

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE121824AL\
 Data File : FE051684.D
 Signal(s) : FID1B.ch
 Acq On : 18 Dec 2024 16:28
 Operator : YP\AJ
 Sample : P5312-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 19 01:11:30 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)	12.008	5097799	31.754 ug/ml
Spiked Amount 50.000		Recovery =	63.51%
12) S 1-chlorooctadecane (S...	13.428	4087763	32.405 ug/ml
Spiked Amount 50.000		Recovery =	64.81%
Target Compounds			
6) T n-Tetradecane (C14)	8.659	122012	0.910 ug/ml
7) T n-Hexadecane (C16)	10.253	213203	1.492 ug/ml
8) T n-Octadecane (C18)	11.684	227063	1.540 ug/ml
10) T n-Eicosane (C20)	12.984	175541	1.220 ug/ml
11) T n-Heneicosane (C21)	13.591	223145	1.570 ug/ml
13) T n-Docosane (C22)	14.172	101778	0.722 ug/ml
17) T n-Tricontane (C30)	18.103	153552	1.160 ug/ml
18) T n-Dotriacontane (C32)	18.921	220073	1.755 ug/ml
19) T n-Tetratriacontane (C34)	19.747	467771	4.252 ug/ml

(f)=RT Delta > 1/2 Window

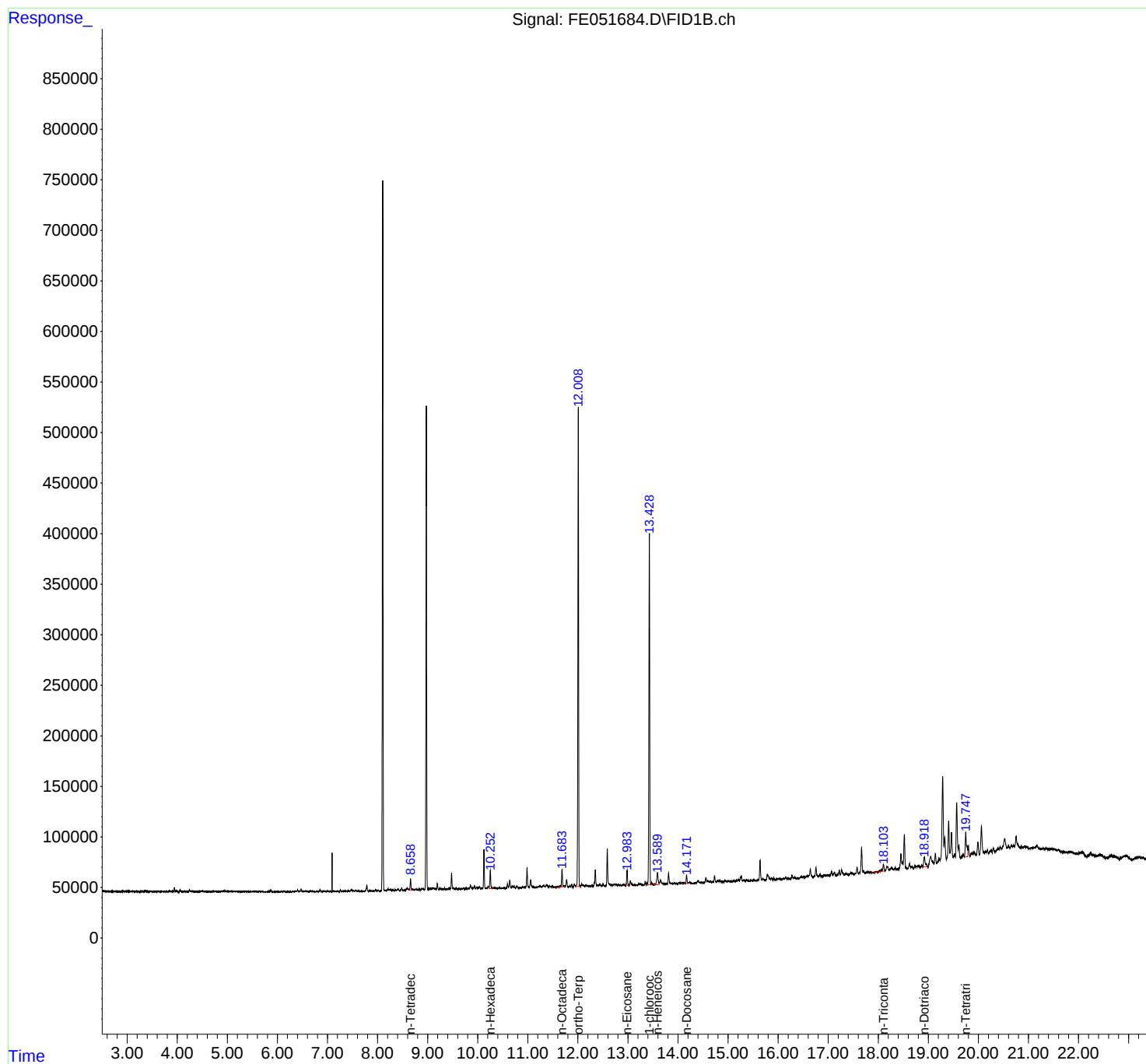
(m)=manual int.

