

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092923AL\
 Data File : FE044520.D
 Signal(s) : FID1B.ch
 Acq On : 29 Sep 2023 16:17
 Operator : YP\AJ
 Sample : 04668-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 29 16:51:19 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)	11.957	147605462	786.230 ug/ml
Spiked Amount 50.000		Recovery	= 1572.46%
12) S 1-chlorooctadecane (S...	13.403	58836866	432.486 ug/ml
Spiked Amount 50.000		Recovery	= 864.97%
Target Compounds			
5) T A~2-methylnaphthalene...	7.353	178956	1.046 ug/ml
6) T n-Tetradecane (C14)	8.562	1192086	7.261 ug/ml
7) T n-Hexadecane (C16)	10.177	11911992	70.316 ug/ml
8) T n-Octadecane (C18)	11.616	31683576	186.606 ug/ml
10) T n-Eicosane (C20)	12.931	23845015	148.207 ug/ml
11) T n-Heneicosane (C21)	13.499	51612910	329.615 ug/ml
13) T n-Docosane (C22)	14.131	15218201	98.671 ug/ml
14) T n-Tetracosane (C24)	15.228	3632869	24.032 ug/ml
15) T n-Hexacosane (C26)	16.278	491923	3.344 ug/ml
18) T n-Dotriacontane (C32)	18.907	134915	0.911 ug/ml
19) T n-Tetratriacontane (C34)	19.700	117397	0.803 ug/ml
22) T n-Tetracontane (C40)	22.098	18990	0.120 ug/ml

(f)=RT Delta > 1/2 Window

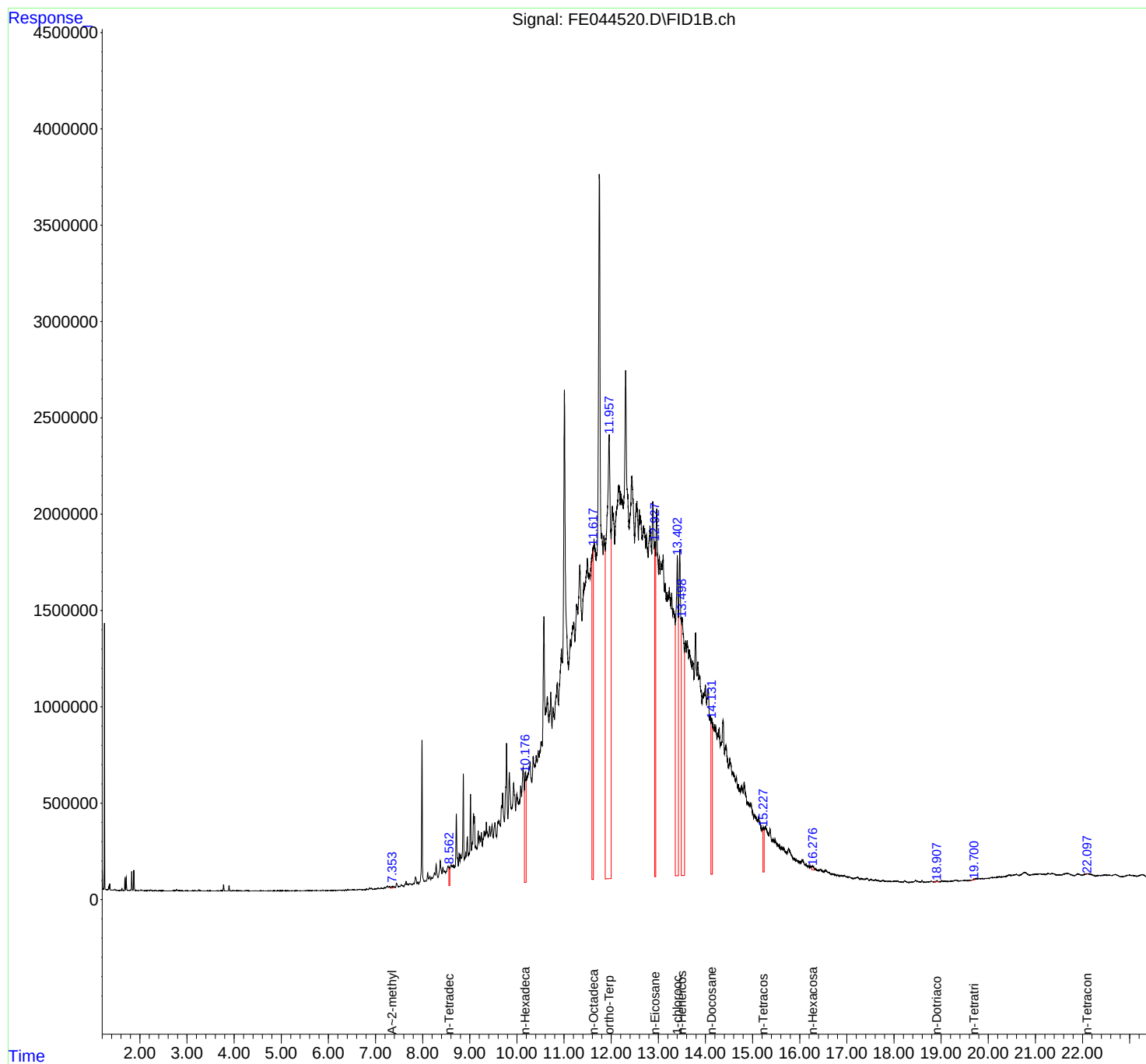
(m)=manual int.

