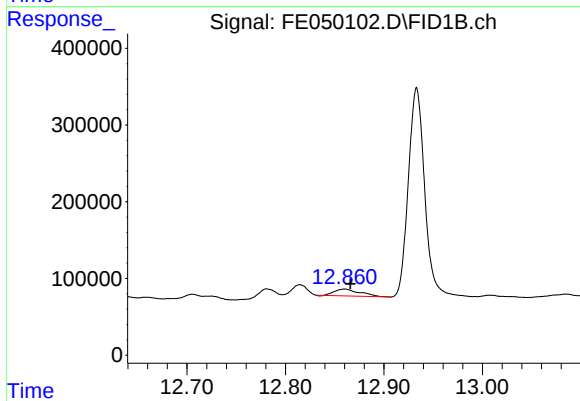
#8 n-Octadecane (C18)

R.T.: 11.553 min
Delta R.T.: -0.006 min
Response: 104692
Conc: 0.75 ug/ml



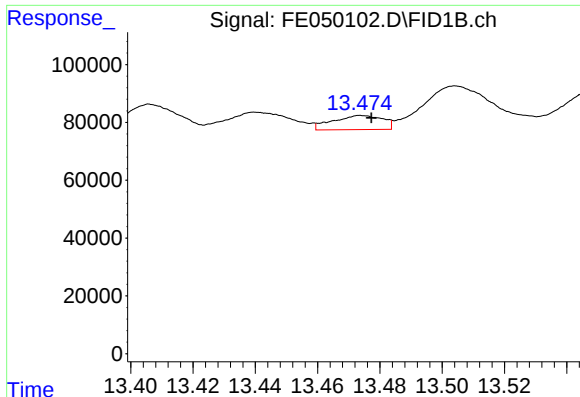
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: -0.002 min
Response: 4142868
Conc: 27.85 ug/ml



#10 n-Eicosane (C20)

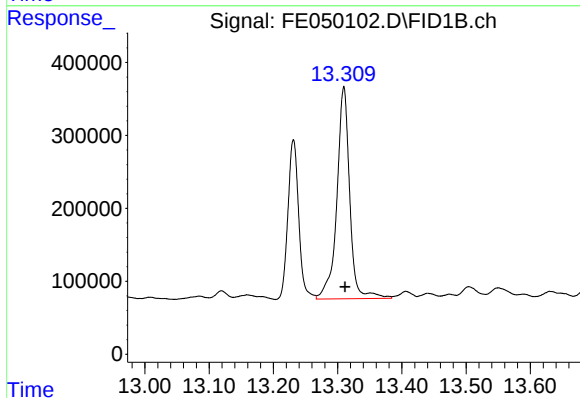
R.T.: 12.860 min
Delta R.T.: -0.006 min
Response: 158054
Conc: 1.18 ug/ml



#11 n-Heneicosane (C21)

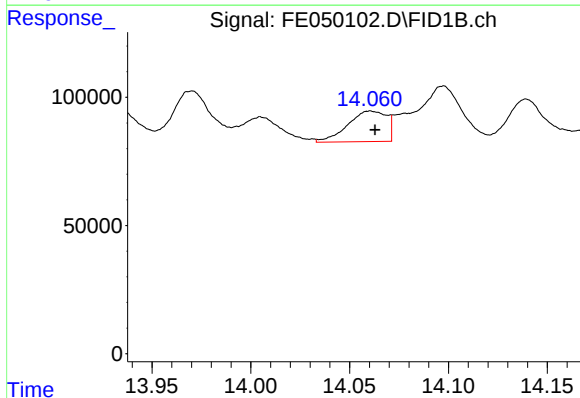
R.T.: 13.475 min
Delta R.T.: -0.003 min
Response: 54136
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :



