

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052024AL\
 Data File : FE048295.D
 Signal(s) : FID1B.ch
 Acq On : 20 May 2024 21:37
 Operator : YP\AJ
 Sample : P2527-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 01:26:22 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.959	6825101	47.309 ug/ml
Spiked Amount 50.000		Recovery =	94.62%
12) S 1-chlorooctadecane (S...	13.392	5530169	49.491 ug/ml
Spiked Amount 50.000		Recovery =	98.98%
Target Compounds			
6) T n-Tetradecane (C14)	8.586	43692	0.330 ug/ml
7) T n-Hexadecane (C16)	10.192	103242	0.751 ug/ml
8) T n-Octadecane (C18)	11.635	109181	0.784 ug/ml
10) T n-Eicosane (C20)	12.943	80223	0.596 ug/ml
11) T n-Heneicosane (C21)	13.556	73767	0.557 ug/ml
13) T n-Docosane (C22)	14.141	46950	0.354 ug/ml
16) T n-Octacosane (C28)	17.260	39311	0.295 ug/ml
17) T n-Tricontane (C30)	18.097	48107	0.349 ug/ml
18) T n-Dotriacontane (C32)	18.925	101483	0.735 ug/ml

(f)=RT Delta > 1/2 Window

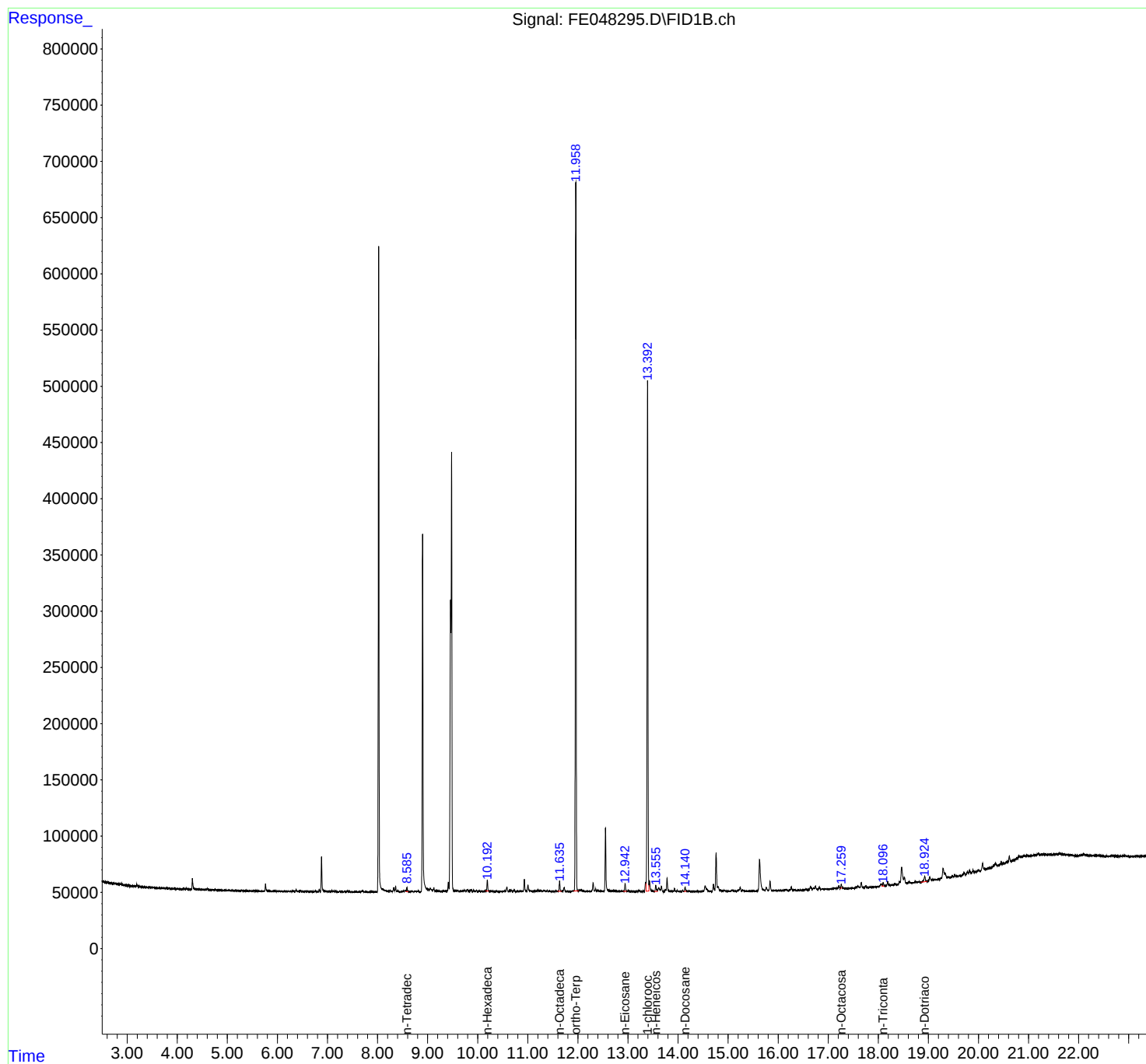
(m)=manual int.

