

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121824AL\
 Data File : FE051680.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2024 14:28
 Operator : YP\AJ
 Sample : P5312-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 19 01:09:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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)	12.007	5670300	35.320 ug/ml
Spiked Amount 50.000		Recovery =	70.64%
12) S 1-chlorooctadecane (S...	13.427	4534185	35.943 ug/ml
Spiked Amount 50.000		Recovery =	71.89%
Target Compounds			
6) T n-Tetradecane (C14)	8.657	179820	1.341 ug/ml
7) T n-Hexadecane (C16)	10.251	292334	2.046 ug/ml
8) T n-Octadecane (C18)	11.682	315933	2.143 ug/ml
10) T n-Eicosane (C20)	12.982	233518	1.623 ug/ml
11) T n-Heneicosane (C21)	13.590	203645	1.433 ug/ml
13) T n-Docosane (C22)	14.170	131021	0.929 ug/ml
17) T n-Tricontane (C30)	18.100	164375	1.242 ug/ml
18) T n-Dotriacontane (C32)	18.919	283705	2.263 ug/ml
19) T n-Tetratriacontane (C34)	19.745	594774	5.406 ug/ml

(f)=RT Delta > 1/2 Window

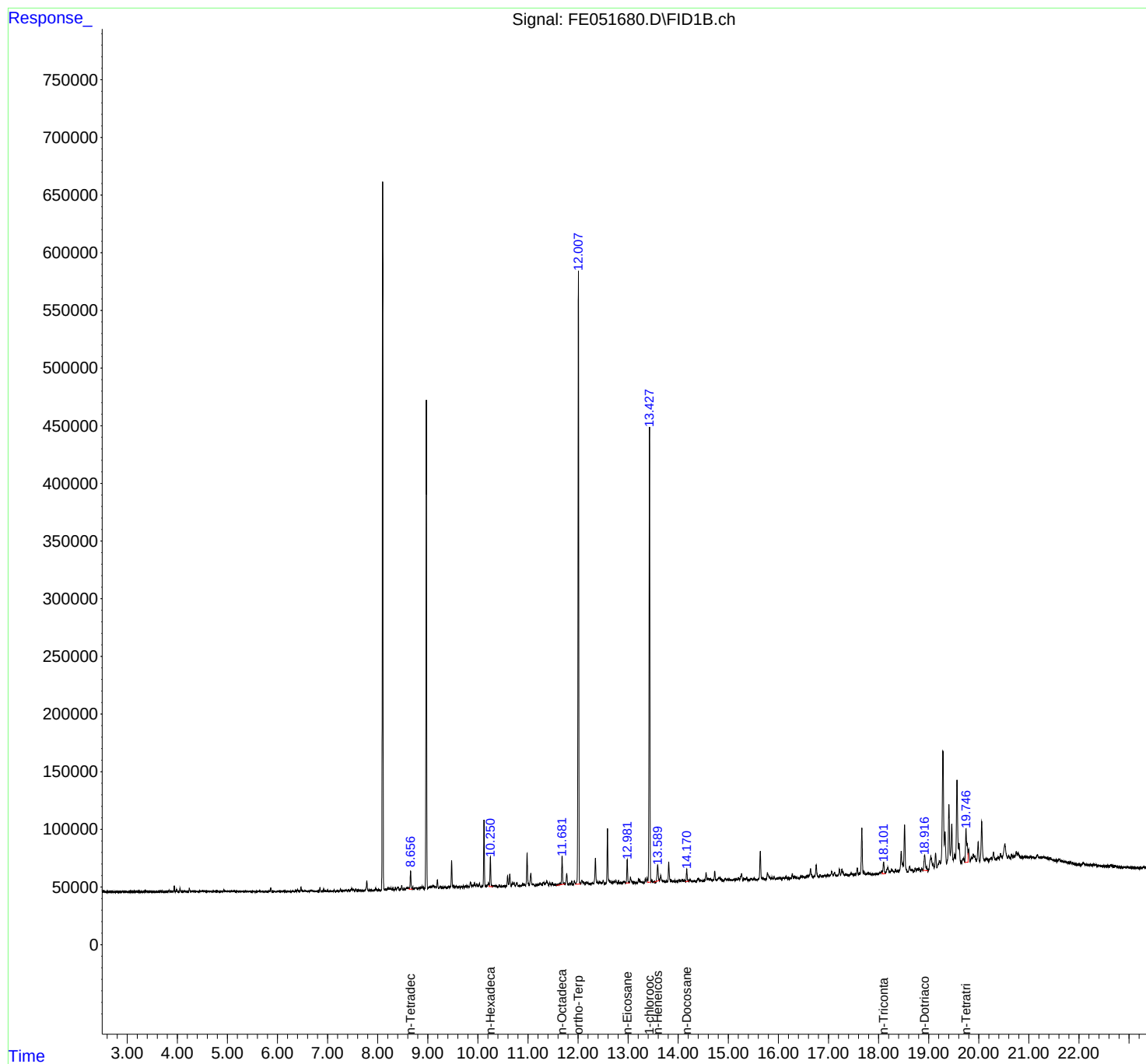
(m)=manual int.

