

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100423AL\
 Data File : FE044582.D
 Signal(s) : FID1B.ch
 Acq On : 04 Oct 2023 15:11
 Operator : YP\AJ
 Sample : 04700-01D
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 05 00:17:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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)	11.934	21706699	115.622 ug/ml
Spiked Amount 50.000		Recovery =	231.24%
12) S 1-chlorooctadecane (S...	13.374	15147632	111.344 ug/ml
Spiked Amount 50.000		Recovery =	222.69%
Target Compounds			
6) T n-Tetradecane (C14)	8.542	433380	2.640 ug/ml
7) T n-Hexadecane (C16)	10.168	2139231	12.628 ug/ml
8) T n-Octadecane (C18)	11.613	8019086	47.230 ug/ml
10) T n-Eicosane (C20)	12.930	7952890	49.431 ug/ml
11) T n-Heneicosane (C21)	13.542	4656799	29.740 ug/ml
13) T n-Docosane (C22)	14.112	2428825	15.748 ug/ml
14) T n-Tetracosane (C24)	15.197	556447	3.681 ug/ml
16) T n-Octacosane (C28)	17.190	273337	1.906 ug/ml
19) T n-Tetratriacontane (C34)	19.731	128020	0.876 ug/ml

(f)=RT Delta > 1/2 Window

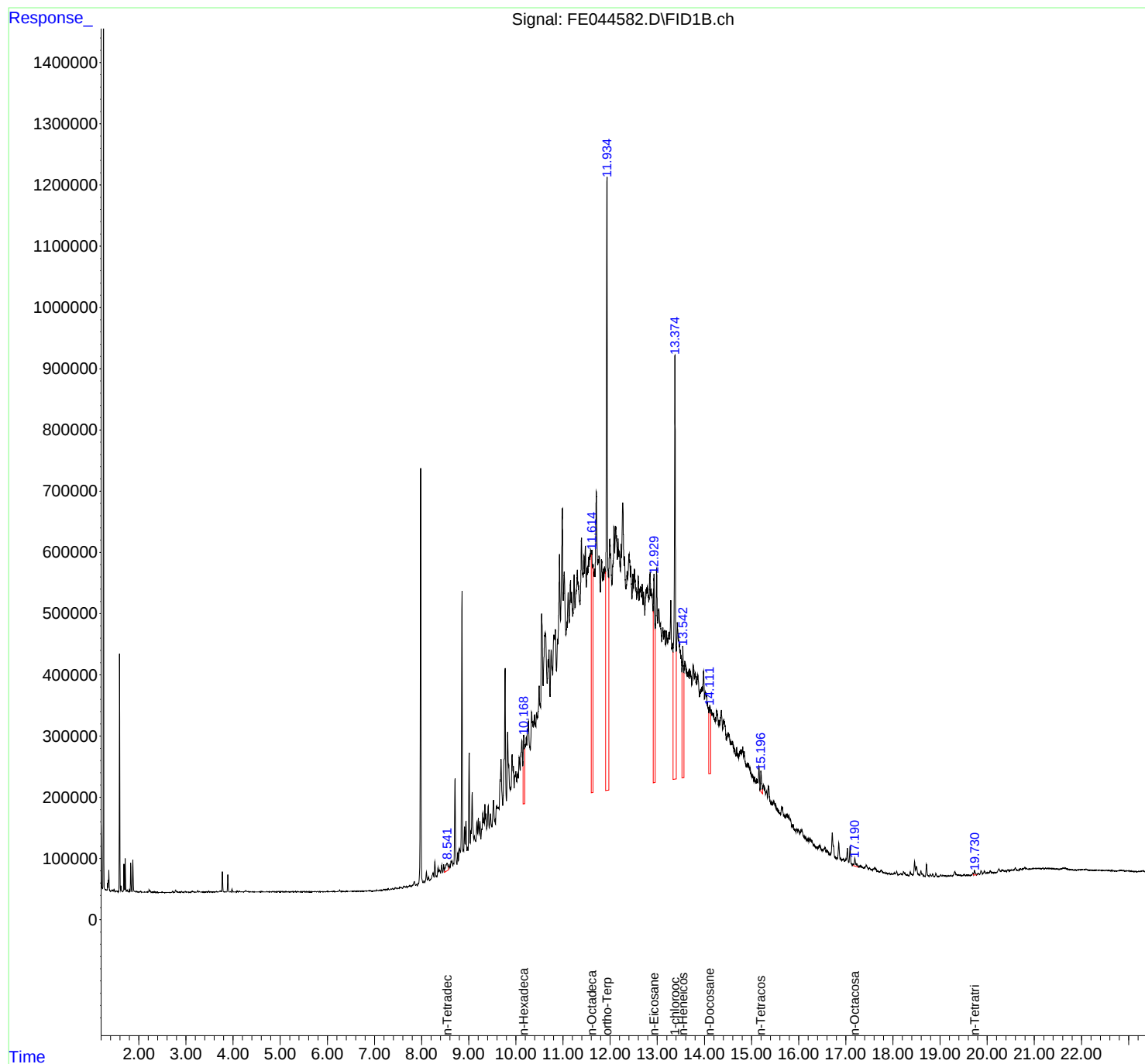
(m)=manual int.

