

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062325AL\
 Data File : FC069252.D
 Signal(s) : FID1A.ch
 Acq On : 23 Jun 2025 20:26
 Operator : YP/AJ
 Sample : Q2388-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-12

Integration File: autoint1.e
 Quant Time: Jun 24 01:27:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.686	7464783	43.209 ug/ml
Spiked Amount 50.000		Recovery =	86.42%
12) S 1-chlorooctadecane (S...	13.121	5843602	44.730 ug/ml
Spiked Amount 50.000		Recovery =	89.46%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.073	208799	1.298 ug/ml
4) T n-Dodecane (C12)	6.491	114819	0.758 ug/ml
5) T A~2-methylnaphthalene...	7.144	721138	4.557 ug/ml
6) T n-Tetradecane (C14)	8.297	574758	3.708 ug/ml
7) T n-Hexadecane (C16)	9.926	1326135	8.115 ug/ml
8) T n-Octadecane (C18)	11.390	305832	1.873 ug/ml
10) T n-Eicosane (C20)	12.656	373257	2.445 ug/ml
11) T n-Heneicosane (C21)	13.321	361424	2.452 ug/ml
13) T n-Docosane (C22)	13.896	56210	0.391 ug/ml
15) T n-Hexacosane (C26)	15.996	50065	0.383 ug/ml
16) T n-Octacosane (C28)	16.948	59786	0.485 ug/ml
17) T n-Tricontane (C30)	17.837	48810	0.411 ug/ml
18) T n-Dotriacontane (C32)	18.669	75438	0.690 ug/ml

(f)=RT Delta > 1/2 Window

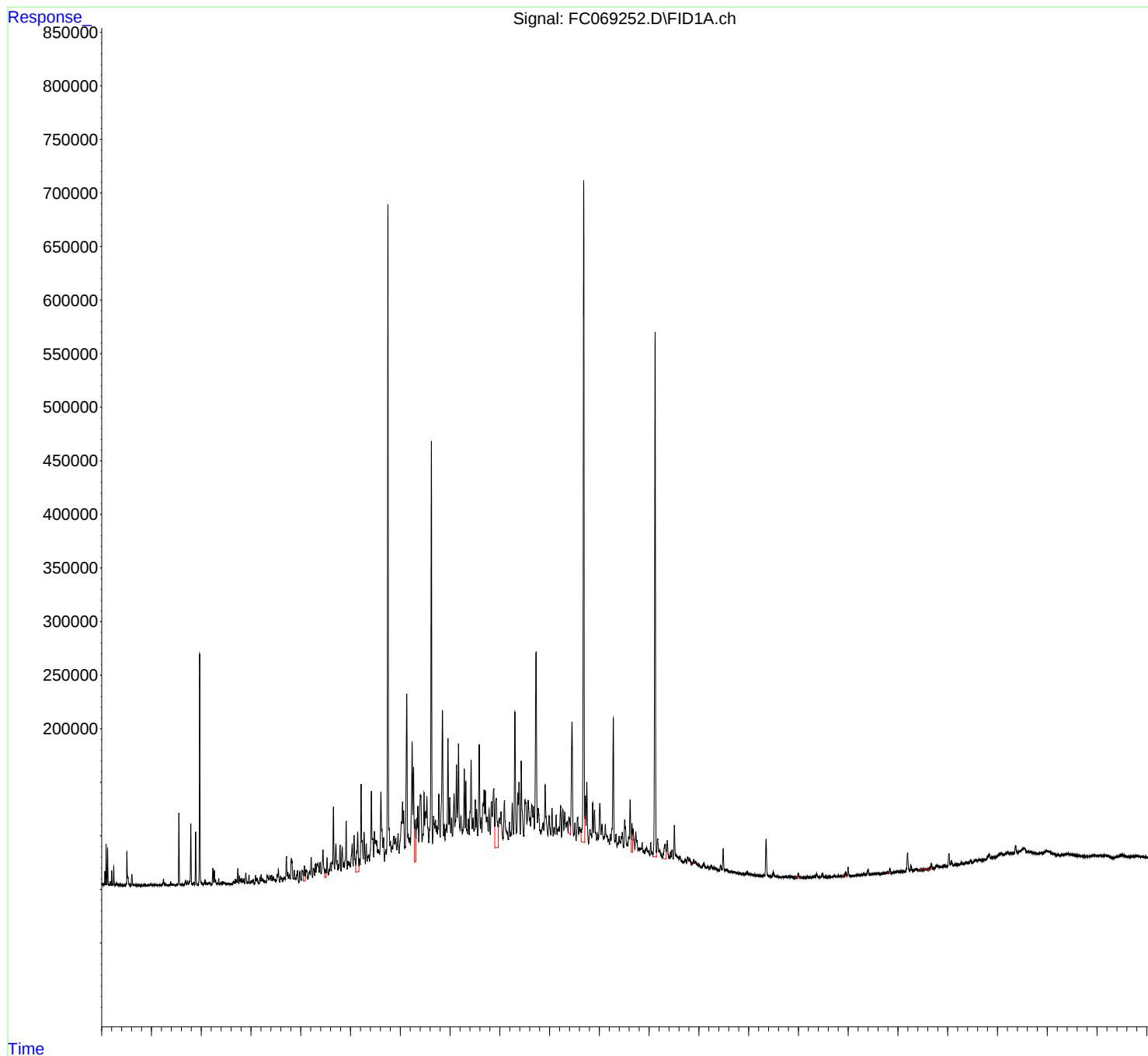
(m)=manual int.

