

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092023AL\
 Data File : FE044369.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2023 19:51
 Operator : YP\AJ
 Sample : 04499-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 01:11:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 31 03:37:37 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)	11.937	12896559	68.073 ug/ml
Spiked Amount 50.000		Recovery =	136.15%
12) S 1-chlorooctadecane (S...	13.372	6695341	48.465 ug/ml
Spiked Amount 50.000		Recovery =	96.93%
Target Compounds			
6) T n-Tetradecane (C14)	8.523	68939	0.411 ug/ml
7) T n-Hexadecane (C16)	10.173	1479411	8.560 ug/ml
8) T n-Octadecane (C18)	11.622	2772984	15.930 ug/ml
10) T n-Eicosane (C20)	12.924	2199408	13.297 ug/ml
11) T n-Heneicosane (C21)	13.543	858607	5.308 ug/ml
13) T n-Docosane (C22)	14.125	122747	0.768 ug/ml
14) T n-Tetracosane (C24)	15.202	198209	1.268 ug/ml
16) T n-Octacosane (C28)	17.201	164435	1.139 ug/ml
18) T n-Dotriacontane (C32)	18.919	124332	0.873 ug/ml
19) T n-Tetratriacontane (C34)	19.713	97122	0.694 ug/ml

(f)=RT Delta > 1/2 Window

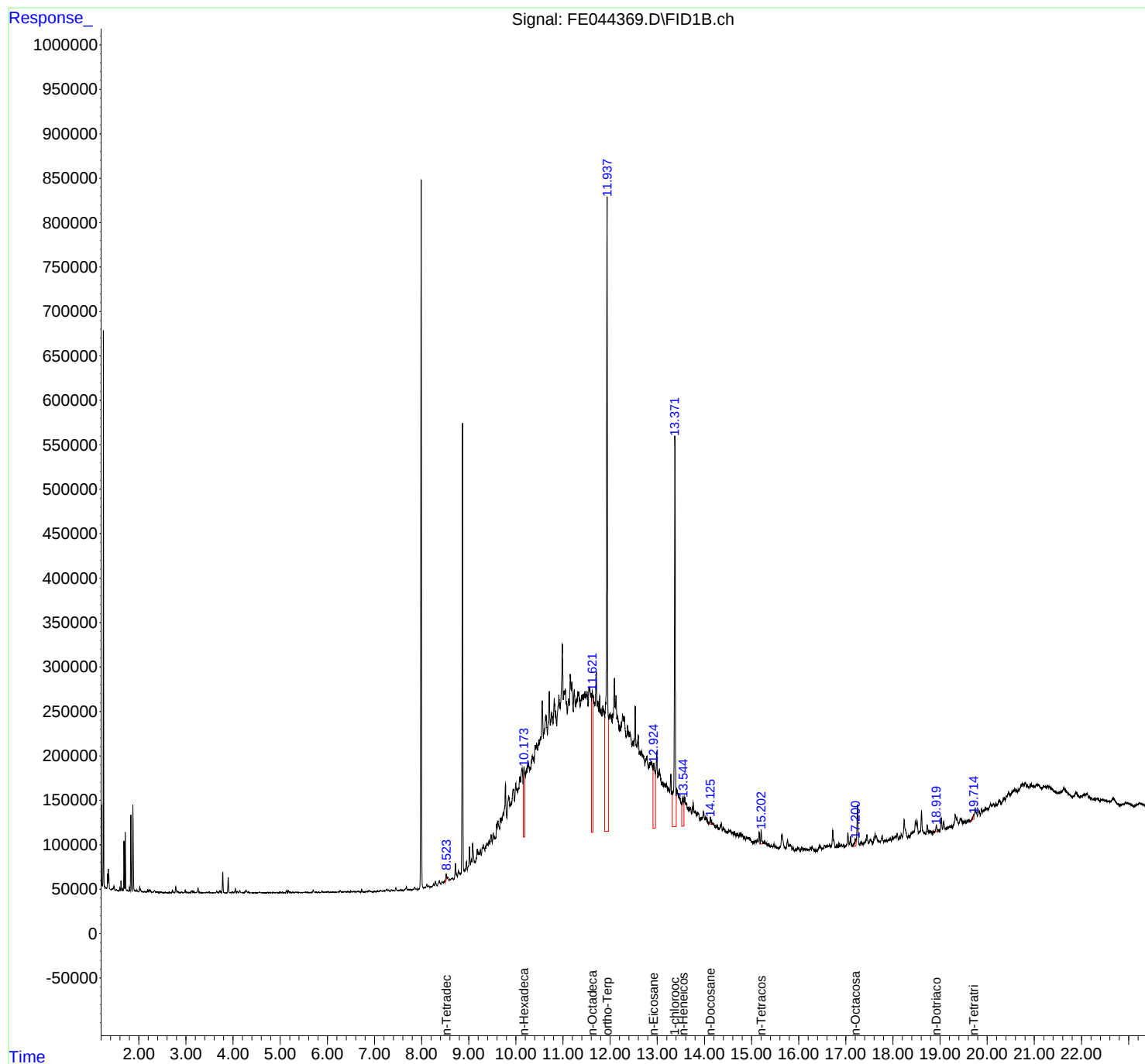
(m)=manual int.

