

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092923AL\
 Data File : FE044521.D
 Signal(s) : FID1B.ch
 Acq On : 29 Sep 2023 16:47
 Operator : YP\AJ
 Sample : 04668-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 30 00:54:12 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)	11.944	48944425	260.706 ug/ml
Spiked Amount 50.000		Recovery =	521.41%
12) S 1-chlorooctadecane (S...	13.379	18382309	135.121 ug/ml
Spiked Amount 50.000		Recovery =	270.24%
Target Compounds			
6) T n-Tetradecane (C14)	8.555	140353	0.855 ug/ml
7) T n-Hexadecane (C16)	10.177	7251741	42.807 ug/ml
8) T n-Octadecane (C18)	11.602	28591678	168.396 ug/ml
10) T n-Eicosane (C20)	12.902	15172430	94.303 ug/ml
11) T n-Heneicosane (C21)	13.515	5041659	32.198 ug/ml
13) T n-Docosane (C22)	14.113	1114549	7.226 ug/ml
18) T n-Dotriacontane (C32)	18.908	158608	1.071 ug/ml
19) T n-Tetratriacontane (C34)	19.700	113383	0.776 ug/ml

(f)=RT Delta > 1/2 Window

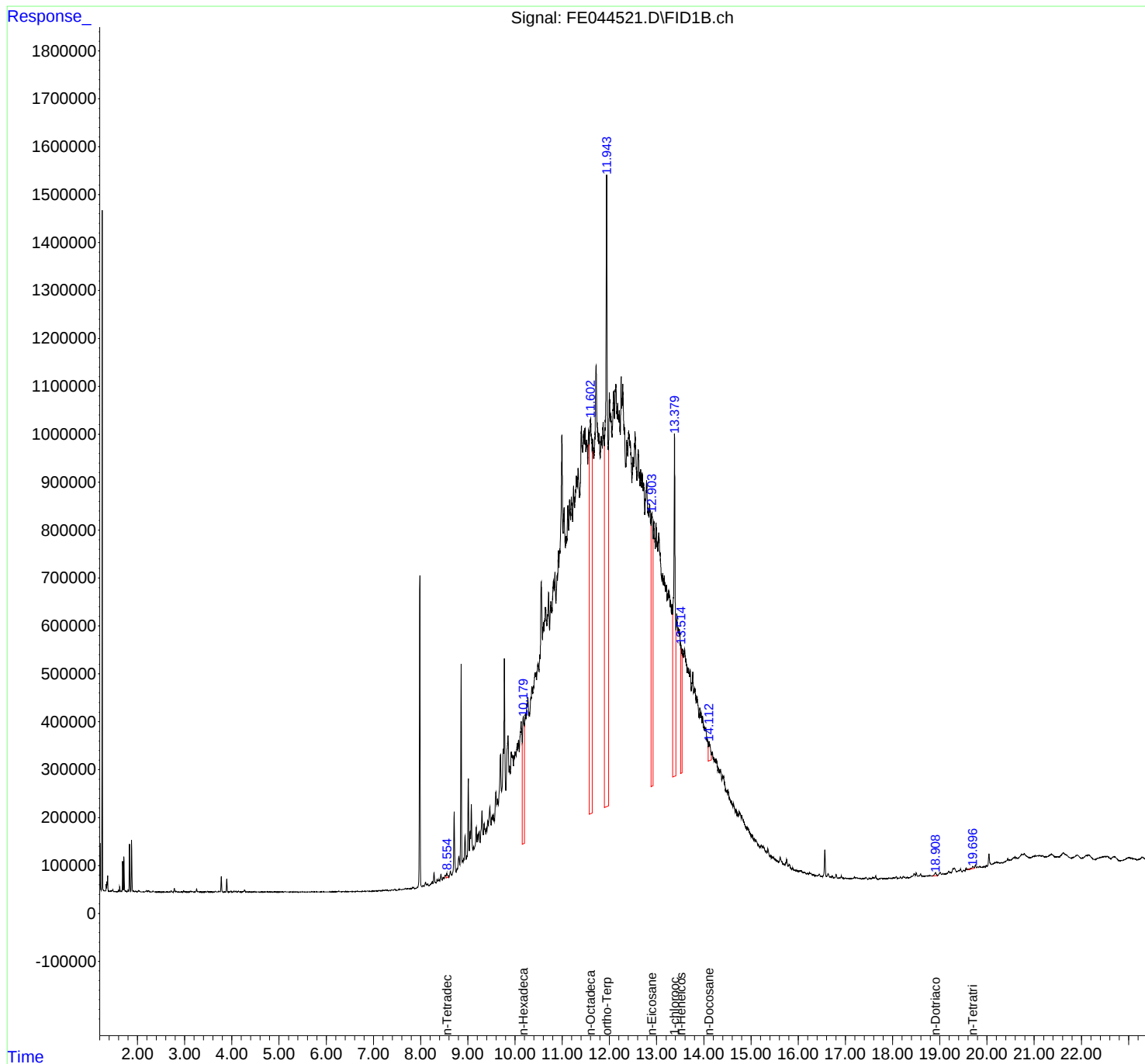
(m)=manual int.

