

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF020125AL\
 Data File : FF015409.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2025 10:07
 Operator : YP\AJ
 Sample : Q1220-02DL 2X
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 31 23:19:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 15:33:37 2025
 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)	11.931	2316478	14.570 ug/ml
Spiked Amount 50.000		Recovery =	29.14%
12) S 1-chlorooctadecane (S...	13.369	2351114	18.859 ug/ml
Spiked Amount 50.000		Recovery =	37.72%
Target Compounds			
4) T n-Dodecane (C12)	6.733	661125	4.903 ug/ml
5) T A~2-methylnaphthalene...	7.371	420898	2.991 ug/ml
6) T n-Tetradecane (C14)	8.560	1120076	8.290 ug/ml
7) T n-Hexadecane (C16)	10.168	1075742	7.592 ug/ml
8) T n-Octadecane (C18)	11.611	936596	6.395 ug/ml
10) T n-Eicosane (C20)	12.923	819964	5.687 ug/ml
11) T n-Heneicosane (C21)	13.536	370531	2.596 ug/ml
13) T n-Docosane (C22)	14.123	70853	0.494 ug/ml
14) T n-Tetracosane (C24)	15.202	311315	2.146 ug/ml
19) T n-Tetratriacontane (C34)	19.713	9857	0.091 ug/ml

(f)=RT Delta > 1/2 Window

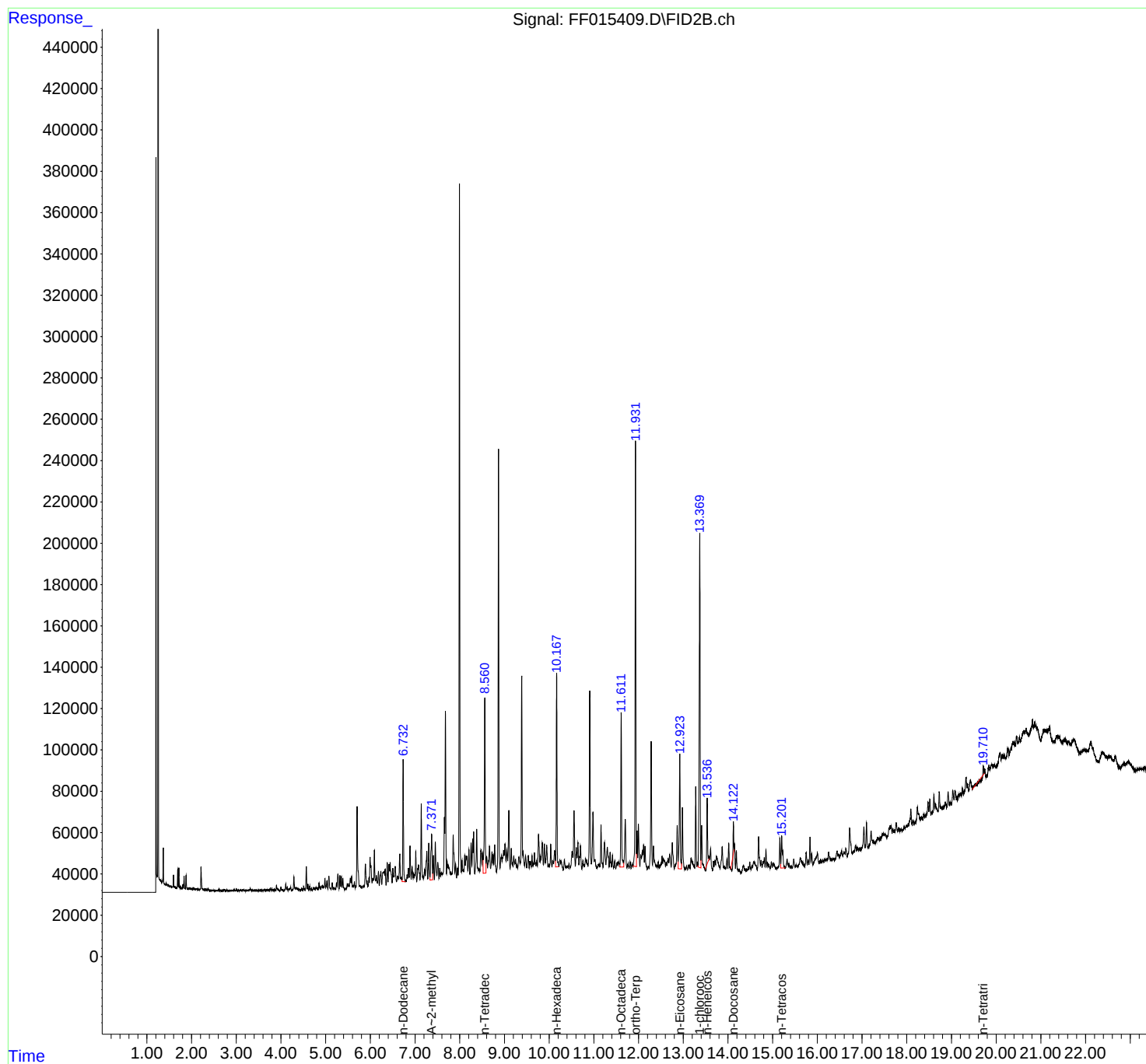
(m)=manual int.