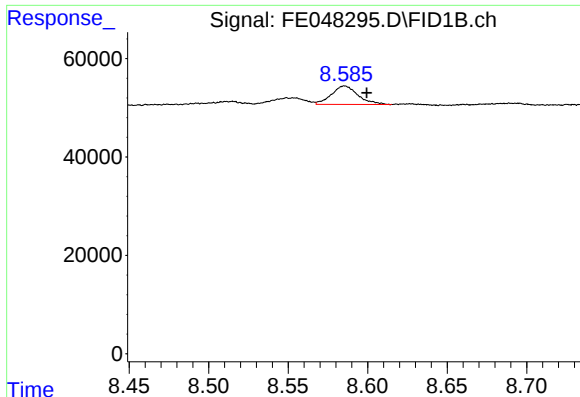
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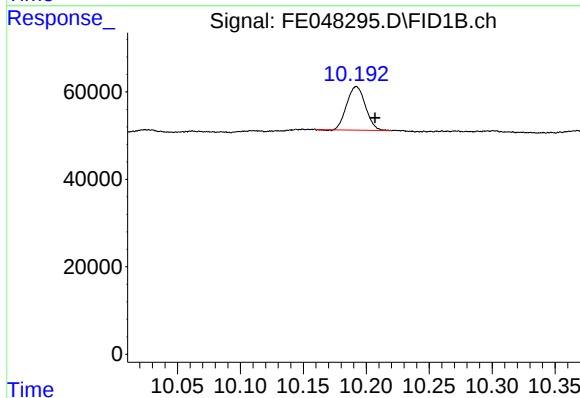




#6 n-Tetradecane (C14)

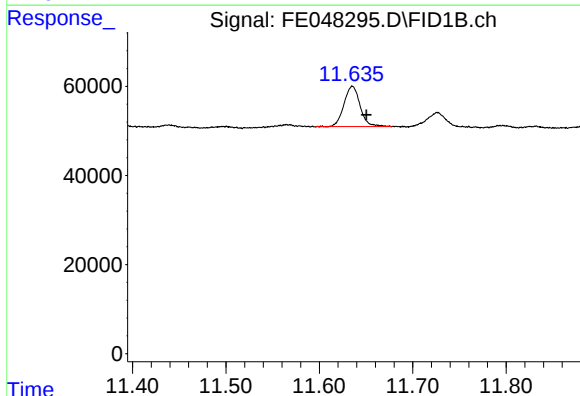
R.T.: 8.586 min
Delta R.T.: -0.014 min
Response: 43692
Conc: 0.33 ug/ml

Instrument :
FID_E
ClientSampleId :