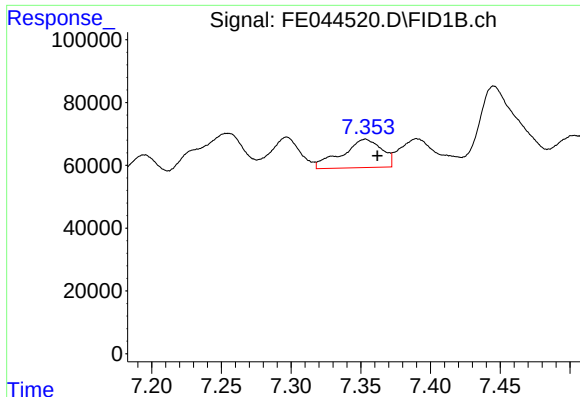
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092923AL\
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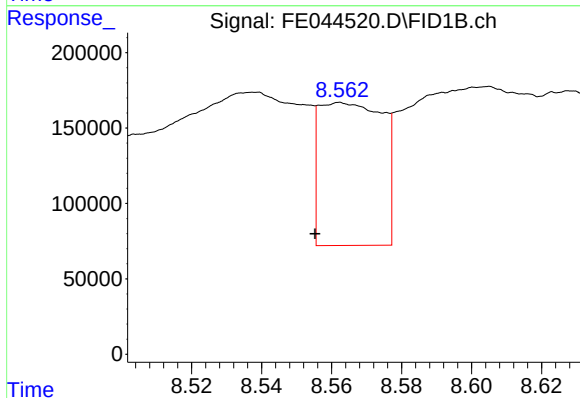




#5 A~2-methylnaphthalene (C12.89)

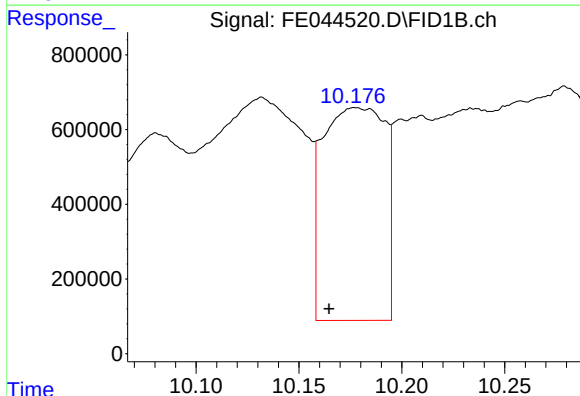
R.T.: 7.353 min
Delta R.T.: -0.009 min
Response: 178956
Conc: 1.05 ug/ml

Instrument :
FID_E
ClientSampleId :



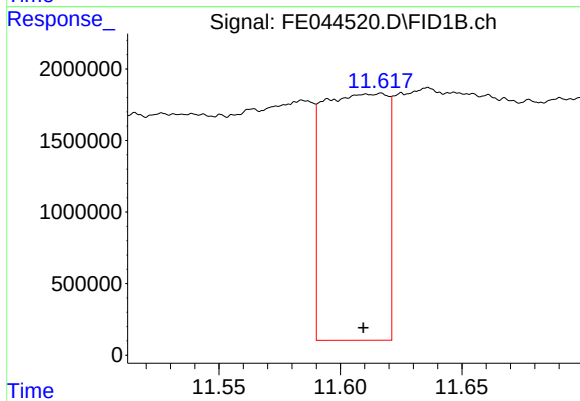
#6 n-Tetradecane (C14)

R.T.: 8.562 min
Delta R.T.: 0.007 min
Response: 1192086
Conc: 7.26 ug/ml



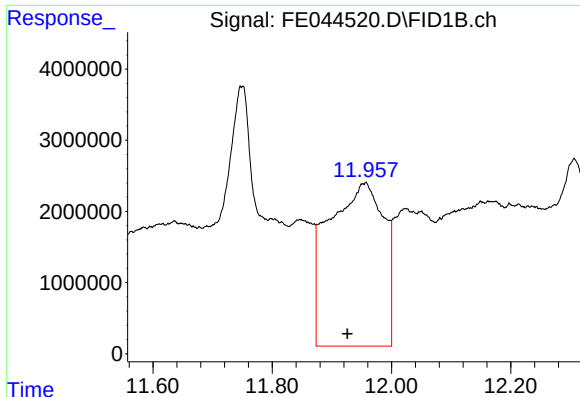
#7 n-Hexadecane (C16)

