

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121824AL\
 Data File : FE051681.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2024 14:58
 Operator : YP\AJ
 Sample : P5312-01D
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 19 01:10:12 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	5696061	35.480 ug/ml
Spiked Amount 50.000		Recovery =	70.96%
12) S 1-chlorooctadecane (S...	13.427	4556913	36.124 ug/ml
Spiked Amount 50.000		Recovery =	72.25%
Target Compounds			
6) T n-Tetradecane (C14)	8.657	185760	1.385 ug/ml
7) T n-Hexadecane (C16)	10.251	294948	2.064 ug/ml
8) T n-Octadecane (C18)	11.683	358766	2.434 ug/ml
10) T n-Eicosane (C20)	12.982	233530	1.623 ug/ml
11) T n-Heneicosane (C21)	13.591	270125	1.901 ug/ml
13) T n-Docosane (C22)	14.170	143780	1.020 ug/ml
17) T n-Tricontane (C30)	18.102	235122	1.777 ug/ml
18) T n-Dotriacontane (C32)	18.921	298781	2.383 ug/ml
19) T n-Tetratriacontane (C34)	19.747	591860	5.379 ug/ml

(f)=RT Delta > 1/2 Window

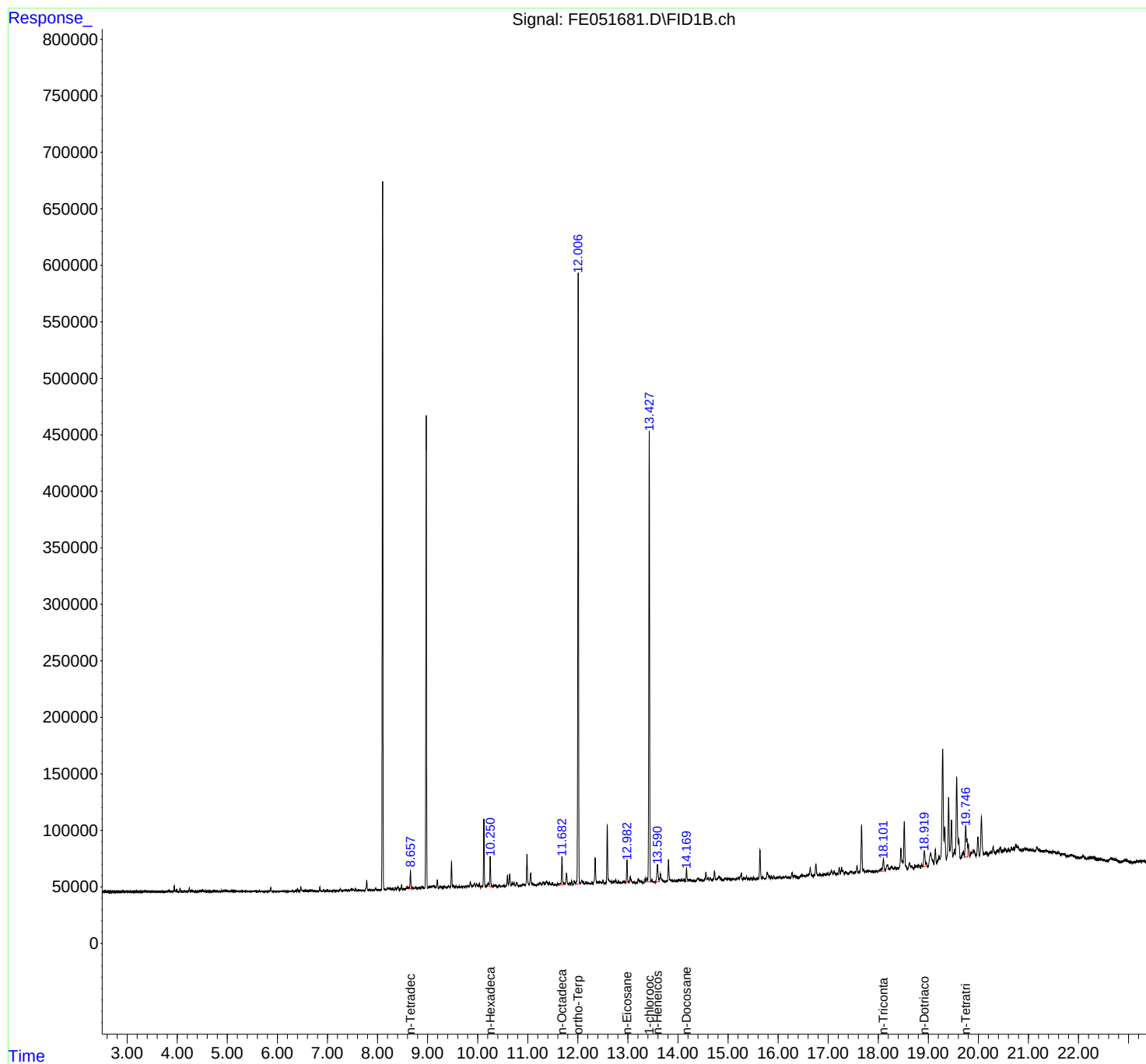
(m)=manual int.