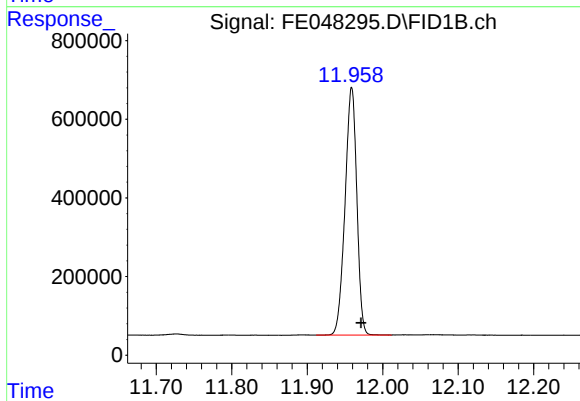
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.015 min
Response: 103242
Conc: 0.75 ug/ml



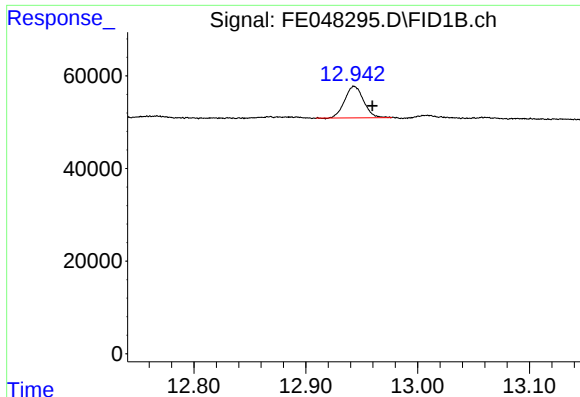
#8 n-Octadecane (C18)

R.T.: 11.635 min
Delta R.T.: -0.015 min
Response: 109181
Conc: 0.78 ug/ml



#9 ortho-Terphenyl (SURR)

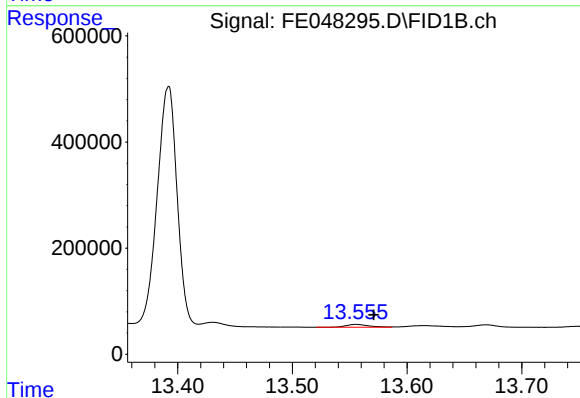
R.T.: 11.959 min
Delta R.T.: -0.012 min
Response: 6825101
Conc: 47.31 ug/ml



#10 n-Eicosane (C20)

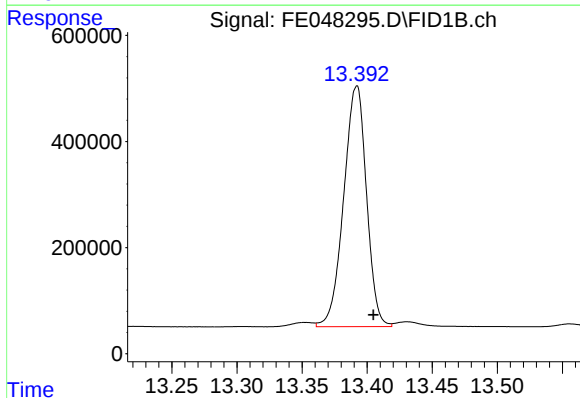
R.T.: 12.943 min
Delta R.T.: -0.016 min
Response: 80223
Conc: 0.60 ug/ml

Instrument :
FID_E
ClientSampleId :



