

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081224AL\
 Data File : FE049561.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2024 14:30
 Operator : YP\AJ
 Sample : P3543-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 01:42:54 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071724.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 17 14:26:40 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)	11.894	11340399	73.115 ug/ml
Spiked Amount 50.000		Recovery =	146.23%
12) S 1-chlorooctadecane (S...	13.329	7542912	64.560 ug/ml
Spiked Amount 50.000		Recovery =	129.12%
Target Compounds			
6) T n-Tetradecane (C14)	8.525	462162	3.045 ug/ml
7) T n-Hexadecane (C16)	10.136	2152284	14.192 ug/ml
8) T n-Octadecane (C18)	11.581	4666452	30.734 ug/ml
10) T n-Eicosane (C20)	12.884	3133462	21.669 ug/ml
11) T n-Heneicosane (C21)	13.502	1116297	7.872 ug/ml
13) T n-Docosane (C22)	14.080	1953339	13.903 ug/ml
17) T n-Tricontane (C30)	18.030	82476	0.565 ug/ml
18) T n-Dotriacontane (C32)	18.862	79667	0.542 ug/ml

(f)=RT Delta > 1/2 Window

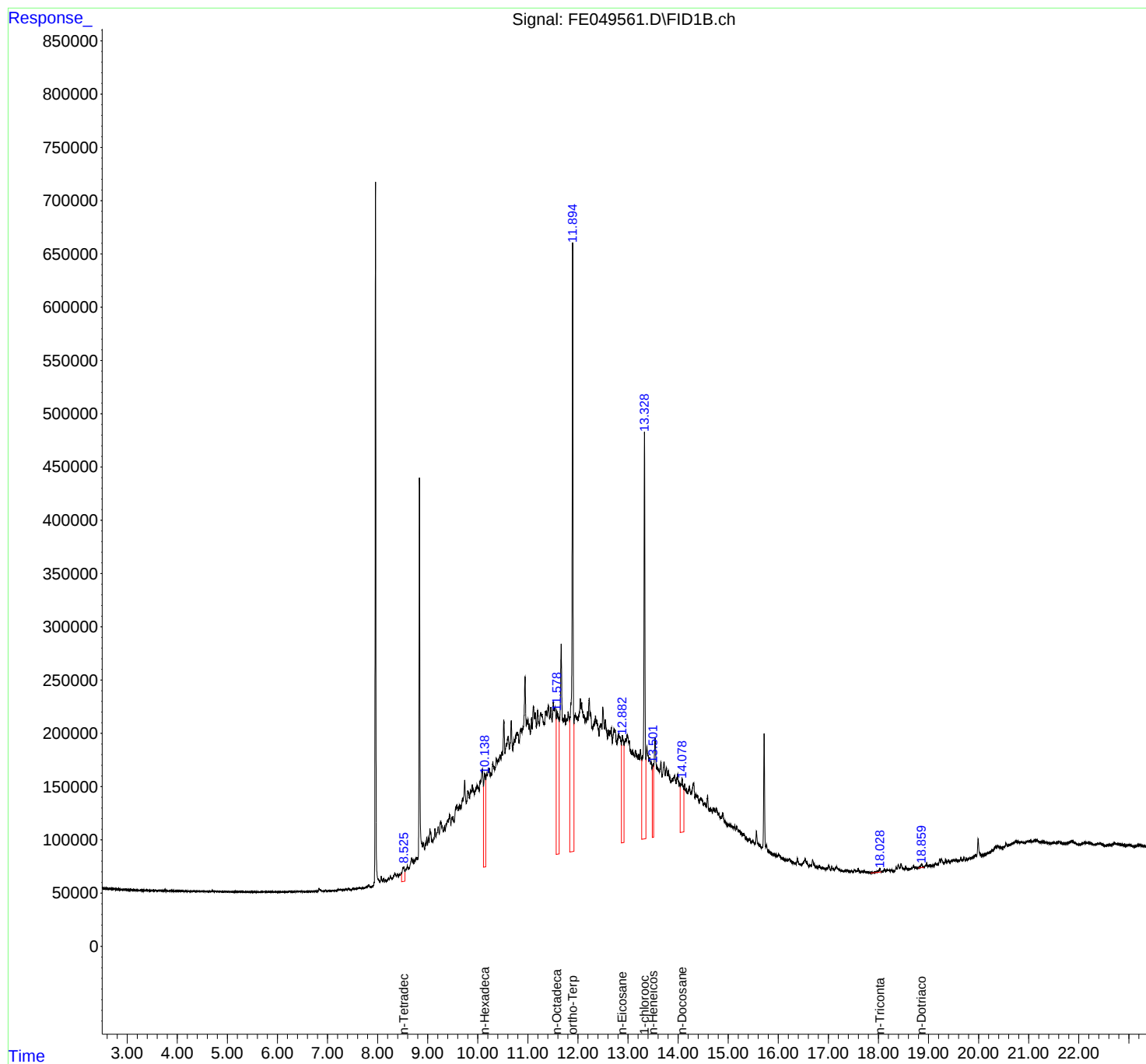
(m)=manual int.

