

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052125AL\
 Data File : FC068955.D
 Signal(s) : FID1A.ch
 Acq On : 21 May 2025 09:30
 Operator : YP/AJ
 Sample : Q2068-03DL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 21 11:28:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 050625.M
 Quant Title : GC Extractables
 QLast Update : Wed May 07 08:52:03 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)	11.719	11045443	96.772 ug/ml
Spiked Amount 50.000		Recovery =	193.54%
12) S 1-chlorooctadecane (S...	13.140	3191568	39.782 ug/ml
Spiked Amount 50.000		Recovery =	79.56%
Target Compounds			
5) T A~2-methylnaphthalene...	7.205	65783	0.613 ug/ml
6) T n-Tetradecane (C14)	8.340	475145	5.141 ug/ml
7) T n-Hexadecane (C16)	9.957	1315027	14.686 ug/ml
8) T n-Octadecane (C18)	11.376	818829	9.335 ug/ml
10) T n-Eicosane (C20)	12.690	3901917	45.787 ug/ml
11) T n-Heneicosane (C21)	13.330	3726751	44.185 ug/ml
13) T n-Docosane (C22)	13.909	3123734	37.339 ug/ml
14) T n-Tetracosane (C24)	15.011	413809	4.973 ug/ml
15) T n-Hexacosane (C26)	16.026	129224	1.560 ug/ml

(f)=RT Delta > 1/2 Window

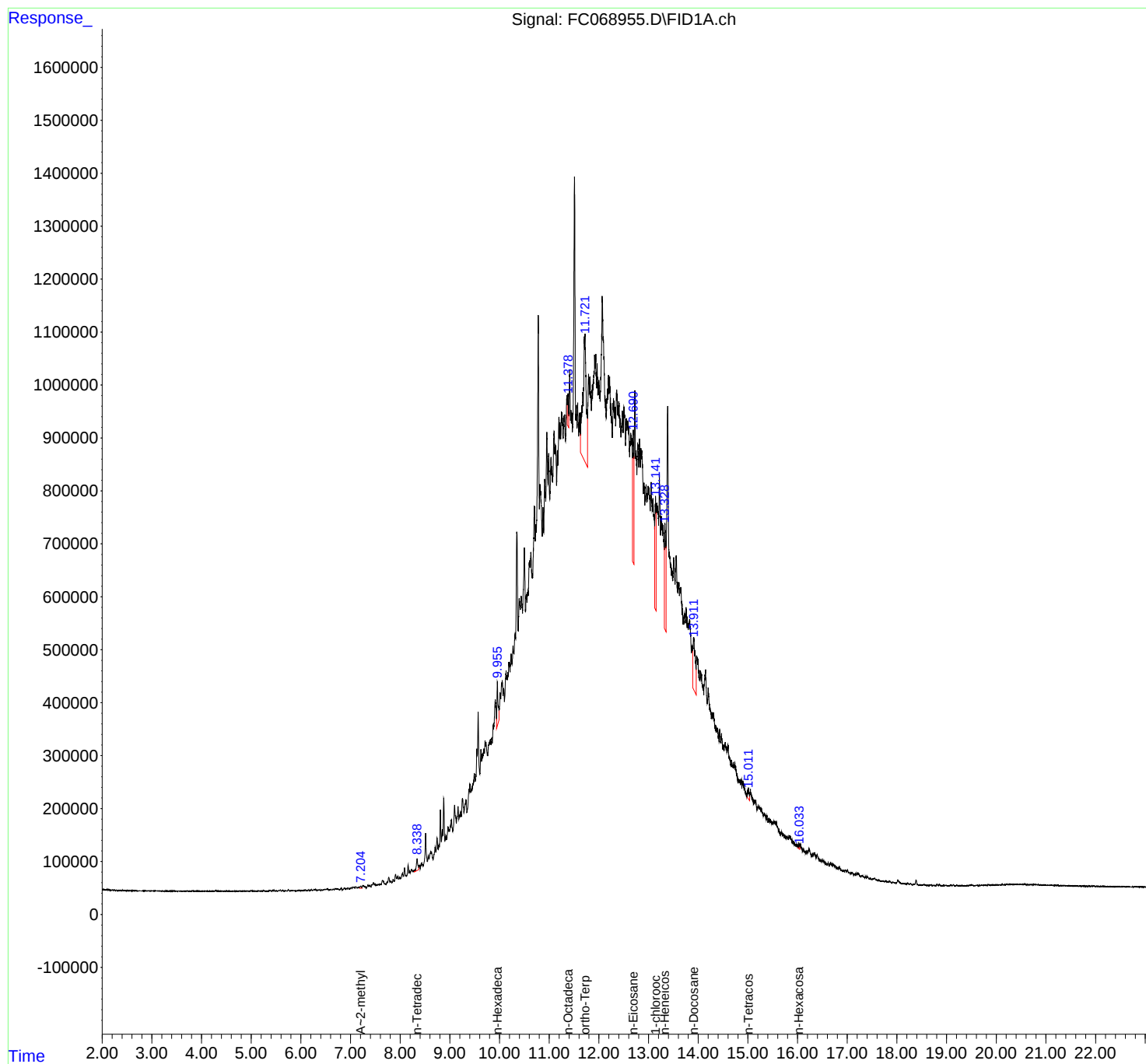
(m)=manual int.