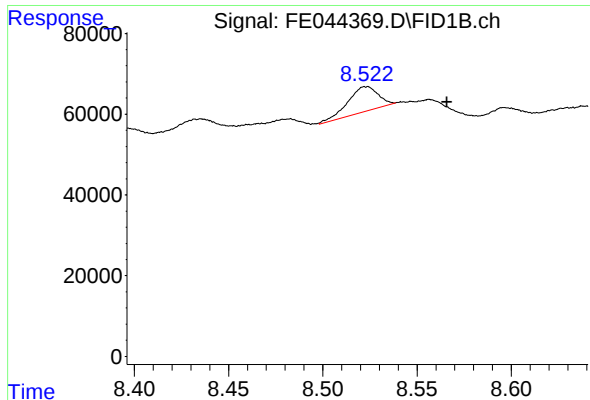
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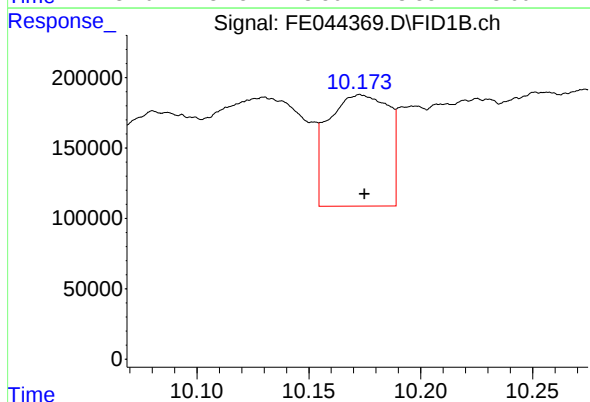




#6 n-Tetradecane (C14)

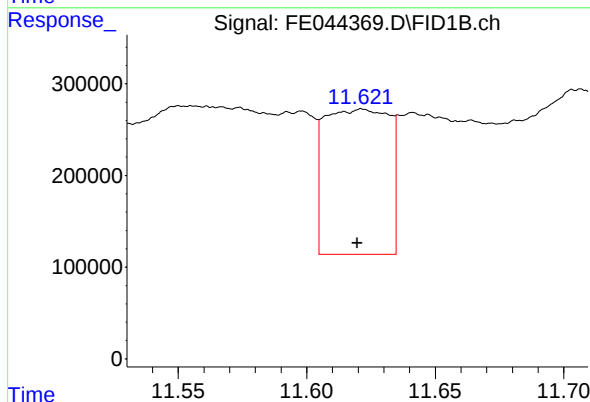
R.T.: 8.523 min
Delta R.T.: -0.043 min
Response: 68939
Conc: 0.41 ug/ml

Instrument :
FID_E
ClientSampleId :



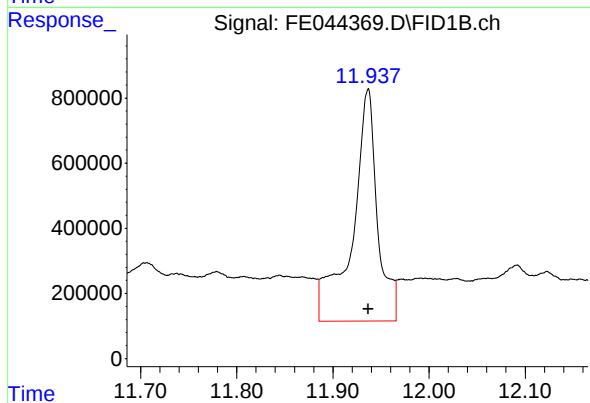
#7 n-Hexadecane (C16)