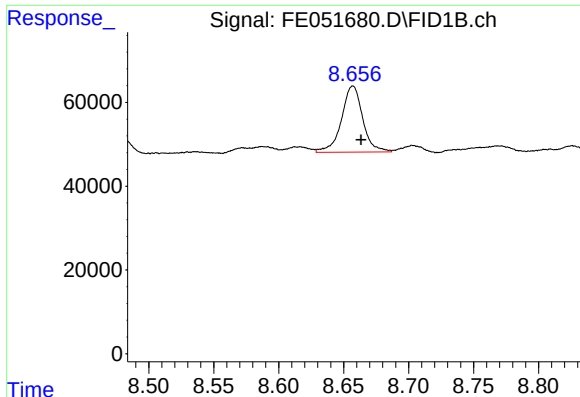
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Signal Info : 20M x 0.18mm x 0.18um

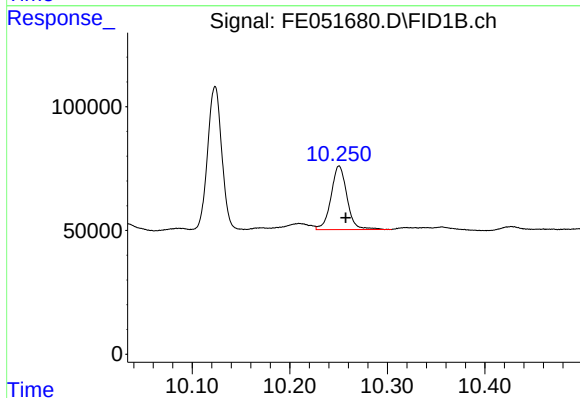




#6 n-Tetradecane (C14)

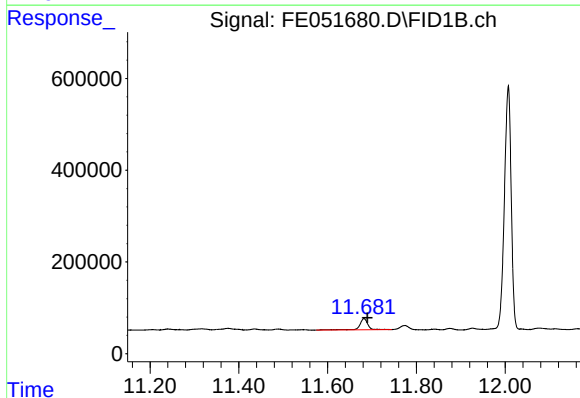
R.T.: 8.657 min
Delta R.T.: -0.006 min
Response: 179820
Conc: 1.34 ug/ml

Instrument :
FID_E
ClientSampleId :