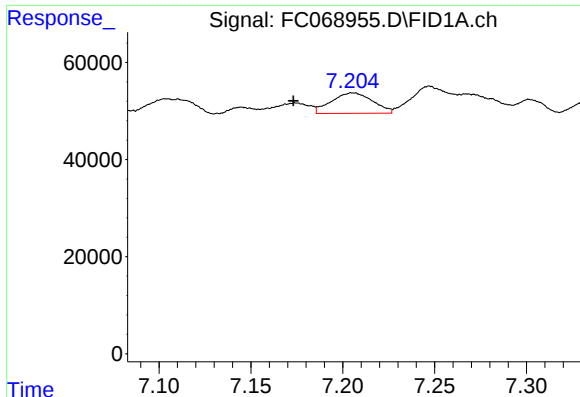
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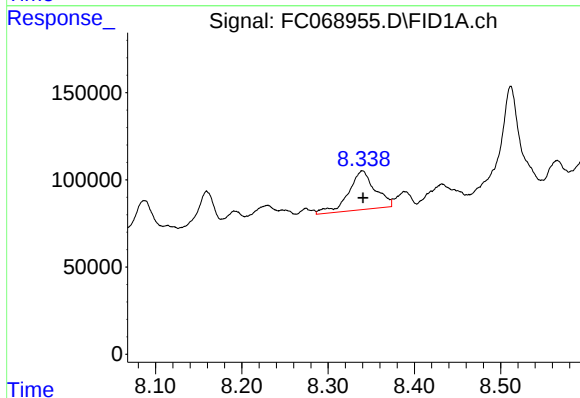




#5 A~2-methylnaphthalene (C12.89)

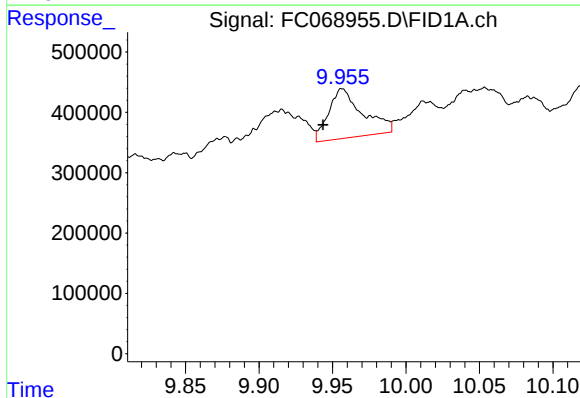
R.T.: 7.205 min
Delta R.T.: 0.032 min
Response: 65783
Conc: 0.61 ug/ml

Instrument :
FID_C
ClientSampleId :



