

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092024AL\
 Data File : FE050239.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2024 11:15
 Operator : YP\AJ
 Sample : P4103-10DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 21 03:45:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 09 17:11:47 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)	11.916	141700	0.952 ug/ml
Spiked Amount 50.000		Recovery =	1.90%
12) S 1-chlorooctadecane (S...	13.303	1476262	13.143 ug/ml
Spiked Amount 50.000		Recovery =	26.29%
Target Compounds			
2) T n-Decane (C10)	4.577f	45914	0.333 ug/ml
3) T A~Naphthalene (C11.7)	6.228	473311	3.382 ug/ml
4) T n-Dodecane (C12)	6.692	156489	1.132 ug/ml
5) T A~2-methylnaphthalene...	7.329	129712	0.987 ug/ml
6) T n-Tetradecane (C14)	8.502	83674	0.614 ug/ml
7) T n-Hexadecane (C16)	10.110	243409	1.752 ug/ml
8) T n-Octadecane (C18)	11.547	304009	2.170 ug/ml
10) T n-Eicosane (C20)	12.858	197293	1.471 ug/ml
11) T n-Heneicosane (C21)	13.471	76478	0.582 ug/ml
13) T n-Docosane (C22)	14.052	61727	0.474 ug/ml
17) T n-Tricontane (C30)	18.009	68768	0.514 ug/ml
18) T n-Dotriacontane (C32)	18.840	81990	0.615 ug/ml
19) T n-Tetratriacontane (C34)	19.624	91709	0.742 ug/ml
20) T n-Hexatriacontane (C36)	20.363	46781	0.422 ug/ml

(f)=RT Delta > 1/2 Window

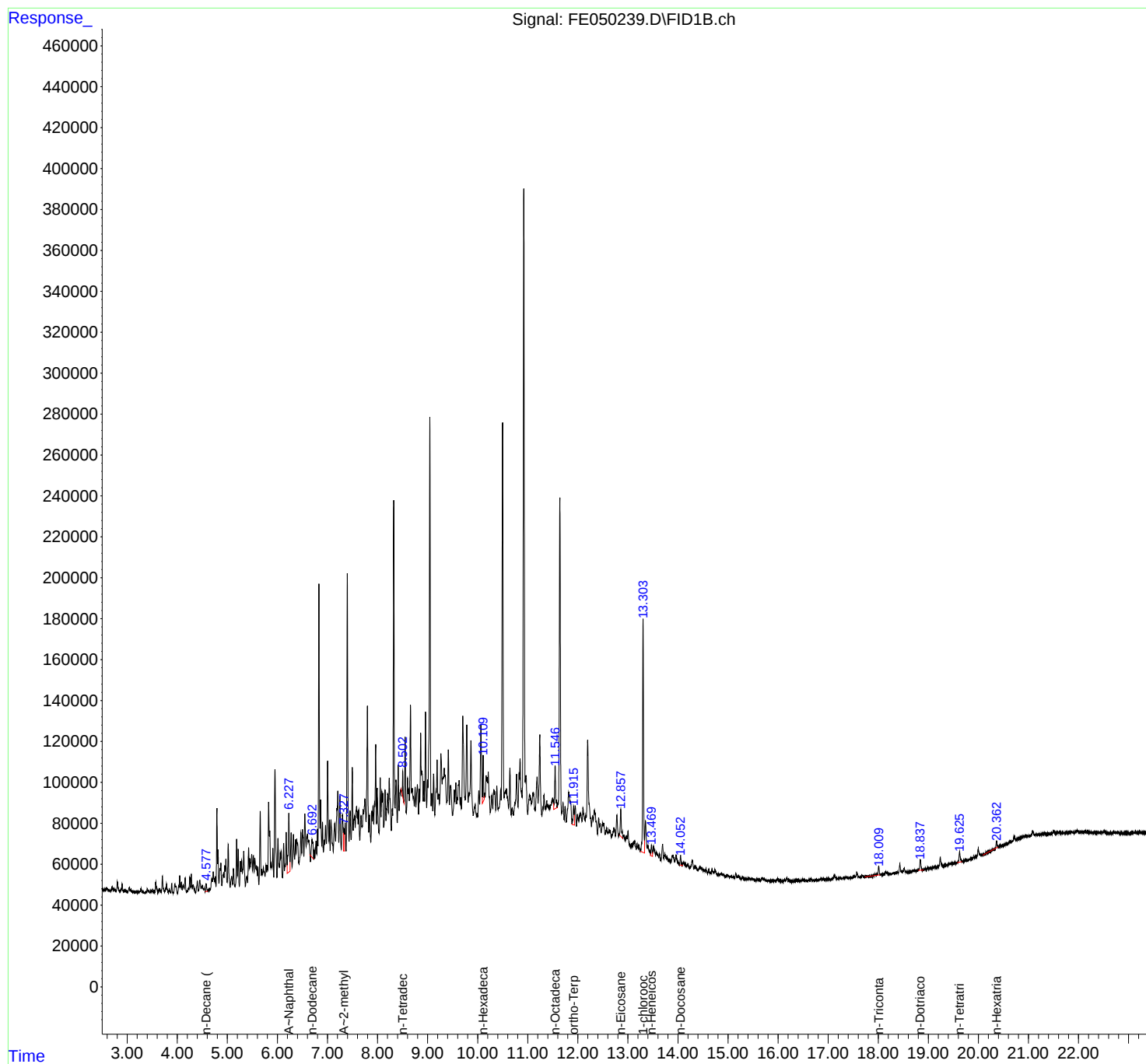
(m)=manual int.