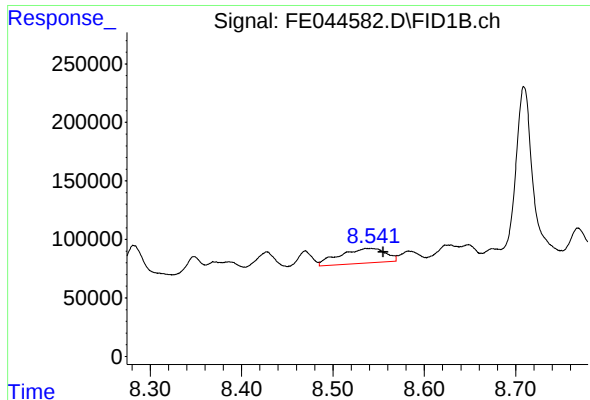
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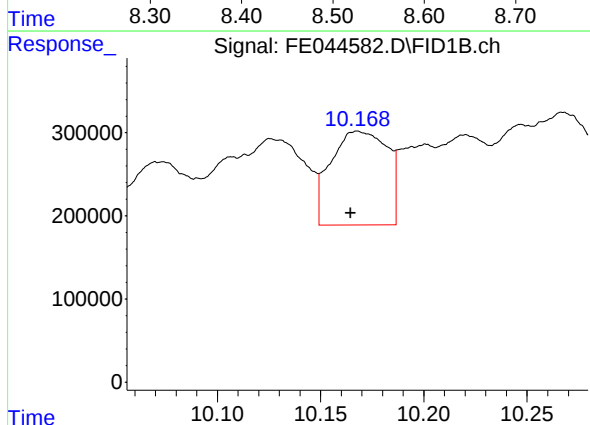




#6 n-Tetradecane (C14)

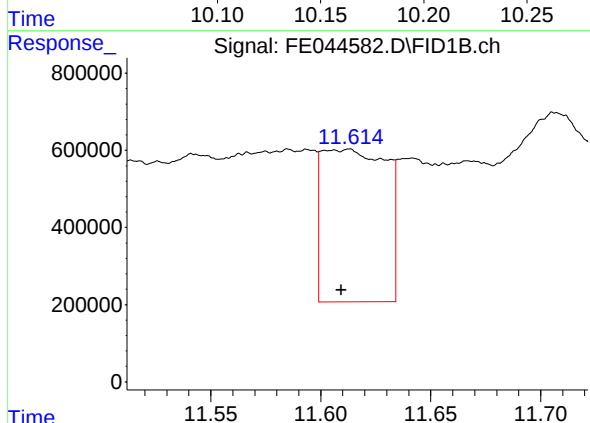
R.T.: 8.542 min
Delta R.T.: -0.013 min
Response: 433380
Conc: 2.64 ug/ml

Instrument :
FID_E
ClientSampleId :