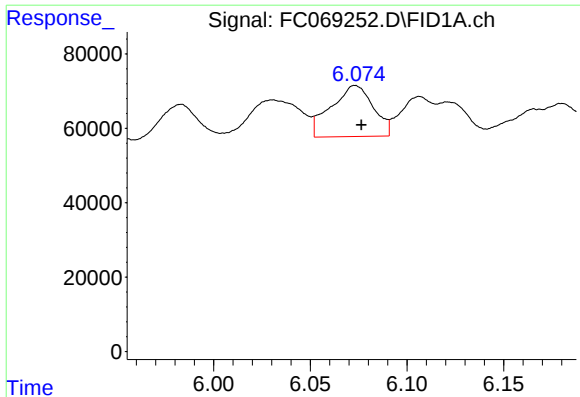
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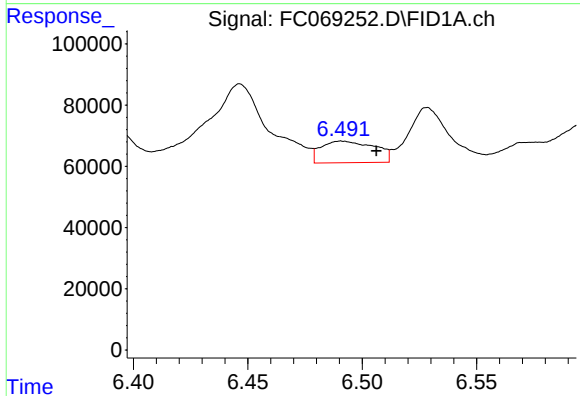




#3 A~Naphthalene (C11.7)

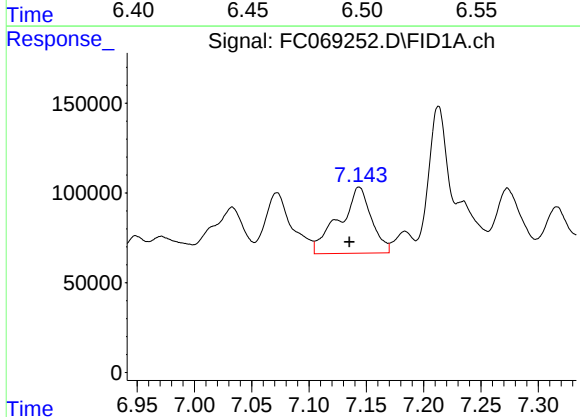
R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 208799
Conc: 1.30 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-12