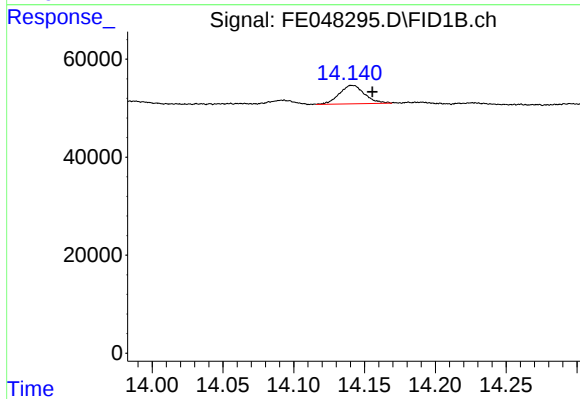
#11 n-Heneicosane (C21)

R.T.: 13.556 min
Delta R.T.: -0.015 min
Response: 73767
Conc: 0.56 ug/ml



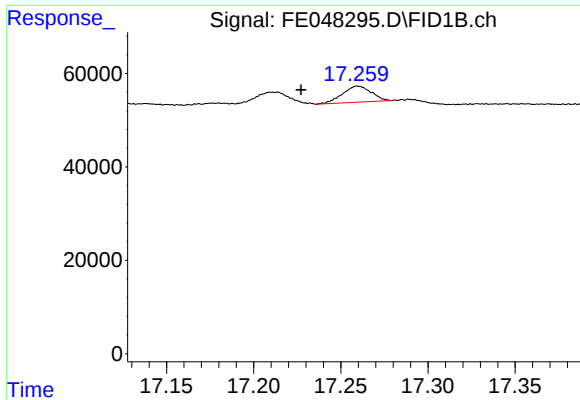
#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.013 min
Response: 5530169
Conc: 49.49 ug/ml



#13 n-Docosane (C22)

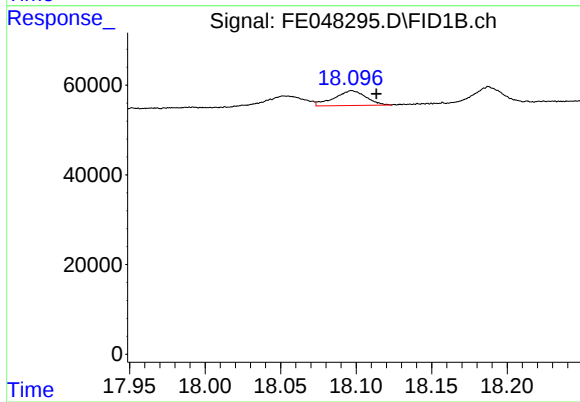
R.T.: 14.141 min
Delta R.T.: -0.014 min
Response: 46950
Conc: 0.35 ug/ml



#16 n-Octacosane (C28)

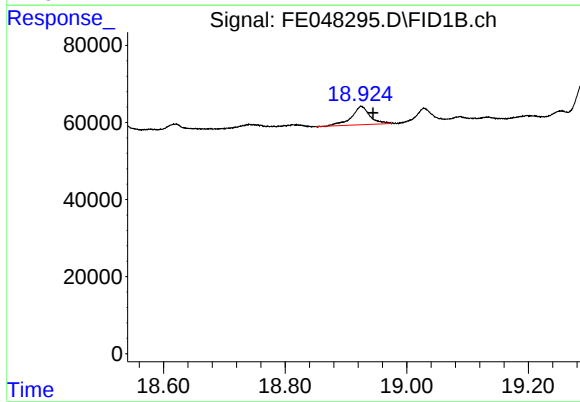
R.T.: 17.260 min
Delta R.T.: 0.033 min
Response: 39311
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :



#17 n-Tricontane (C30)

R.T.: 18.097 min
Delta R.T.: -0.016 min
Response: 48107
Conc: 0.35 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.925 min
Delta R.T.: -0.020 min
Response: 101483
Conc: 0.73 ug/ml