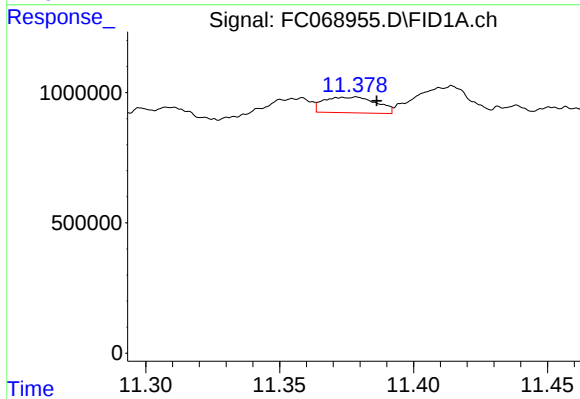
#6 n-Tetradecane (C14)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 475145
Conc: 5.14 ug/ml



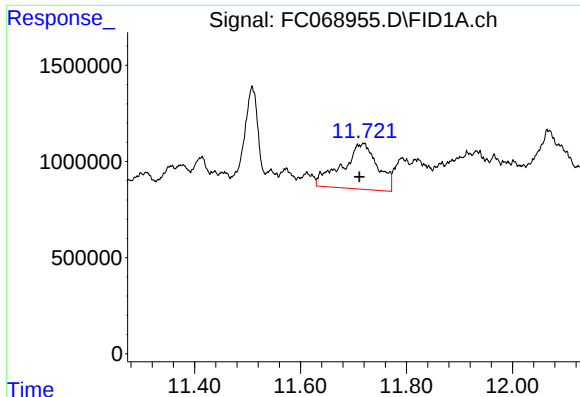
#7 n-Hexadecane (C16)

R.T.: 9.957 min
Delta R.T.: 0.013 min
Response: 1315027
Conc: 14.69 ug/ml



#8 n-Octadecane (C18)

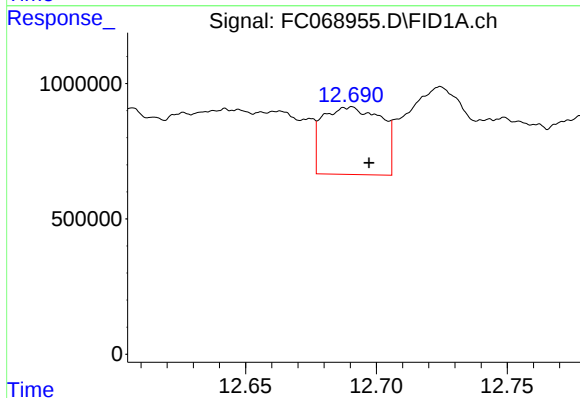
R.T.: 11.376 min
Delta R.T.: -0.010 min
Response: 818829
Conc: 9.33 ug/ml



#9 ortho-Terphenyl (SURR)

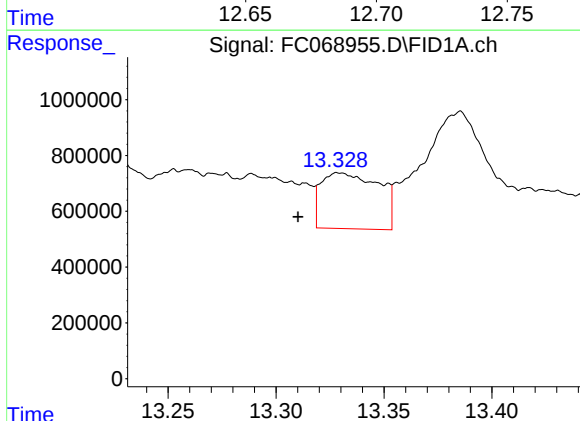
R.T.: 11.719 min
Delta R.T.: 0.008 min
Response: 11045443
Conc: 96.77 ug/ml

Instrument :
FID_C
ClientSampleId :