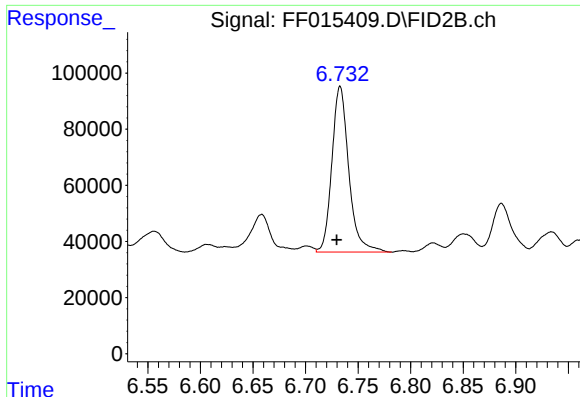
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Signal Info : 20M x 0.18mm x 0.18um

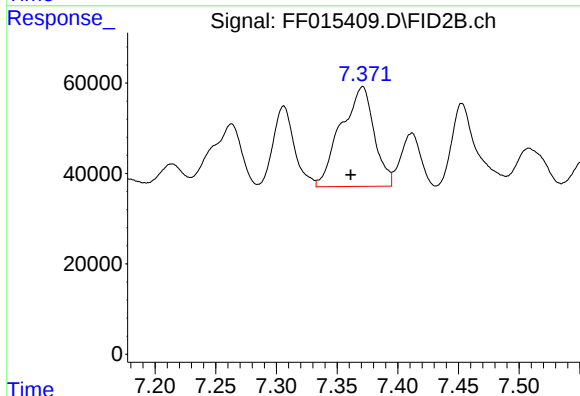




#4 n-Dodecane (C12)

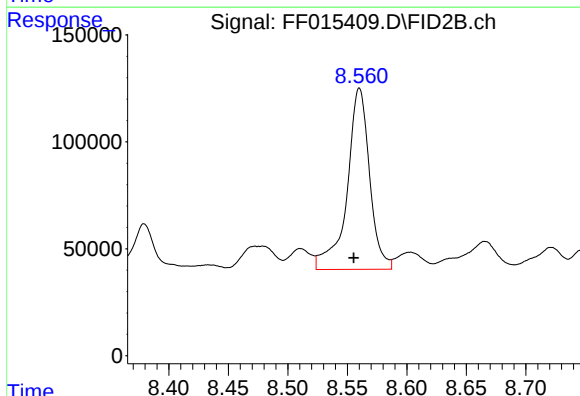
R.T.: 6.733 min
Delta R.T.: 0.003 min
Response: 661125
Conc: 4.90 ug/ml

Instrument :
FID_F
ClientSampleId :