R.T.: 10.173 min
Delta R.T.: -0.002 min
Response: 1479411
Conc: 8.56 ug/ml



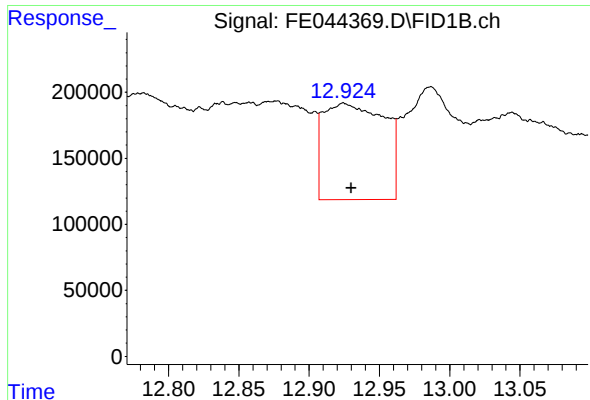
#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: 0.002 min
Response: 2772984
Conc: 15.93 ug/ml



#9 ortho-Terphenyl (SURR)

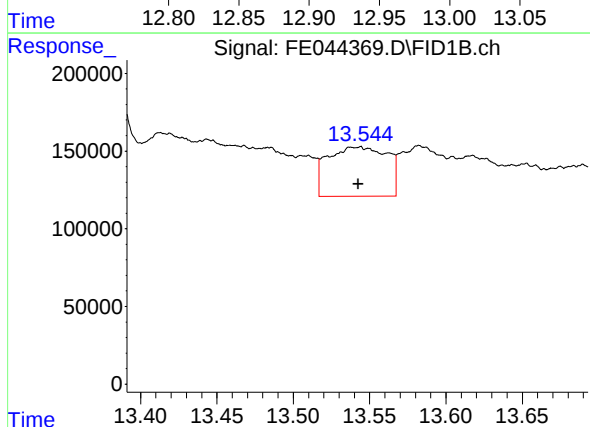
R.T.: 11.937 min
Delta R.T.: 0.000 min
Response: 12896559
Conc: 68.07 ug/ml



#10 n-Eicosane (C20)

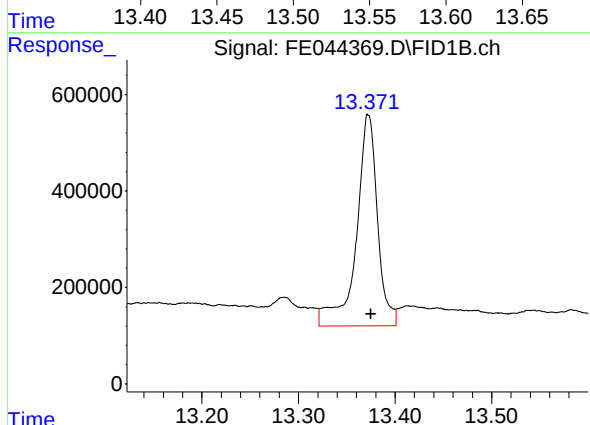
R.T.: 12.924 min
Delta R.T.: -0.006 min
Response: 2199408
Conc: 13.30 ug/ml

Instrument :
FID_E
ClientSampleId :



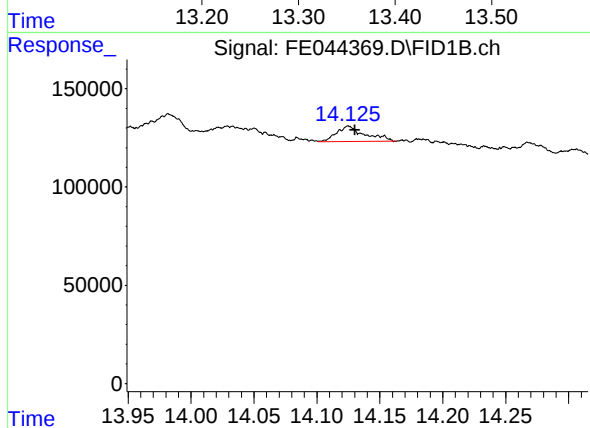
#11 n-Heneicosane (C21)