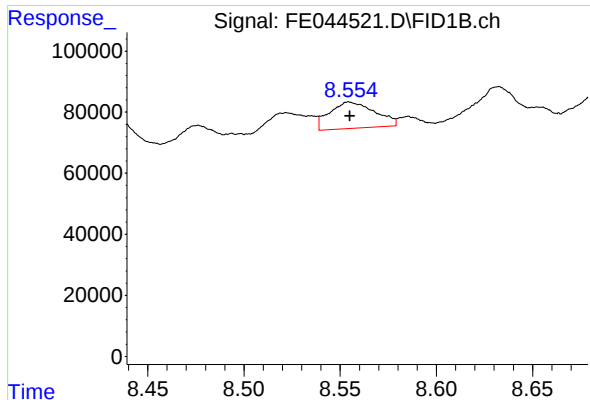
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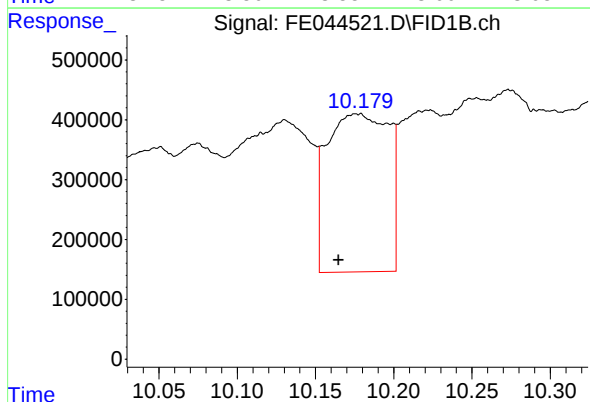




#6 n-Tetradecane (C14)

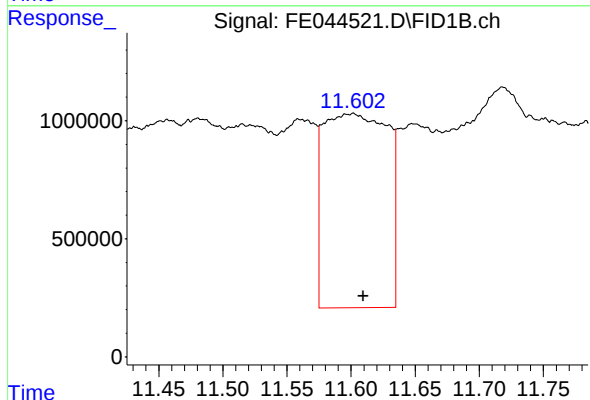
R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 140353
Conc: 0.85 ug/ml

Instrument :
FID_E
ClientSampleId :



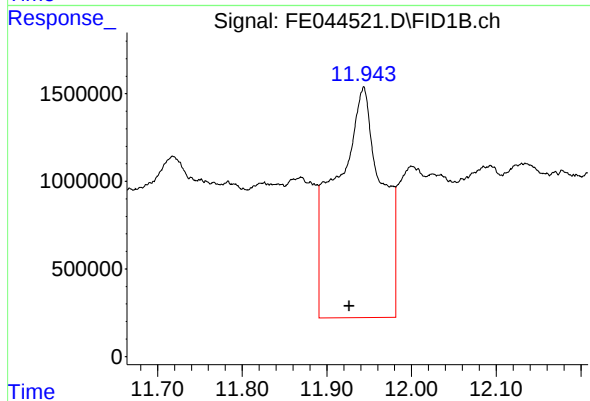
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.012 min
Response: 7251741
Conc: 42.81 ug/ml



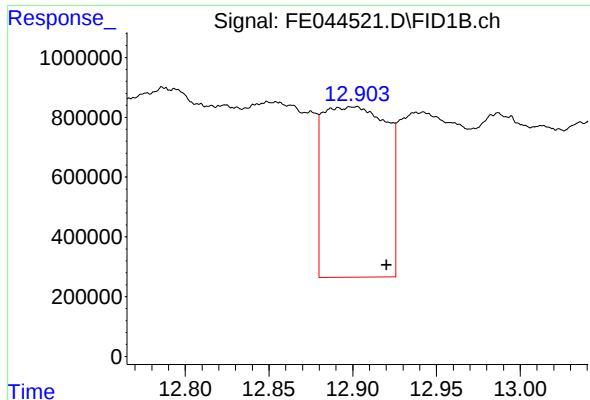
#8 n-Octadecane (C18)

R.T.: 11.602 min
Delta R.T.: -0.008 min
Response: 28591678
Conc: 168.40 ug/ml



#9 ortho-Terphenyl (SURR)