R.T.: 10.177 min
Delta R.T.: 0.013 min
Response: 11911992
Conc: 70.32 ug/ml



#8 n-Octadecane (C18)

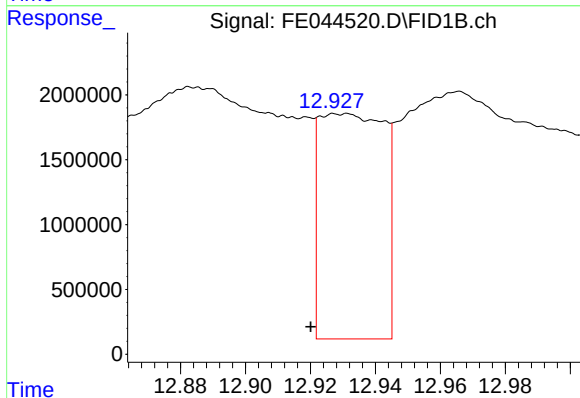
R.T.: 11.616 min
Delta R.T.: 0.007 min
Response: 31683576
Conc: 186.61 ug/ml



#9 ortho-Terphenyl (SURR)

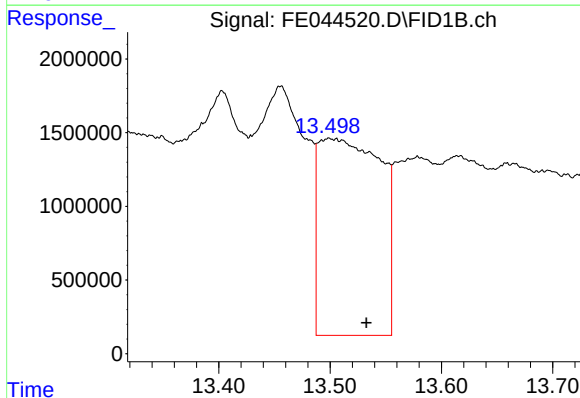
R.T.: 11.957 min
Delta R.T.: 0.031 min
Response: 147605462
Conc: 786.23 ug/ml

Instrument :
FID_E
ClientSampleId :



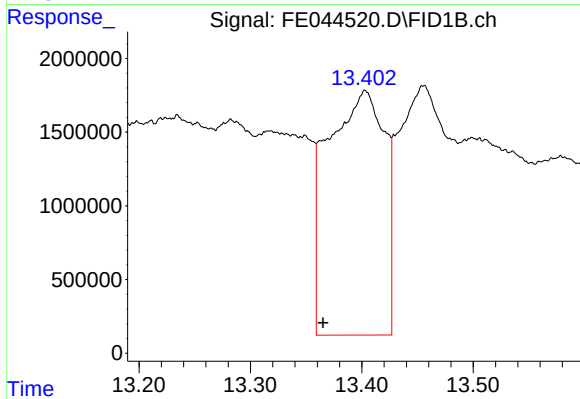
#10 n-Eicosane (C20)

R.T.: 12.931 min
Delta R.T.: 0.011 min
Response: 23845015
Conc: 148.21 ug/ml



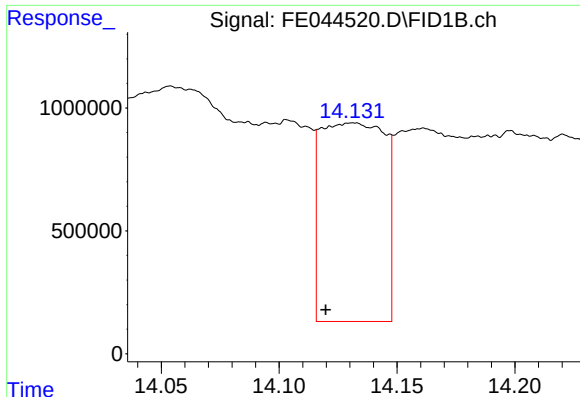
#11 n-Heneicosane (C21)

R.T.: 13.499 min
Delta R.T.: -0.033 min
Response: 51612910
Conc: 329.62 ug/ml



#12 1-chlorooctadecane (SURR)