R.T.: 13.543 min
Delta R.T.: 0.000 min
Response: 858607
Conc: 5.31 ug/ml



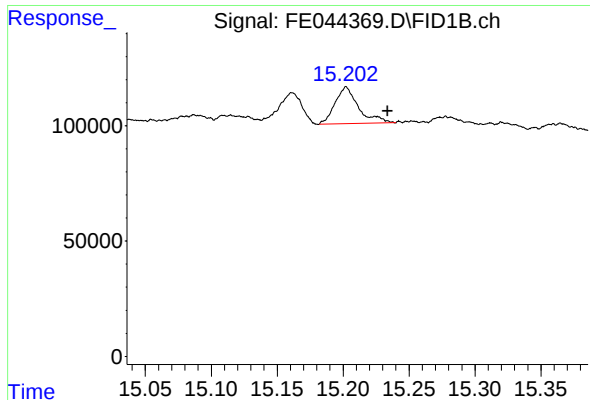
#12 1-chlorooctadecane (SURR)

R.T.: 13.372 min
Delta R.T.: -0.003 min
Response: 6695341
Conc: 48.47 ug/ml



#13 n-Docosane (C22)

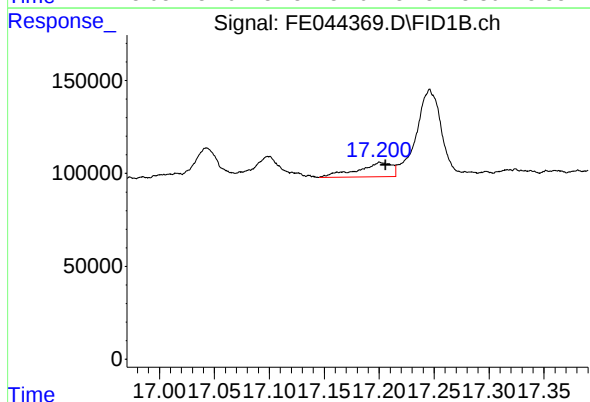
R.T.: 14.125 min
Delta R.T.: -0.005 min
Response: 122747
Conc: 0.77 ug/ml



#14 n-Tetracosane (C24)

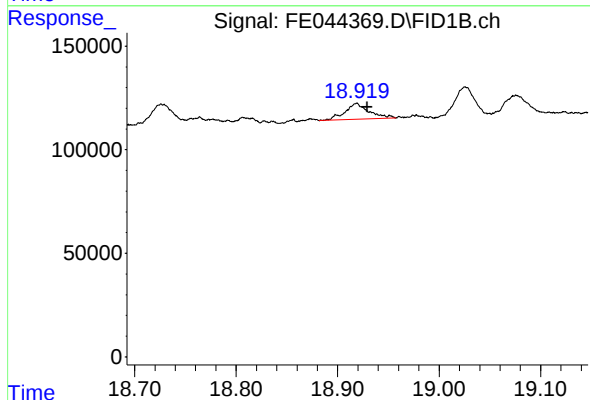
R.T.: 15.202 min
Delta R.T.: -0.031 min
Response: 198209
Conc: 1.27 ug/ml

Instrument :
FID_E
ClientSampleId :



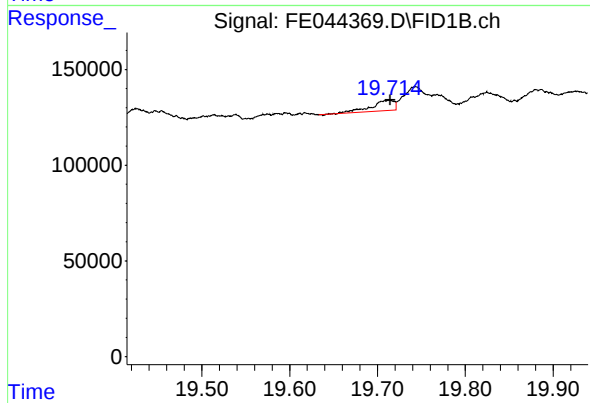
#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.005 min
Response: 164435
Conc: 1.14 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.919 min
Delta R.T.: -0.011 min
Response: 124332
Conc: 0.87 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.001 min
Response: 97122
Conc: 0.69 ug/ml