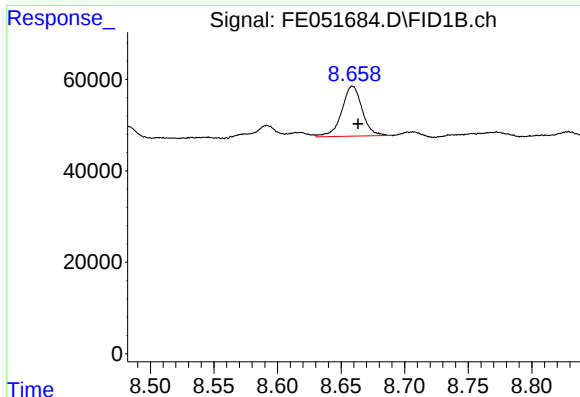
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

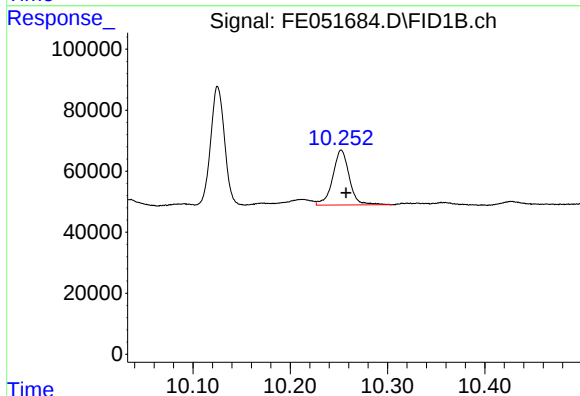




#6 n-Tetradecane (C14)

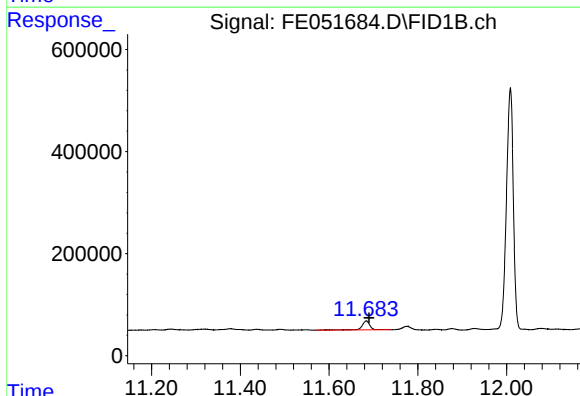
R.T.: 8.659 min
Delta R.T.: -0.004 min
Response: 122012
Conc: 0.91 ug/ml

Instrument :
FID_E
ClientSampleId :