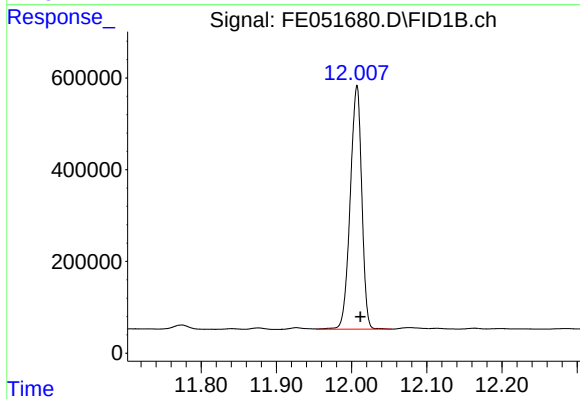
#7 n-Hexadecane (C16)

R.T.: 10.251 min
Delta R.T.: -0.007 min
Response: 292334
Conc: 2.05 ug/ml



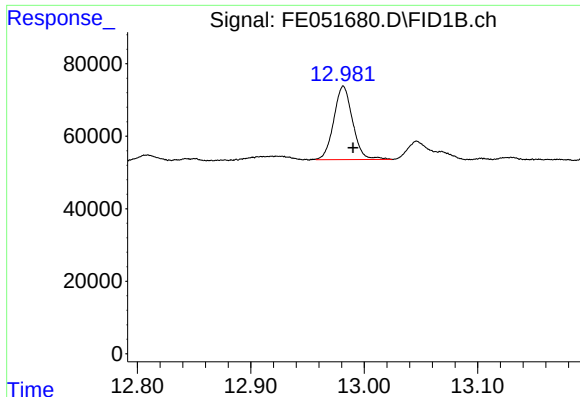
#8 n-Octadecane (C18)

R.T.: 11.682 min
Delta R.T.: -0.008 min
Response: 315933
Conc: 2.14 ug/ml



#9 ortho-Terphenyl (SURR)

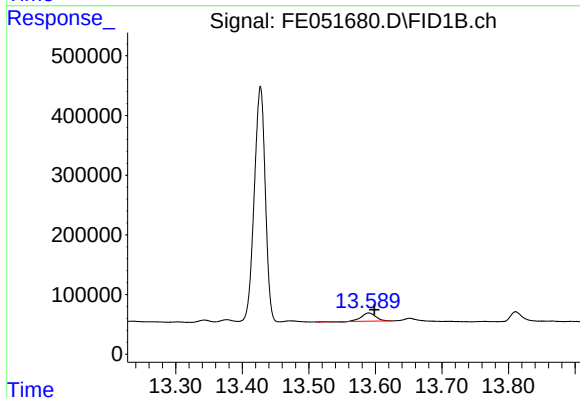
R.T.: 12.007 min
Delta R.T.: -0.005 min
Response: 5670300
Conc: 35.32 ug/ml



#10 n-Eicosane (C20)

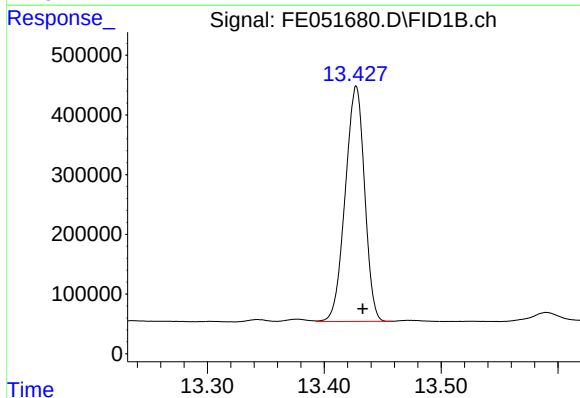
R.T.: 12.982 min
Delta R.T.: -0.008 min
Response: 233518
Conc: 1.62 ug/ml

Instrument :
FID_E
ClientSampleId :