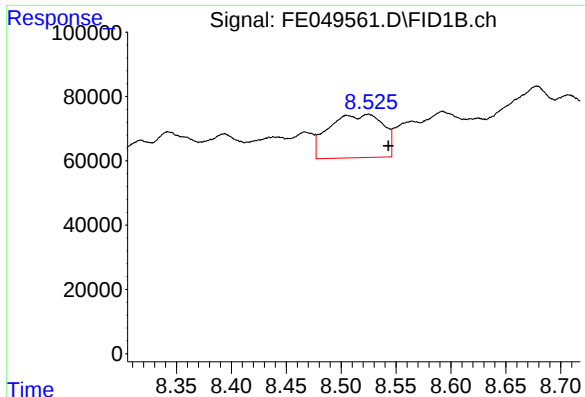
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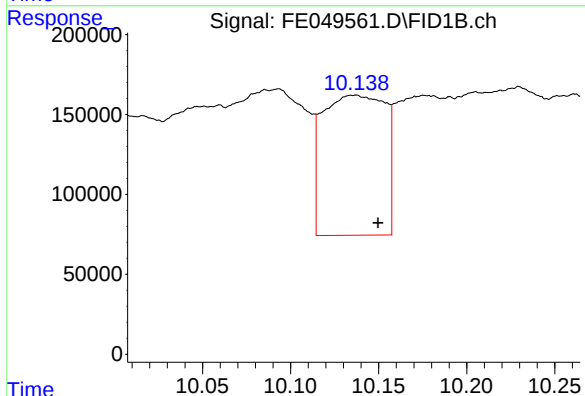




#6 n-Tetradecane (C14)

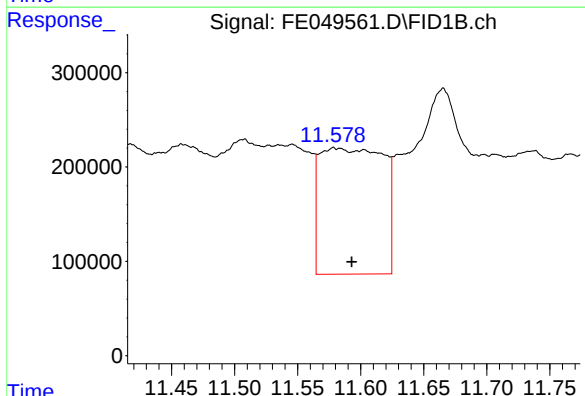
R.T.: 8.525 min
Delta R.T.: -0.018 min
Response: 462162
Conc: 3.05 ug/ml

Instrument :
FID_E
ClientSampleId :



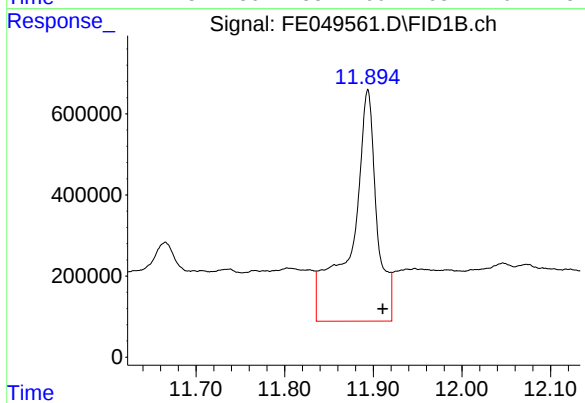
#7 n-Hexadecane (C16)

R.T.: 10.136 min
Delta R.T.: -0.014 min
Response: 2152284
Conc: 14.19 ug/ml



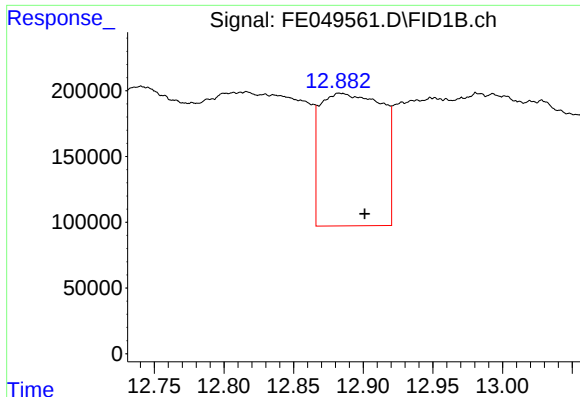
#8 n-Octadecane (C18)

R.T.: 11.581 min
Delta R.T.: -0.012 min
Response: 4666452
Conc: 30.73 ug/ml



#9 ortho-Terphenyl (SURR)