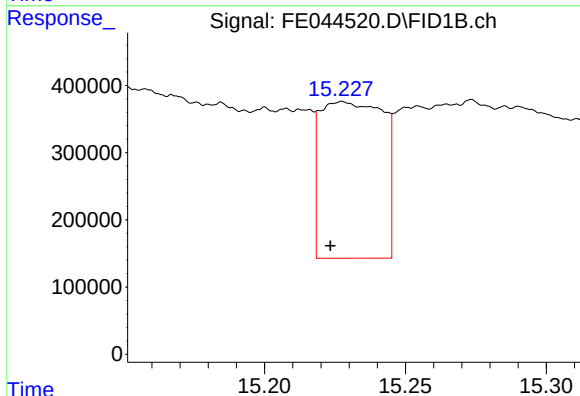
R.T.: 13.403 min
Delta R.T.: 0.038 min
Response: 58836866
Conc: 432.49 ug/ml



#13 n-Docosane (C22)

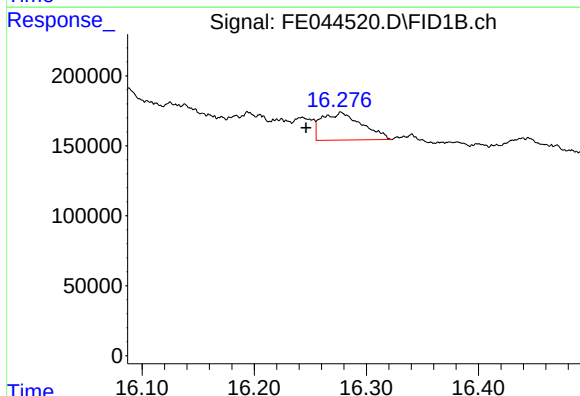
R.T.: 14.131 min
Delta R.T.: 0.012 min
Response: 15218201
Conc: 98.67 ug/ml

Instrument :
FID_E
ClientSampleId :



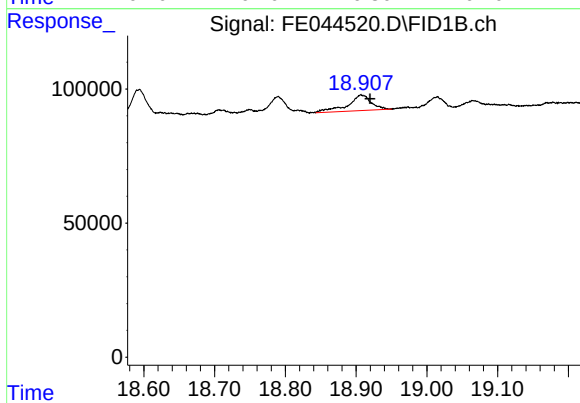
#14 n-Tetracosane (C24)

R.T.: 15.228 min
Delta R.T.: 0.004 min
Response: 3632869
Conc: 24.03 ug/ml



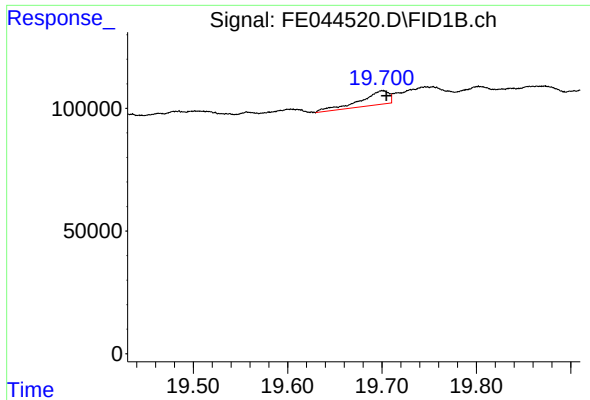
#15 n-Hexacosane (C26)

R.T.: 16.278 min
Delta R.T.: 0.031 min
Response: 491923
Conc: 3.34 ug/ml



#18 n-Dotriacontane (C32)

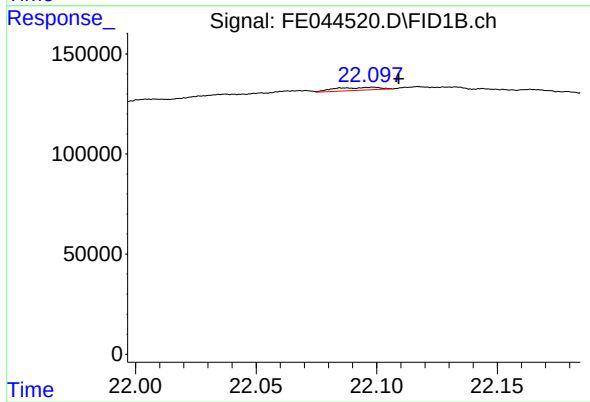
R.T.: 18.907 min
Delta R.T.: -0.013 min
Response: 134915
Conc: 0.91 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.700 min
Delta R.T.: -0.004 min
Response: 117397
Conc: 0.80 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.098 min
Delta R.T.: -0.011 min
Response: 18990
Conc: 0.12 ug/ml