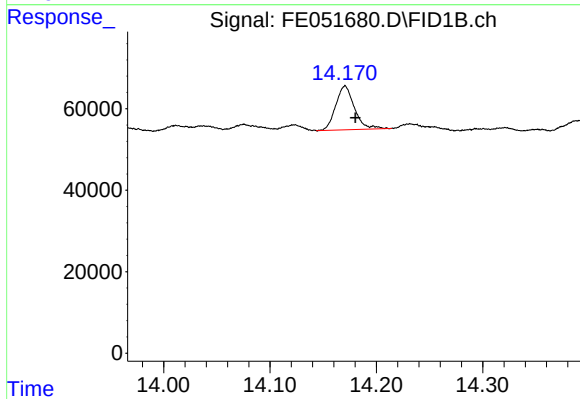
#11 n-Heneicosane (C21)

R.T.: 13.590 min
Delta R.T.: -0.008 min
Response: 203645
Conc: 1.43 ug/ml



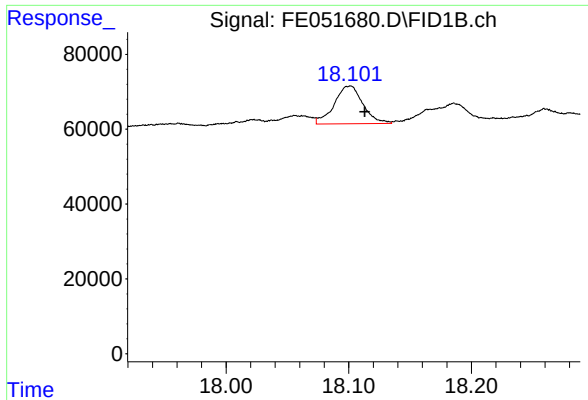
#12 1-chlorooctadecane (SURR)

R.T.: 13.427 min
Delta R.T.: -0.006 min
Response: 4534185
Conc: 35.94 ug/ml



#13 n-Docosane (C22)

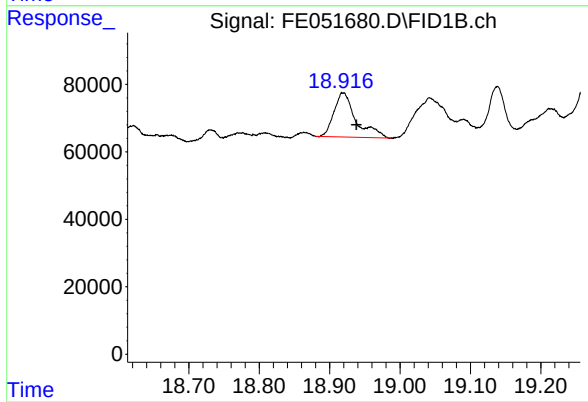
R.T.: 14.170 min
Delta R.T.: -0.010 min
Response: 131021
Conc: 0.93 ug/ml



#17 n-Tricontane (C30)

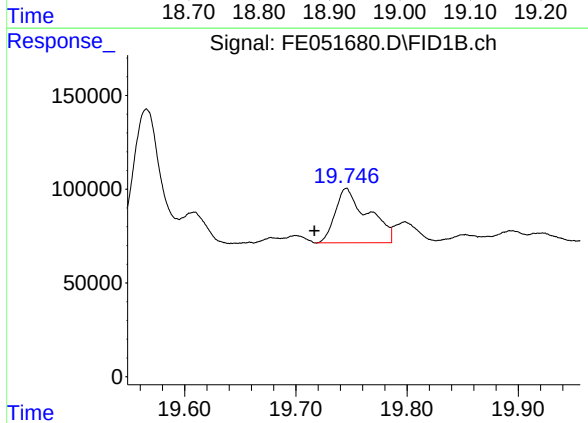
R.T.: 18.100 min
Delta R.T.: -0.013 min
Response: 164375
Conc: 1.24 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.019 min
Response: 283705
Conc: 2.26 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.745 min
Delta R.T.: 0.029 min
Response: 594774
Conc: 5.41 ug/ml