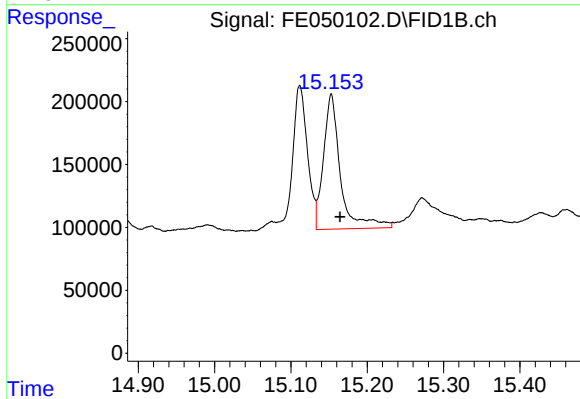
#12 1-chlorooctadecane (SURR)

R.T.: 13.310 min
Delta R.T.: -0.002 min
Response: 4044287
Conc: 36.00 ug/ml



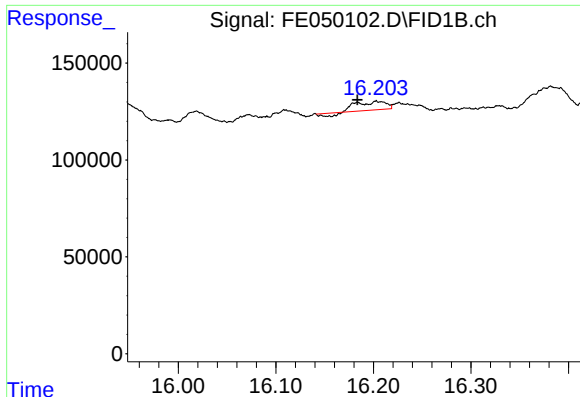
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.002 min
Response: 163487
Conc: 1.26 ug/ml



#14 n-Tetracosane (C24)

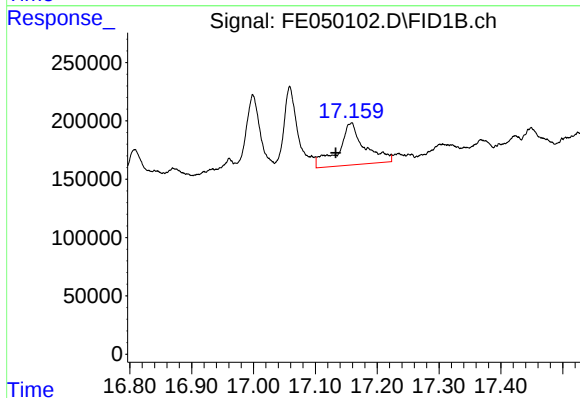
R.T.: 15.153 min
Delta R.T.: -0.011 min
Response: 1660493
Conc: 12.72 ug/ml



#15 n-Hexacosane (C26)

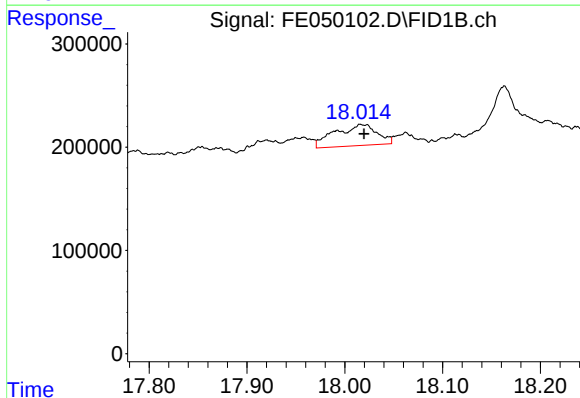
R.T.: 16.205 min
Delta R.T.: 0.021 min
Response: 79463
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :



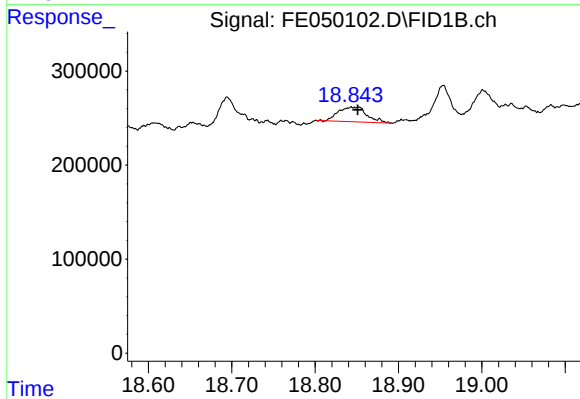
#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: 0.024 min
Response: 1059395
Conc: 8.22 ug/ml