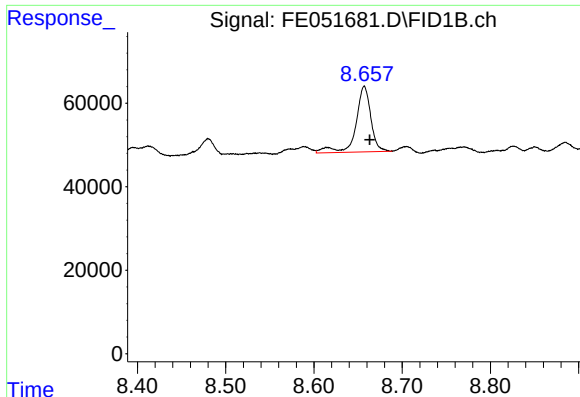
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Signal Info : 20M x 0.18mm x 0.18um

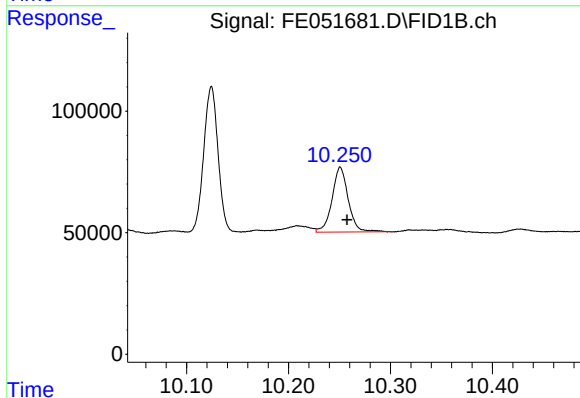




#6 n-Tetradecane (C14)

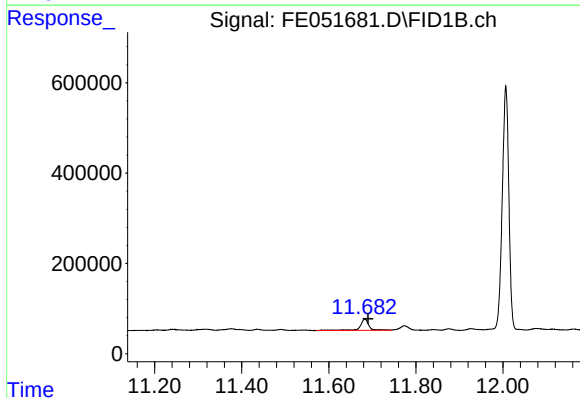
R.T.: 8.657 min
Delta R.T.: -0.006 min
Response: 185760
Conc: 1.39 ug/ml

Instrument :
FID_E
ClientSampleId :