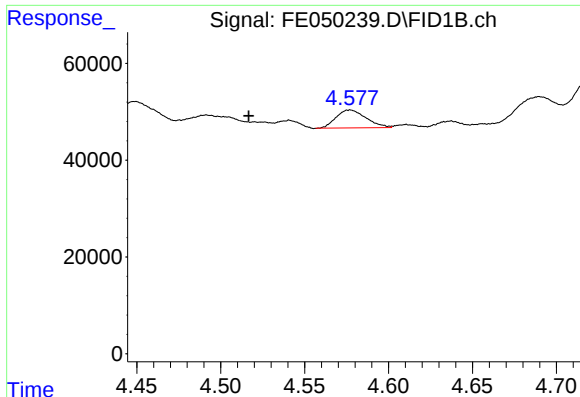
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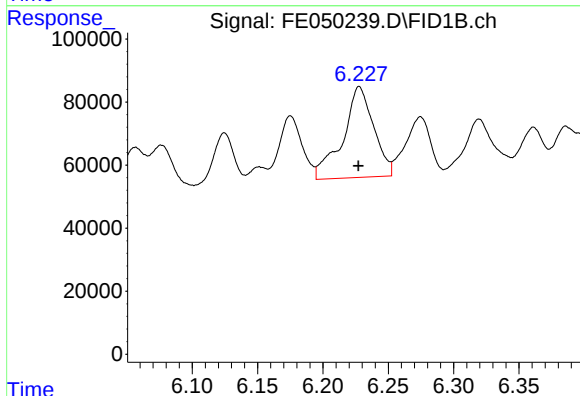




#2 n-Decane (C10)

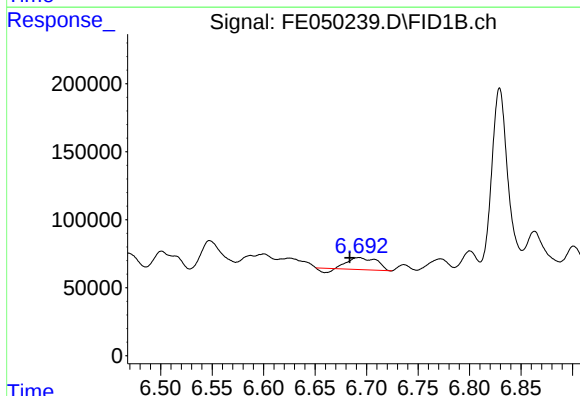
R.T.: 4.577 min
Delta R.T.: 0.061 min
Response: 45914
Conc: 0.33 ug/ml

Instrument :
FID_E
ClientSampleId :