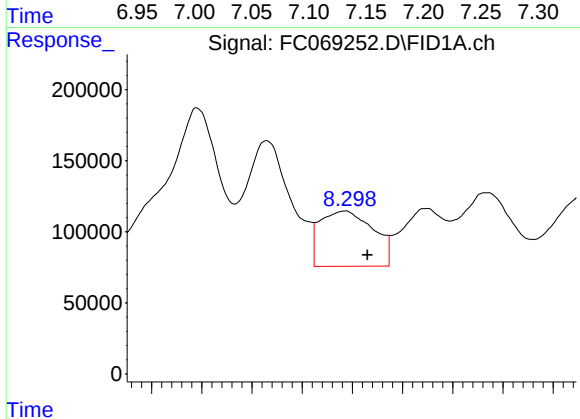
#4 n-Dodecane (C12)

R.T.: 6.491 min
Delta R.T.: -0.015 min
Response: 114819
Conc: 0.76 ug/ml



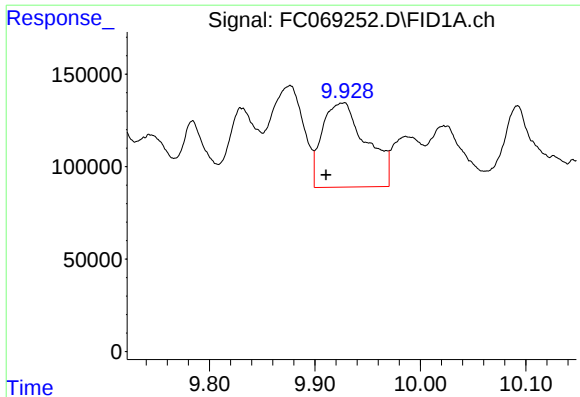
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.144 min
Delta R.T.: 0.009 min
Response: 721138
Conc: 4.56 ug/ml



#6 n-Tetradecane (C14)

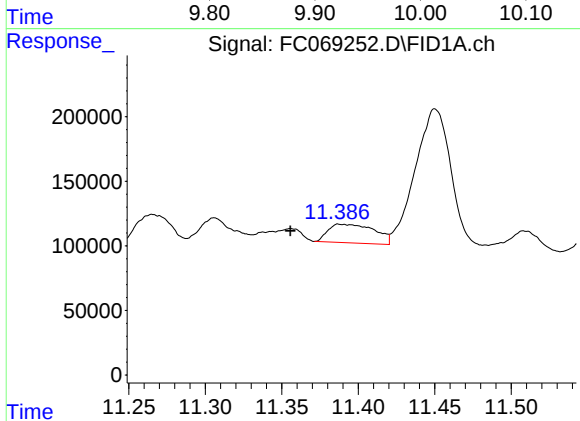
R.T.: 8.297 min
Delta R.T.: -0.009 min
Response: 574758
Conc: 3.71 ug/ml



#7 n-Hexadecane (C16)

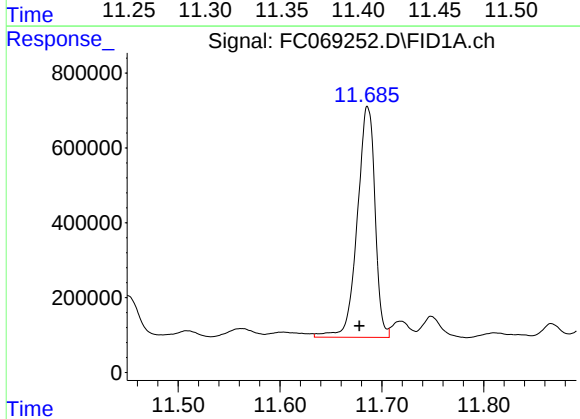
R.T.: 9.926 min
Delta R.T.: 0.015 min
Response: 1326135
Conc: 8.12 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-12