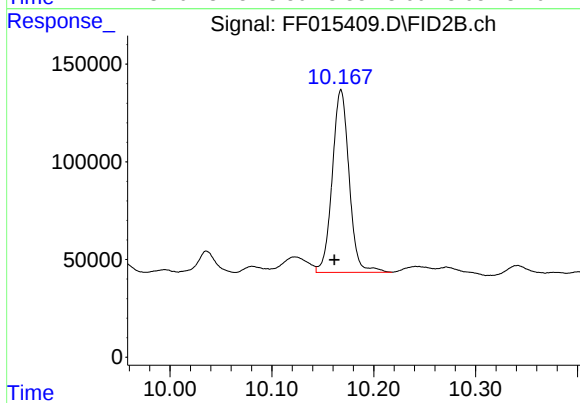
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.371 min
Delta R.T.: 0.009 min
Response: 420898
Conc: 2.99 ug/ml



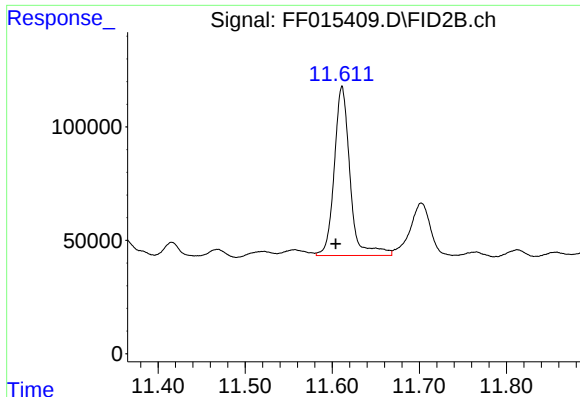
#6 n-Tetradecane (C14)

R.T.: 8.560 min
Delta R.T.: 0.005 min
Response: 1120076
Conc: 8.29 ug/ml



#7 n-Hexadecane (C16)

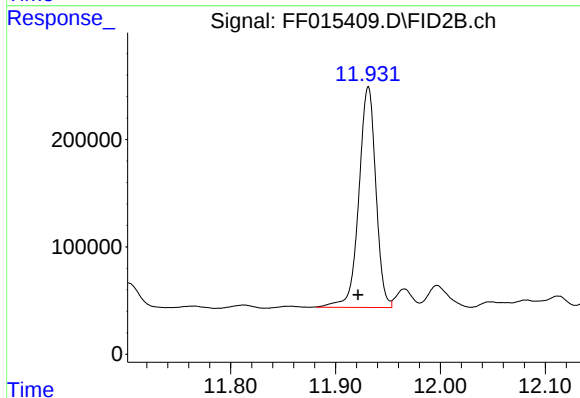
R.T.: 10.168 min
Delta R.T.: 0.006 min
Response: 1075742
Conc: 7.59 ug/ml



#8 n-Octadecane (C18)

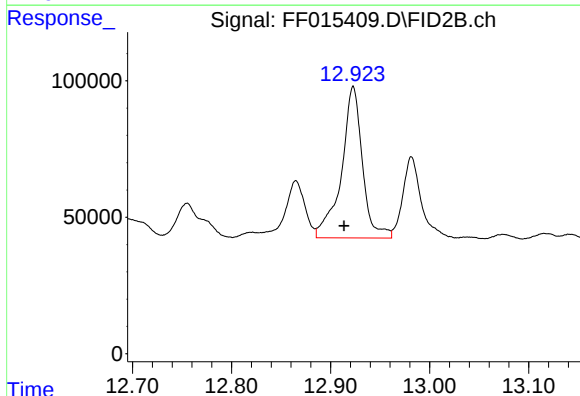
R.T.: 11.611 min
Delta R.T.: 0.007 min
Response: 936596
Conc: 6.40 ug/ml

Instrument :
FID_F
ClientSampleId :



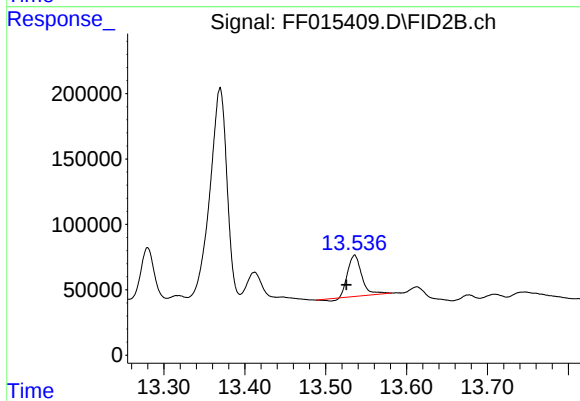
#9 ortho-Terphenyl (SURR)

