

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062625AL\
 Data File : FC069307.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2025 03:32
 Operator : YP/AJ
 Sample : Q2420-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 72-11933

Integration File: autoint1.e
 Quant Time: Jun 27 04:56:11 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)	11.682	4662298	26.987 ug/ml
Spiked Amount 50.000		Recovery =	53.97%
12) S 1-chlorooctadecane (S...	13.119	9607876	73.544 ug/ml
Spiked Amount 50.000		Recovery =	147.09%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.075	49368	0.307 ug/ml
5) T A~2-methylnaphthalene...	7.134	36165	0.229 ug/ml
6) T n-Tetradecane (C14)	8.345	63303	0.408 ug/ml
7) T n-Hexadecane (C16)	9.925	1469355	8.992 ug/ml
8) T n-Octadecane (C18)	11.348	5698	0.035 ug/ml
10) T n-Eicosane (C20)	12.670	815498	5.343 ug/ml
11) T n-Heneicosane (C21)	13.302	1361807	9.239 ug/ml
13) T n-Docosane (C22)	13.903	2259217	15.702 ug/ml
14) T n-Tetracosane (C24)	14.969	6076137	44.052 ug/ml
15) T n-Hexacosane (C26)	16.014	310006	2.371 ug/ml
16) T n-Octacosane (C28)	16.960	1118875	9.072 ug/ml
17) T n-Tricontane (C30)	17.835	129583	1.090 ug/ml
18) T n-Dotriacontane (C32)	18.660	205442	1.879 ug/ml
19) T n-Tetratriacontane (C34)	19.521f	166338	1.723 ug/ml

(f)=RT Delta > 1/2 Window

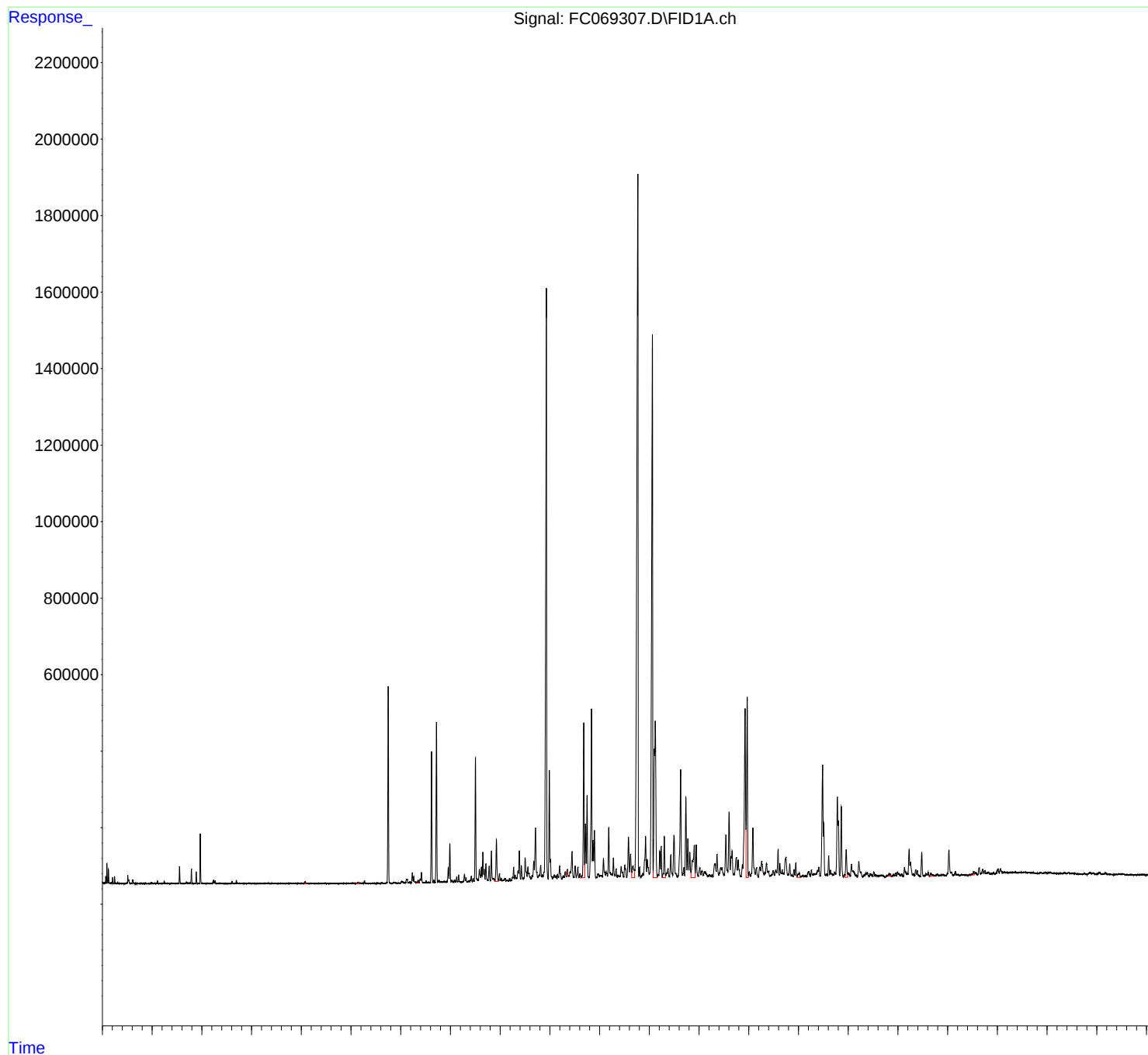
(m)=manual int.