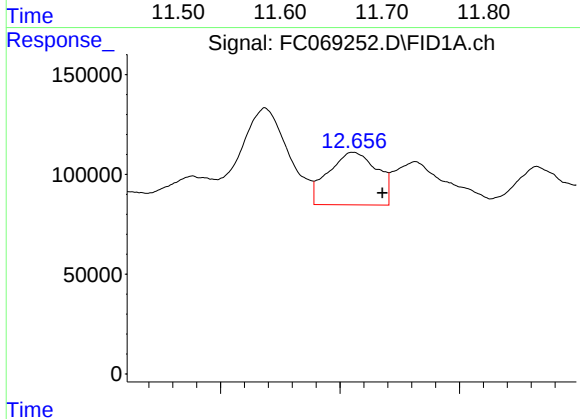
#8 n-Octadecane (C18)

R.T.: 11.390 min
Delta R.T.: 0.034 min
Response: 305832
Conc: 1.87 ug/ml



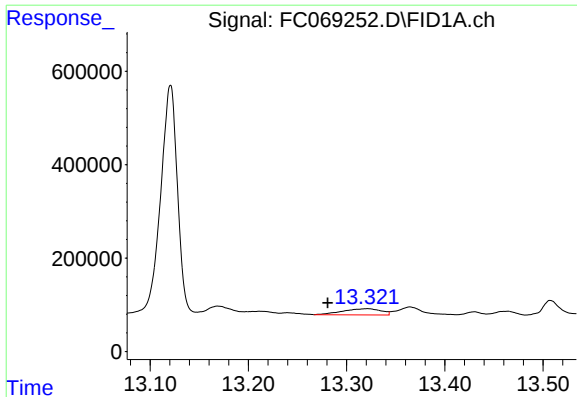
#9 ortho-Terphenyl (SURR)

R.T.: 11.686 min
Delta R.T.: 0.008 min
Response: 7464783
Conc: 43.21 ug/ml



#10 n-Eicosane (C20)

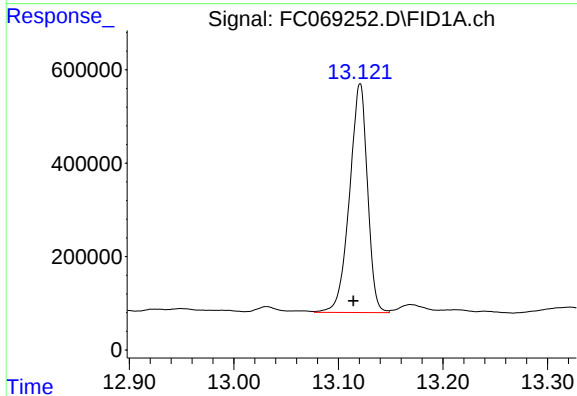
R.T.: 12.656 min
Delta R.T.: -0.012 min
Response: 373257
Conc: 2.45 ug/ml



#11 n-Heneicosane (C21)

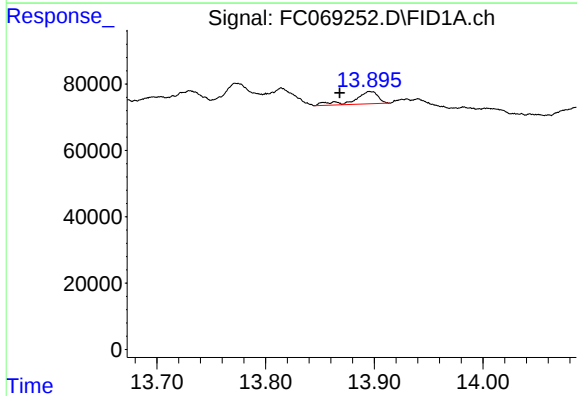
R.T.: 13.321 min
Delta R.T.: 0.040 min
Response: 361424
Conc: 2.45 ug/ml