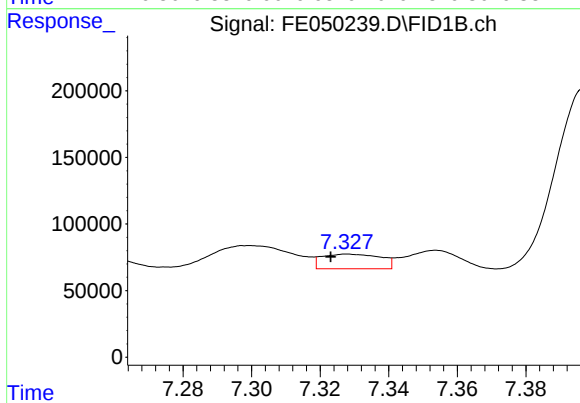
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 473311
Conc: 3.38 ug/ml



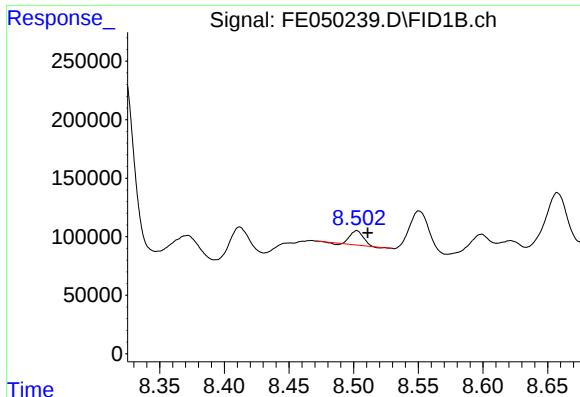
#4 n-Dodecane (C12)

R.T.: 6.692 min
Delta R.T.: 0.009 min
Response: 156489
Conc: 1.13 ug/ml



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

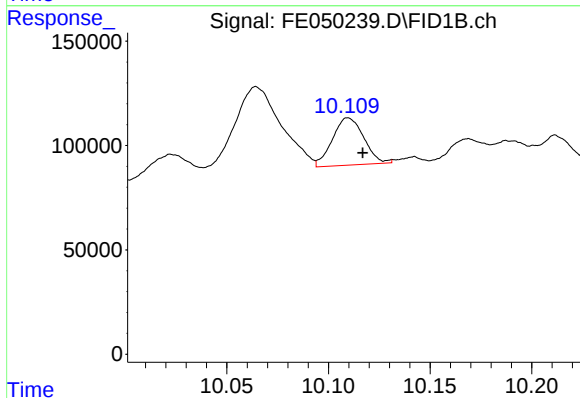
R.T.: 7.329 min
Delta R.T.: 0.005 min
Response: 129712
Conc: 0.99 ug/ml



#6 n-Tetradecane (C14)

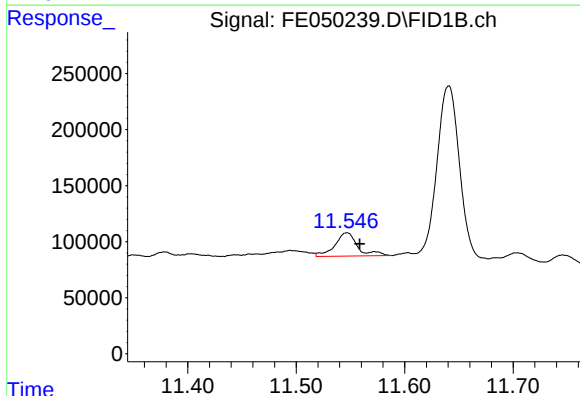
R.T.: 8.502 min
Delta R.T.: -0.009 min
Response: 83674
Conc: 0.61 ug/ml

Instrument :
FID_E
ClientSampleId :



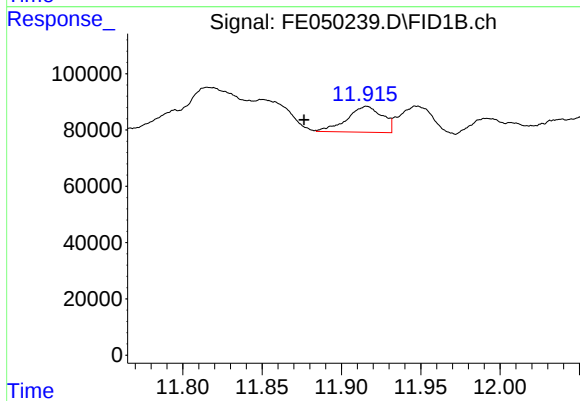
#7 n-Hexadecane (C16)