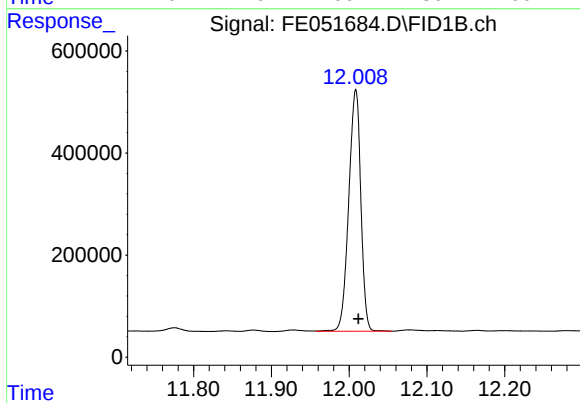
#7 n-Hexadecane (C16)

R.T.: 10.253 min
Delta R.T.: -0.005 min
Response: 213203
Conc: 1.49 ug/ml



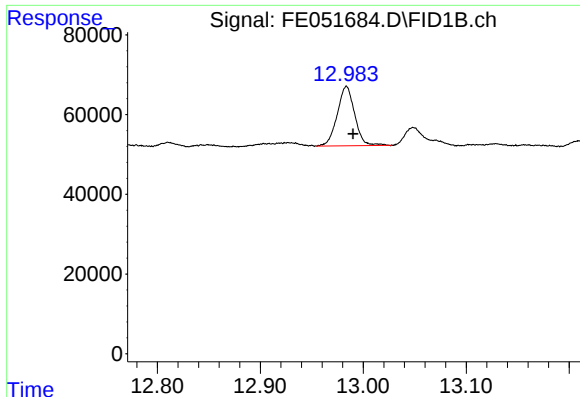
#8 n-Octadecane (C18)

R.T.: 11.684 min
Delta R.T.: -0.006 min
Response: 227063
Conc: 1.54 ug/ml



#9 ortho-Terphenyl (SURR)

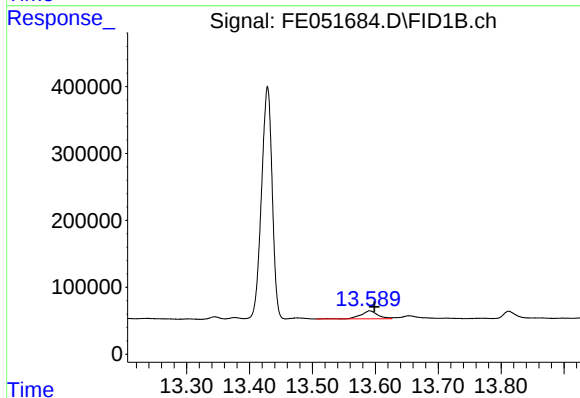
R.T.: 12.008 min
Delta R.T.: -0.004 min
Response: 5097799
Conc: 31.75 ug/ml



#10 n-Eicosane (C20)

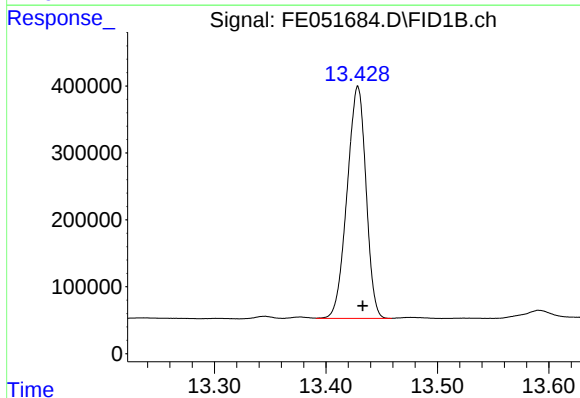
R.T.: 12.984 min
Delta R.T.: -0.006 min
Response: 175541
Conc: 1.22 ug/ml

Instrument :
FID_E
ClientSampleId :