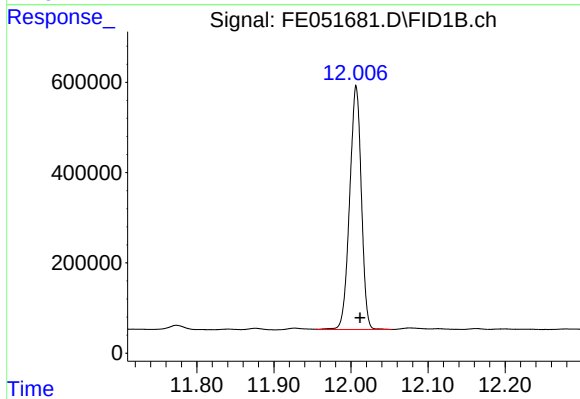
#7 n-Hexadecane (C16)

R.T.: 10.251 min
Delta R.T.: -0.007 min
Response: 294948
Conc: 2.06 ug/ml



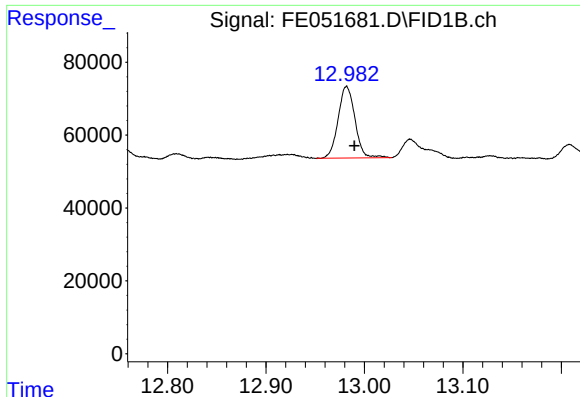
#8 n-Octadecane (C18)

R.T.: 11.683 min
Delta R.T.: -0.007 min
Response: 358766
Conc: 2.43 ug/ml



#9 ortho-Terphenyl (SURR)

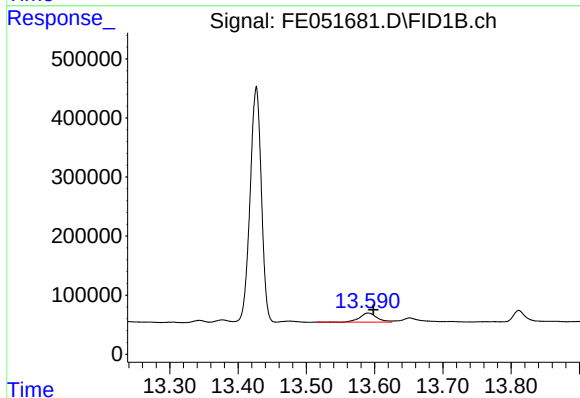
R.T.: 12.007 min
Delta R.T.: -0.005 min
Response: 5696061
Conc: 35.48 ug/ml



#10 n-Eicosane (C20)

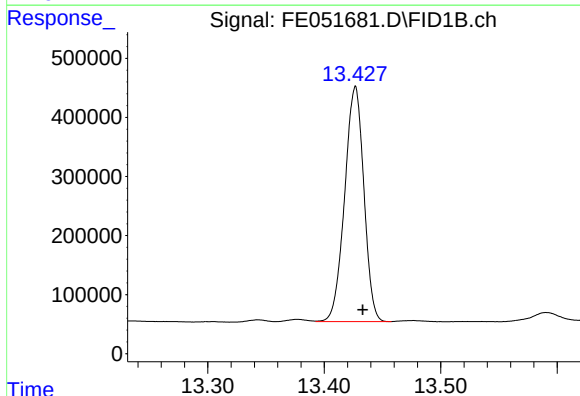
R.T.: 12.982 min
Delta R.T.: -0.008 min
Response: 233530
Conc: 1.62 ug/ml

Instrument :
FID_E
ClientSampleId :