R.T.: 10.110 min
Delta R.T.: -0.007 min
Response: 243409
Conc: 1.75 ug/ml



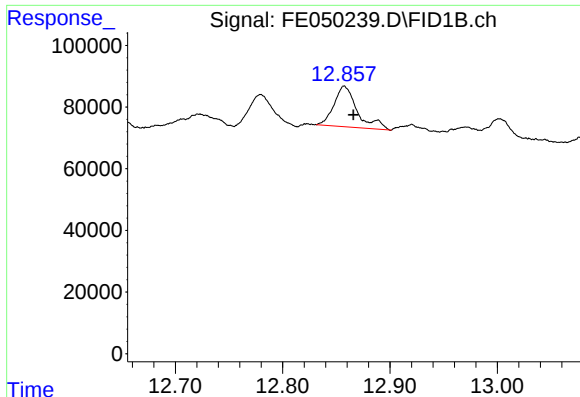
#8 n-Octadecane (C18)

R.T.: 11.547 min
Delta R.T.: -0.012 min
Response: 304009
Conc: 2.17 ug/ml



#9 ortho-Terphenyl (SURR)

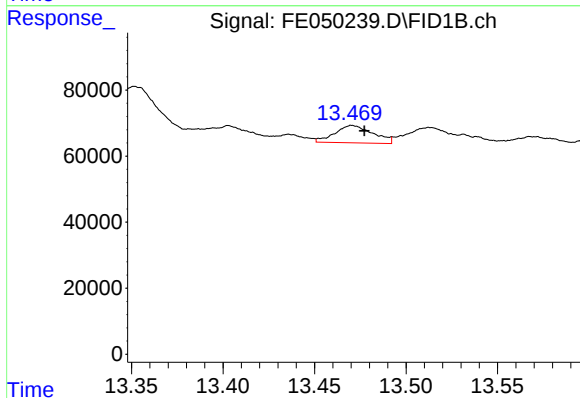
R.T.: 11.916 min
Delta R.T.: 0.039 min
Response: 141700
Conc: 0.95 ug/ml



#10 n-Eicosane (C20)

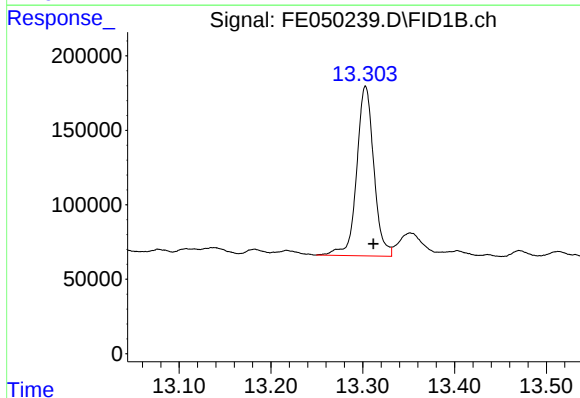
R.T.: 12.858 min
Delta R.T.: -0.008 min
Response: 197293
Conc: 1.47 ug/ml

Instrument :
FID_E
ClientSampleId :



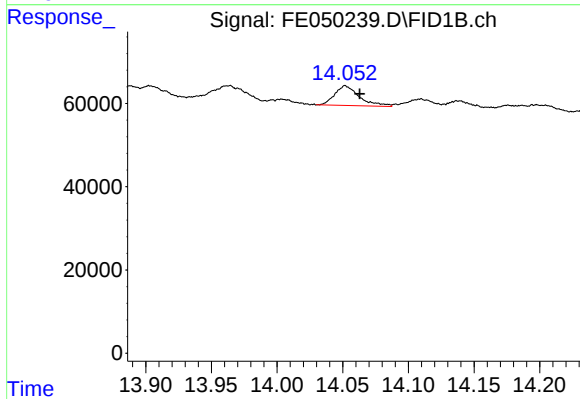
#11 n-Heneicosane (C21)