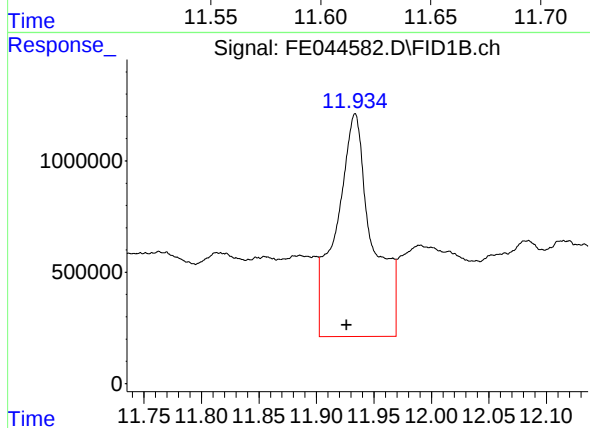
#7 n-Hexadecane (C16)

R.T.: 10.168 min
Delta R.T.: 0.003 min
Response: 2139231
Conc: 12.63 ug/ml



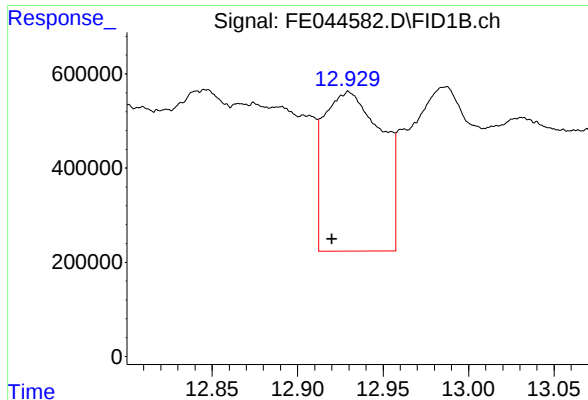
#8 n-Octadecane (C18)

R.T.: 11.613 min
Delta R.T.: 0.003 min
Response: 8019086
Conc: 47.23 ug/ml



#9 ortho-Terphenyl (SURR)

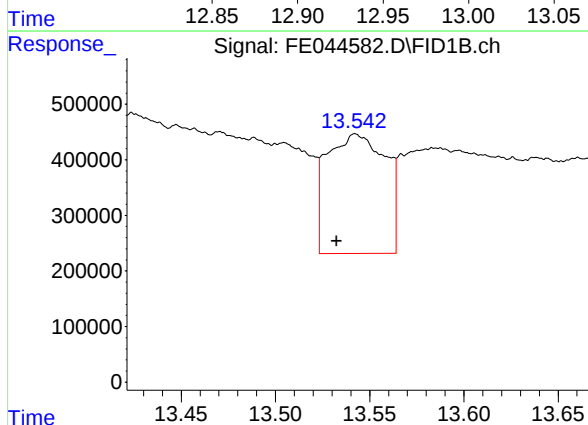
R.T.: 11.934 min
Delta R.T.: 0.007 min
Response: 21706699
Conc: 115.62 ug/ml



#10 n-Eicosane (C20)

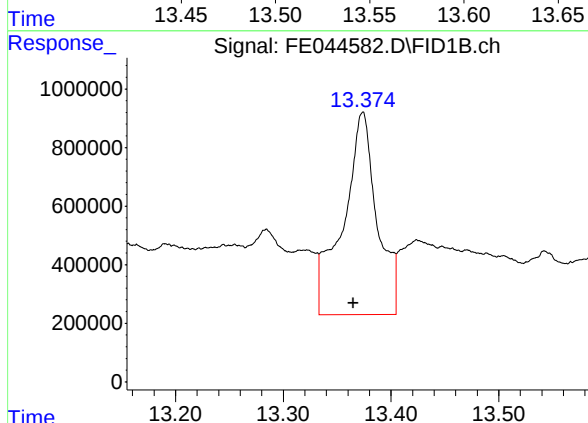
R.T.: 12.930 min
Delta R.T.: 0.010 min
Response: 7952890
Conc: 49.43 ug/ml

Instrument :
FID_E
ClientSampleId :