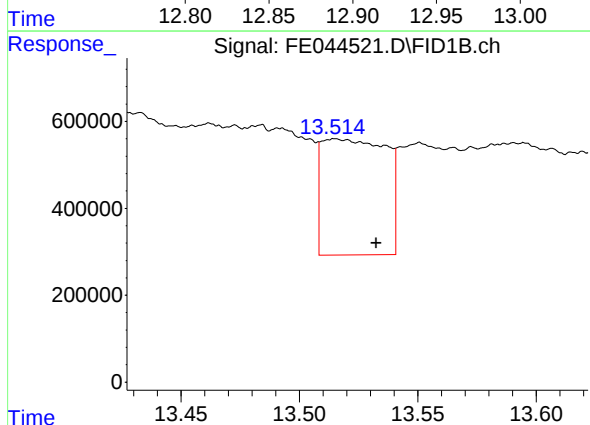
R.T.: 11.944 min
Delta R.T.: 0.017 min
Response: 48944425
Conc: 260.71 ug/ml



#10 n-Eicosane (C20)

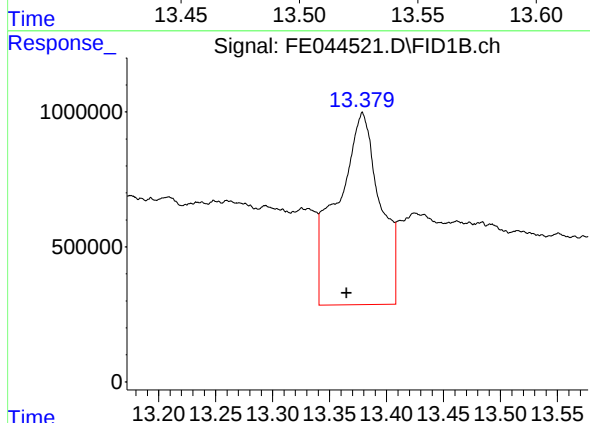
R.T.: 12.902 min
Delta R.T.: -0.019 min
Response: 15172430
Conc: 94.30 ug/ml

Instrument :
FID_E
ClientSampleId :



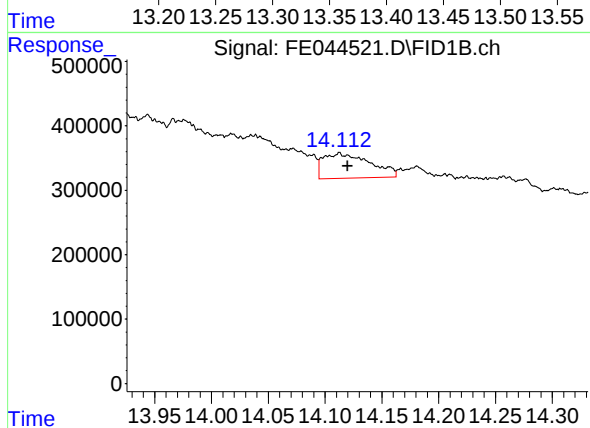
#11 n-Heneicosane (C21)

R.T.: 13.515 min
Delta R.T.: -0.018 min
Response: 5041659
Conc: 32.20 ug/ml



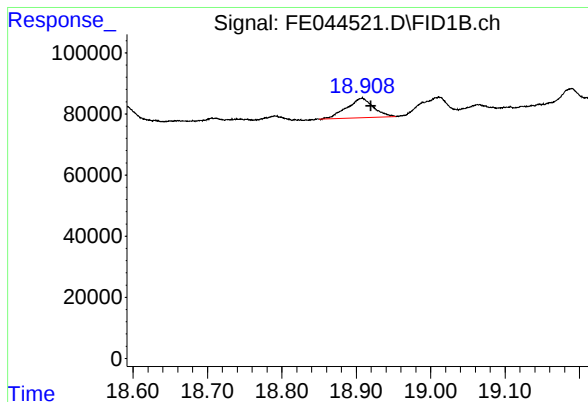
#12 1-chlorooctadecane (SURR)

R.T.: 13.379 min
Delta R.T.: 0.014 min
Response: 18382309
Conc: 135.12 ug/ml



#13 n-Docosane (C22)

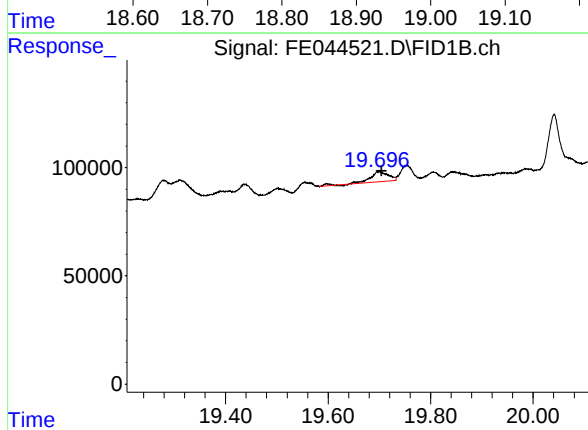
R.T.: 14.113 min
Delta R.T.: -0.007 min
Response: 1114549
Conc: 7.23 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.908 min
Delta R.T.: -0.012 min
Response: 158608
Conc: 1.07 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.005 min
Response: 113383
Conc: 0.78 ug/ml