R.T.: 11.931 min
Delta R.T.: 0.010 min
Response: 2316478
Conc: 14.57 ug/ml



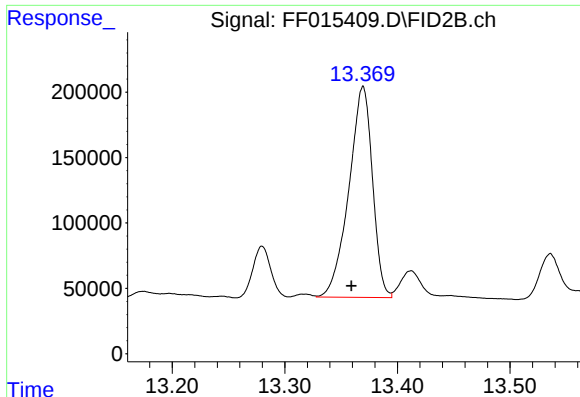
#10 n-Eicosane (C20)

R.T.: 12.923 min
Delta R.T.: 0.009 min
Response: 819964
Conc: 5.69 ug/ml



#11 n-Heneicosane (C21)

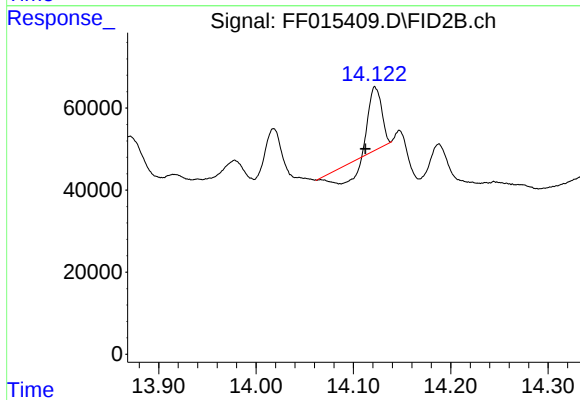
R.T.: 13.536 min
Delta R.T.: 0.010 min
Response: 370531
Conc: 2.60 ug/ml



#12 1-chlorooctadecane (SURR)

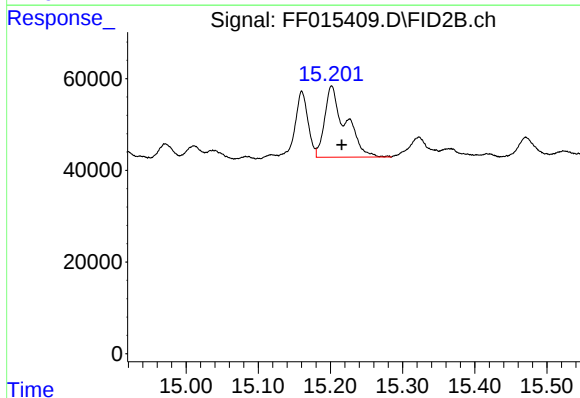
R.T.: 13.369 min
Delta R.T.: 0.010 min
Response: 2351114
Conc: 18.86 ug/ml

Instrument :
FID_F
ClientSampleId :



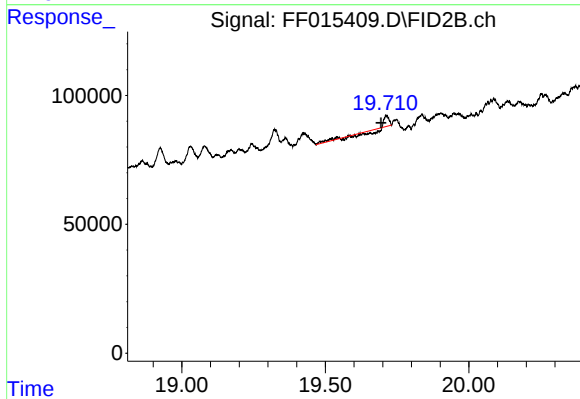
#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: 0.010 min
Response: 70853
Conc: 0.49 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.014 min
Response: 311315
Conc: 2.15 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: 0.019 min
Response: 9857
Conc: 0.09 ug/ml