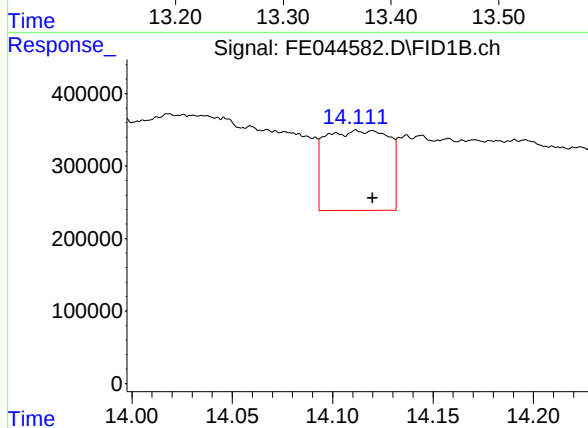
#11 n-Heneicosane (C21)

R.T.: 13.542 min
Delta R.T.: 0.010 min
Response: 4656799
Conc: 29.74 ug/ml



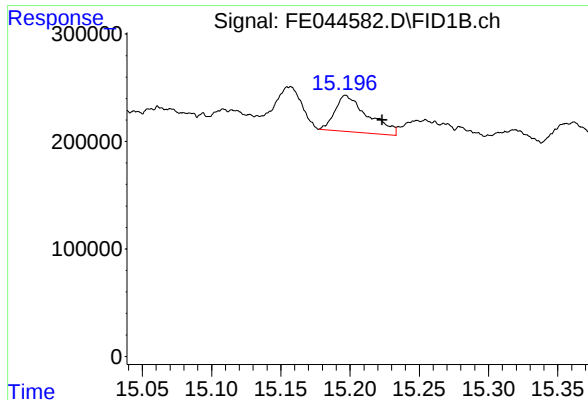
#12 1-chlorooctadecane (SURR)

R.T.: 13.374 min
Delta R.T.: 0.009 min
Response: 15147632
Conc: 111.34 ug/ml



#13 n-Docosane (C22)

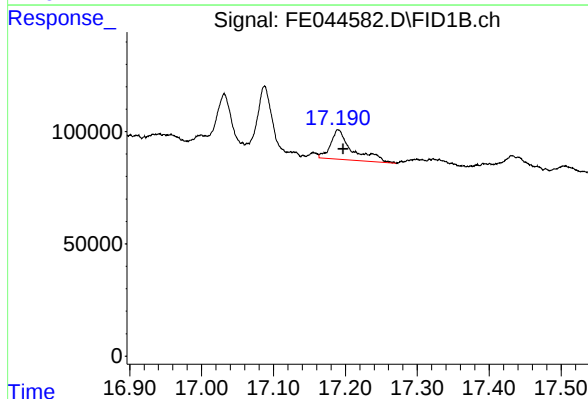
R.T.: 14.112 min
Delta R.T.: -0.008 min
Response: 2428825
Conc: 15.75 ug/ml



#14 n-Tetracosane (C24)

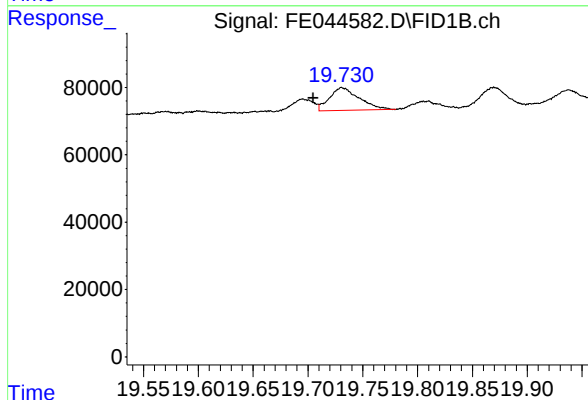
R.T.: 15.197 min
Delta R.T.: -0.027 min
Response: 556447
Conc: 3.68 ug/ml

Instrument :
FID_E
ClientSampleId :



#16 n-Octacosane (C28)

R.T.: 17.190 min
Delta R.T.: -0.007 min
Response: 273337
Conc: 1.91 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.731 min
Delta R.T.: 0.026 min
Response: 128020
Conc: 0.88 ug/ml