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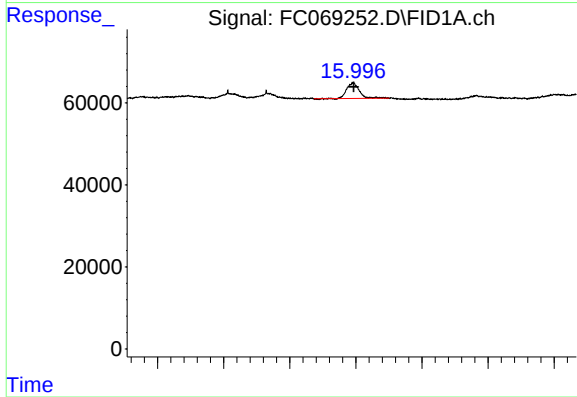
#12 1-chlorooctadecane (SURR)

R.T.: 13.121 min
Delta R.T.: 0.006 min
Response: 5843602
Conc: 44.73 ug/ml



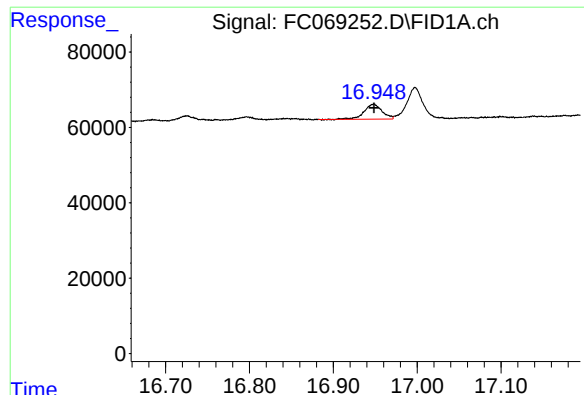
#13 n-Docosane (C22)

R.T.: 13.896 min
Delta R.T.: 0.028 min
Response: 56210
Conc: 0.39 ug/ml



#15 n-Hexacosane (C26)

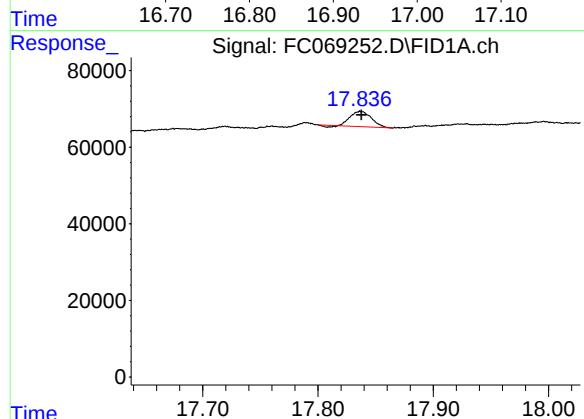
R.T.: 15.996 min
Delta R.T.: 0.000 min
Response: 50065
Conc: 0.38 ug/ml



#16 n-Octacosane (C28)

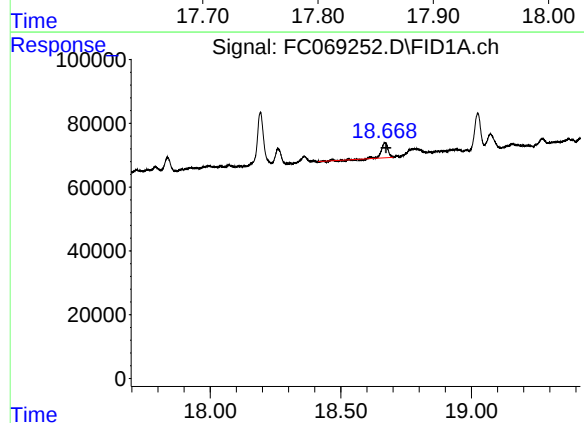
R.T.: 16.948 min
Delta R.T.: 0.000 min
Response: 59786
Conc: 0.48 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-12



#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: 0.000 min
Response: 48810
Conc: 0.41 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.669 min
Delta R.T.: -0.004 min
Response: 75438
Conc: 0.69 ug/ml