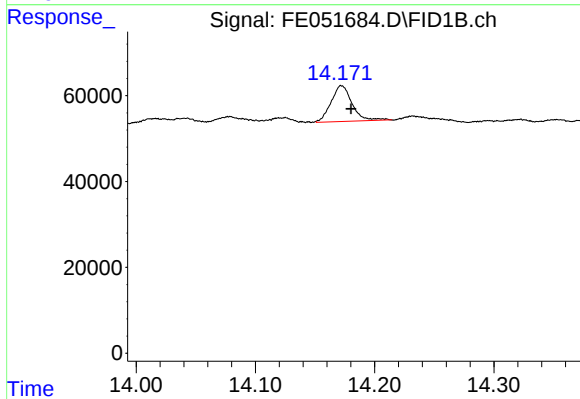
#11 n-Heneicosane (C21)

R.T.: 13.591 min
Delta R.T.: -0.007 min
Response: 223145
Conc: 1.57 ug/ml



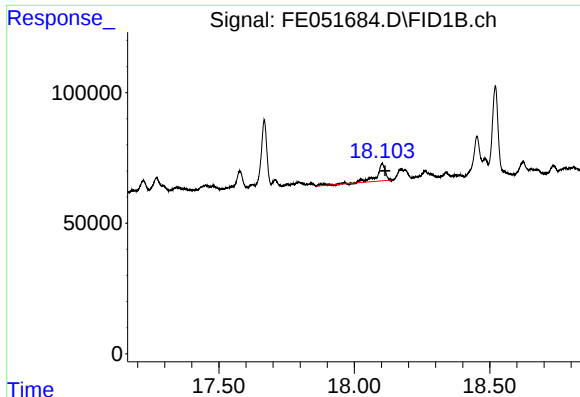
#12 1-chlorooctadecane (SURR)

R.T.: 13.428 min
Delta R.T.: -0.005 min
Response: 4087763
Conc: 32.40 ug/ml



#13 n-Docosane (C22)

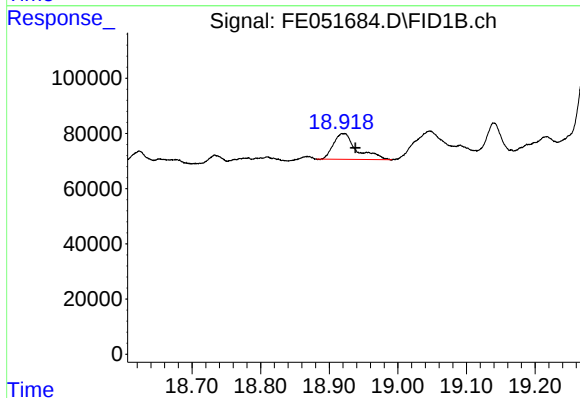
R.T.: 14.172 min
Delta R.T.: -0.008 min
Response: 101778
Conc: 0.72 ug/ml



#17 n-Tricontane (C30)

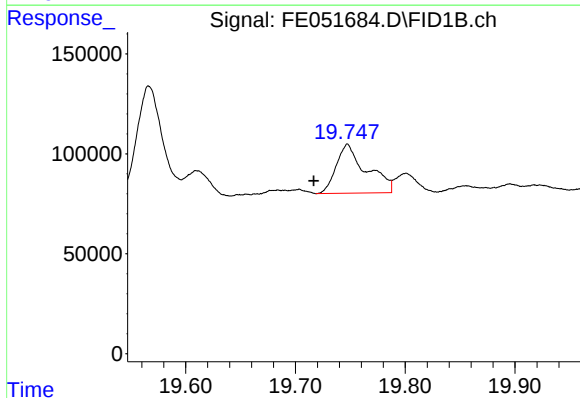
R.T.: 18.103 min
Delta R.T.: -0.010 min
Response: 153552
Conc: 1.16 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.921 min
Delta R.T.: -0.018 min
Response: 220073
Conc: 1.76 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.031 min
Response: 467771
Conc: 4.25 ug/ml