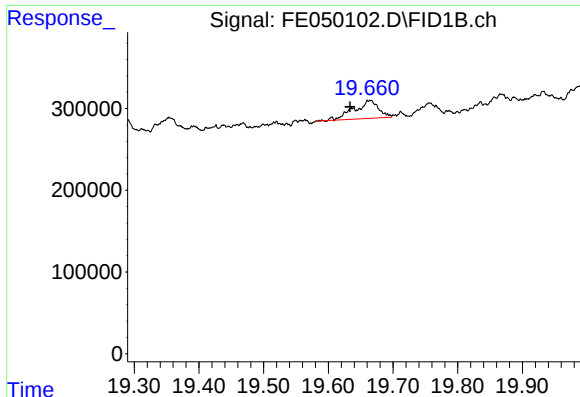
#17 n-Tricontane (C30)

R.T.: 18.018 min
Delta R.T.: -0.002 min
Response: 614020
Conc: 4.59 ug/ml



#18 n-Dotriacontane (C32)

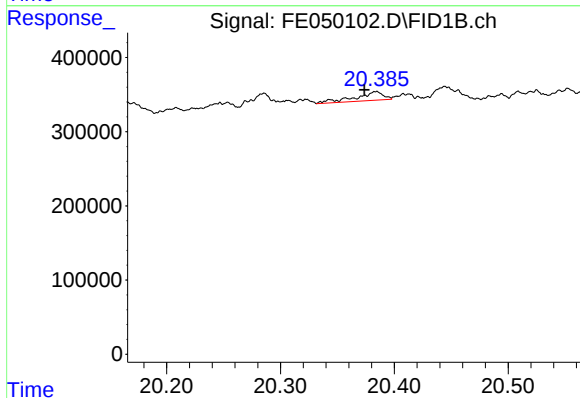
R.T.: 18.850 min
Delta R.T.: -0.001 min
Response: 372521
Conc: 2.80 ug/ml



#19 n-Tetratriacontane (C34)

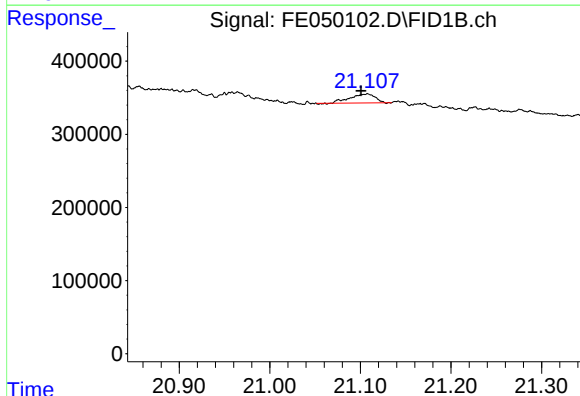
R.T.: 19.664 min
Delta R.T.: 0.031 min
Response: 573356
Conc: 4.64 ug/ml

Instrument :
FID_E
ClientSampleId :



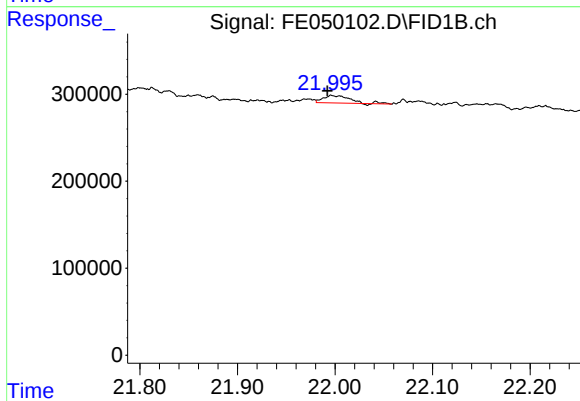
#20 n-Hexatriacontane (C36)

R.T.: 20.384 min
Delta R.T.: 0.010 min
Response: 196183
Conc: 1.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: 0.006 min
Response: 236435
Conc: 2.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.998 min
Delta R.T.: 0.006 min
Response: 163466
Conc: 1.50 ug/ml