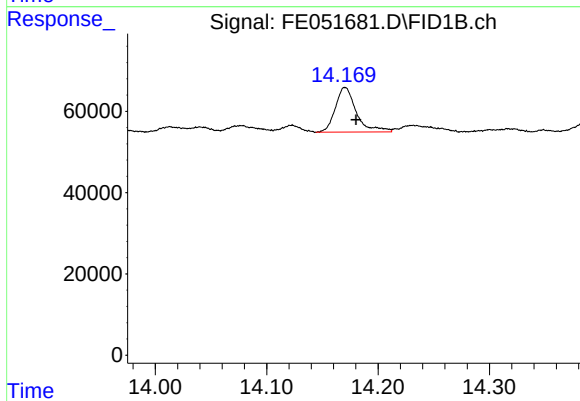
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: -0.008 min
Response: 270125
Conc: 1.90 ug/ml



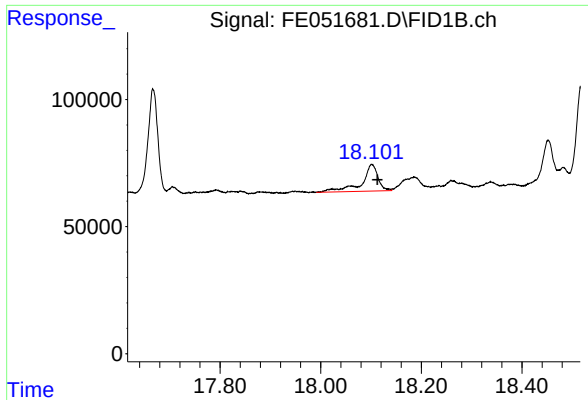
#12 1-chlorooctadecane (SURR)

R.T.: 13.427 min
Delta R.T.: -0.006 min
Response: 4556913
Conc: 36.12 ug/ml



#13 n-Docosane (C22)

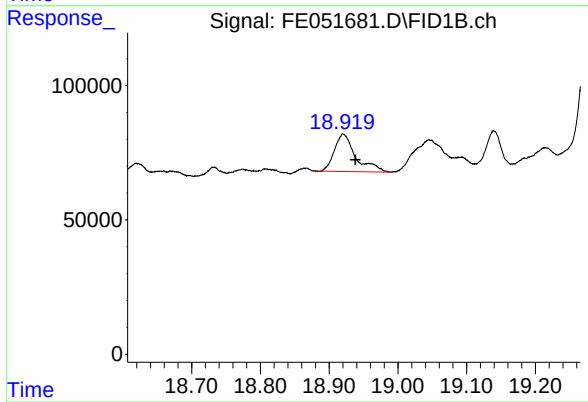
R.T.: 14.170 min
Delta R.T.: -0.010 min
Response: 143780
Conc: 1.02 ug/ml



#17 n-Tricontane (C30)

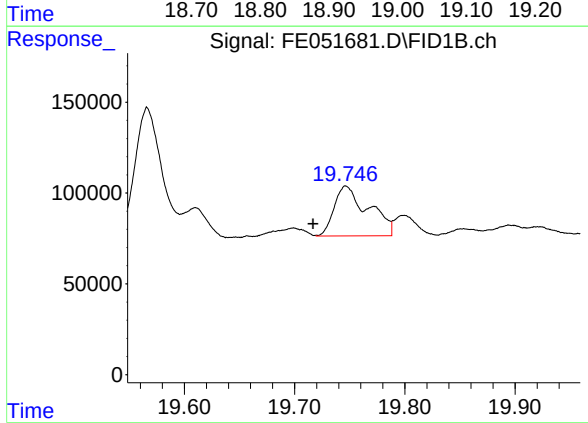
R.T.: 18.102 min
Delta R.T.: -0.011 min
Response: 235122
Conc: 1.78 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.017 min
Response: 298781
Conc: 2.38 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.030 min
Response: 591860
Conc: 5.38 ug/ml