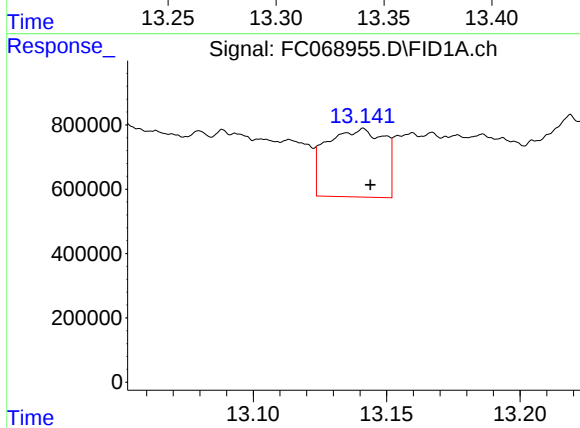
#10 n-Eicosane (C20)

R.T.: 12.690 min
Delta R.T.: -0.008 min
Response: 3901917
Conc: 45.79 ug/ml



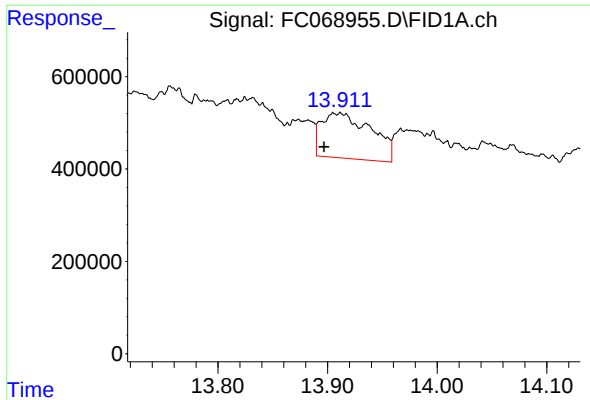
#11 n-Heneicosane (C21)

R.T.: 13.330 min
Delta R.T.: 0.019 min
Response: 3726751
Conc: 44.18 ug/ml



#12 1-chlorooctadecane (SURR)

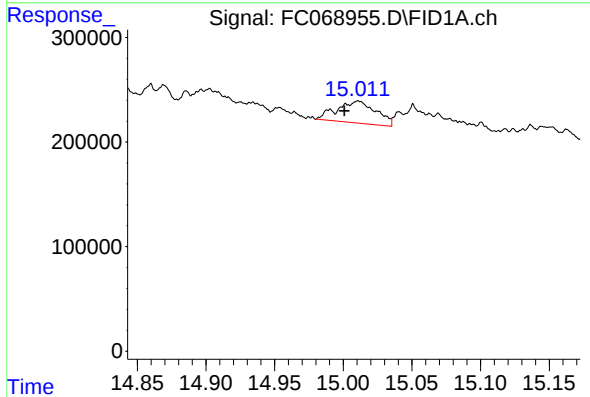
R.T.: 13.140 min
Delta R.T.: -0.004 min
Response: 3191568
Conc: 39.78 ug/ml



#13 n-Docosane (C22)

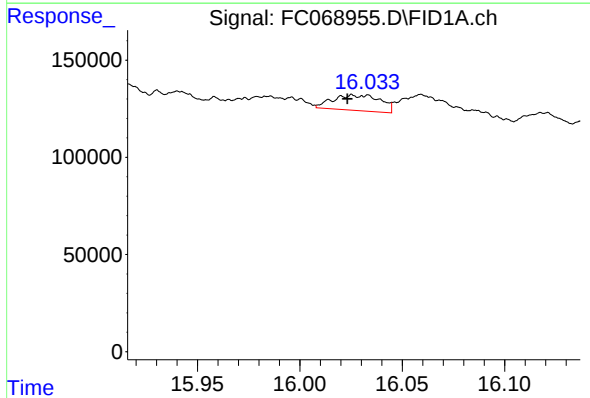
R.T.: 13.909 min
Delta R.T.: 0.012 min
Response: 3123734
Conc: 37.34 ug/ml

Instrument :
FID_C
ClientSampleId :



#14 n-Tetracosane (C24)

R.T.: 15.011 min
Delta R.T.: 0.010 min
Response: 413809
Conc: 4.97 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.003 min
Response: 129224
Conc: 1.56 ug/ml