R.T.: 13.471 min
Delta R.T.: -0.006 min
Response: 76478
Conc: 0.58 ug/ml



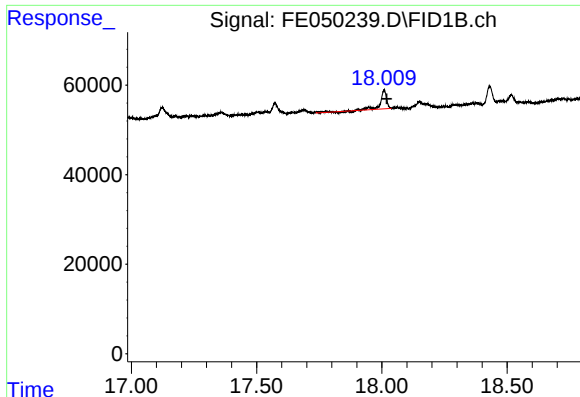
#12 1-chlorooctadecane (SURR)

R.T.: 13.303 min
Delta R.T.: -0.008 min
Response: 1476262
Conc: 13.14 ug/ml



#13 n-Docosane (C22)

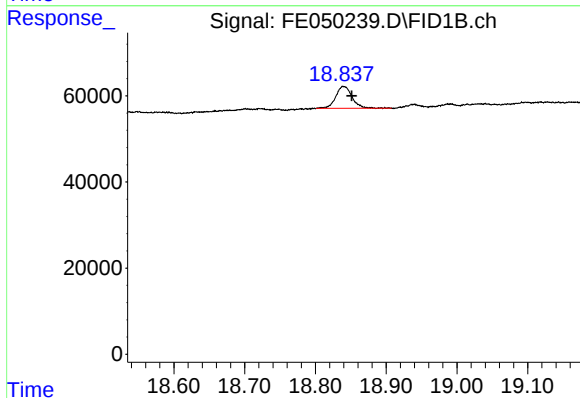
R.T.: 14.052 min
Delta R.T.: -0.011 min
Response: 61727
Conc: 0.47 ug/ml



#17 n-Tricontane (C30)

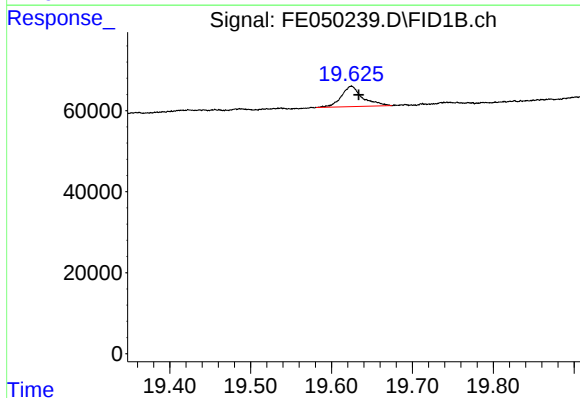
R.T.: 18.009 min
Delta R.T.: -0.011 min
Response: 68768
Conc: 0.51 ug/ml

Instrument :
FID_E
ClientSampleId :



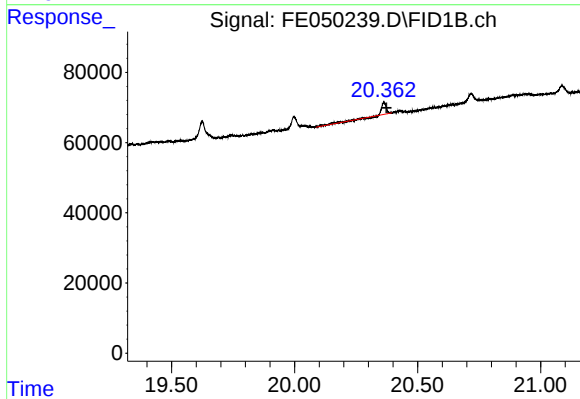
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.011 min
Response: 81990
Conc: 0.62 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.624 min
Delta R.T.: -0.009 min
Response: 91709
Conc: 0.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.363 min
Delta R.T.: -0.011 min
Response: 46781
Conc: 0.42 ug/ml