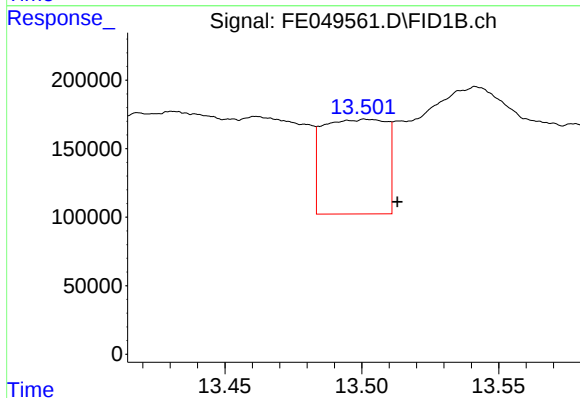
R.T.: 11.894 min
Delta R.T.: -0.017 min
Response: 11340399
Conc: 73.12 ug/ml



#10 n-Eicosane (C20)

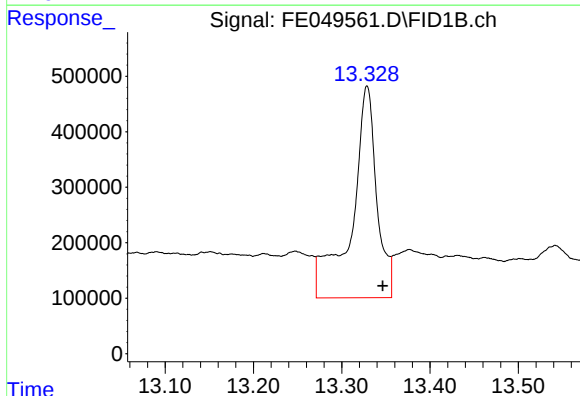
R.T.: 12.884 min
Delta R.T.: -0.017 min
Response: 3133462
Conc: 21.67 ug/ml

Instrument :
FID_E
ClientSampleId :



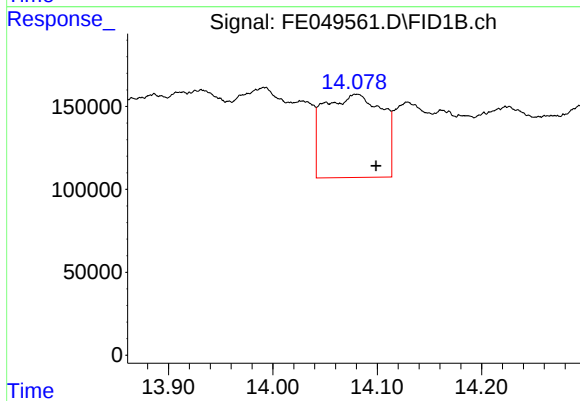
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: -0.011 min
Response: 1116297
Conc: 7.87 ug/ml



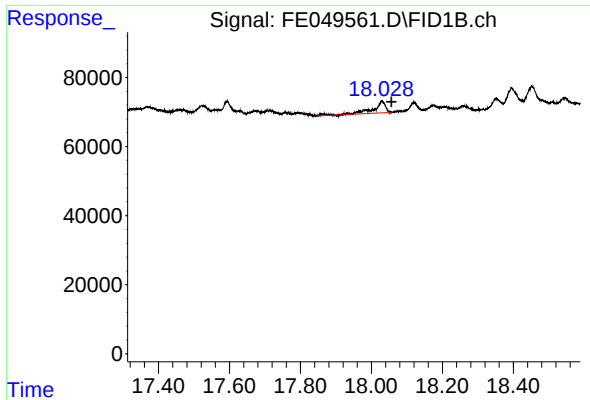
#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.018 min
Response: 7542912
Conc: 64.56 ug/ml



#13 n-Docosane (C22)

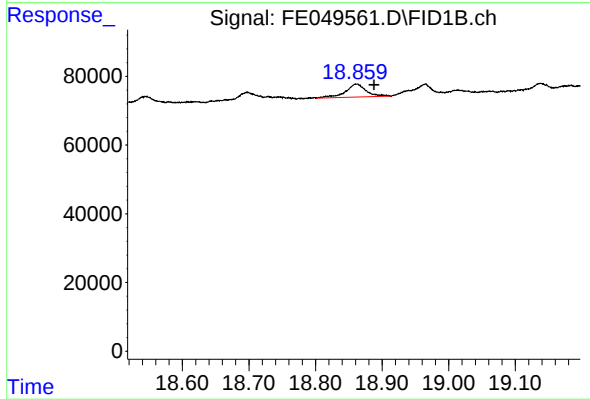
R.T.: 14.080 min
Delta R.T.: -0.019 min
Response: 1953339
Conc: 13.90 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.030 min
Delta R.T.: -0.027 min
Response: 82476
Conc: 0.57 ug/ml

Instrument :
FID_E
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.862 min
Delta R.T.: -0.026 min
Response: 79667
Conc: 0.54 ug/ml