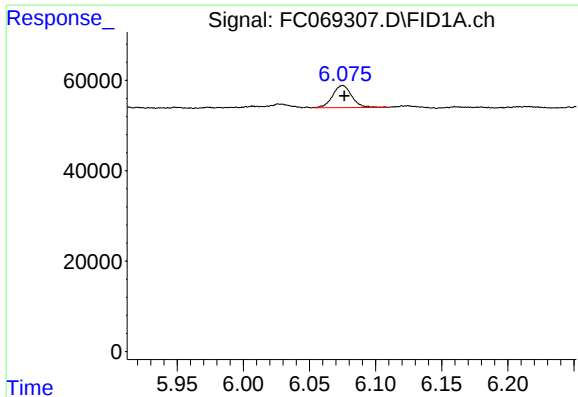
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Signal Info : 20M x 0.18mm x 0.18um

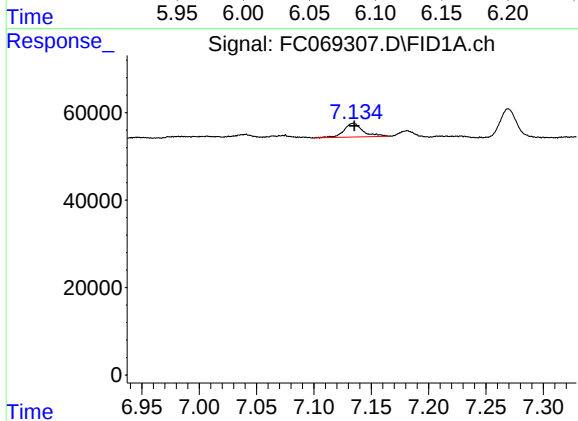




#3 A~Naphthalene (C11.7)

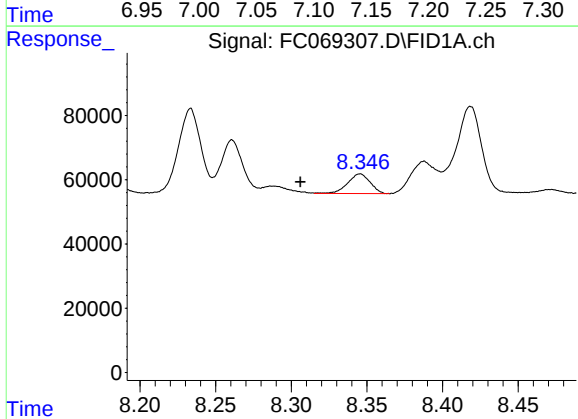
R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 49368
Conc: 0.31 ug/ml

Instrument :
FID_C
ClientSampleId :
72-11933



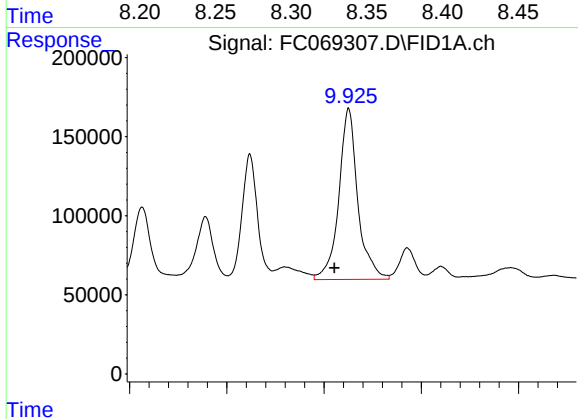
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.134 min
Delta R.T.: -0.001 min
Response: 36165
Conc: 0.23 ug/ml



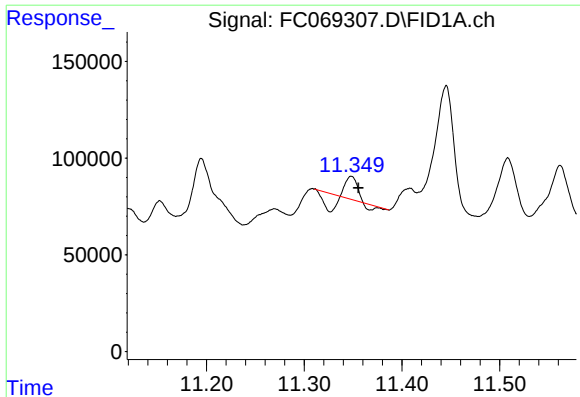
#6 n-Tetradecane (C14)

R.T.: 8.345 min
Delta R.T.: 0.039 min
Response: 63303
Conc: 0.41 ug/ml



#7 n-Hexadecane (C16)

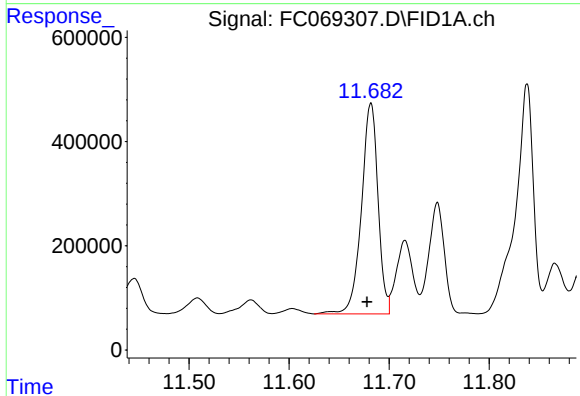
R.T.: 9.925 min
Delta R.T.: 0.015 min
Response: 1469355
Conc: 8.99 ug/ml



#8 n-Octadecane (C18)

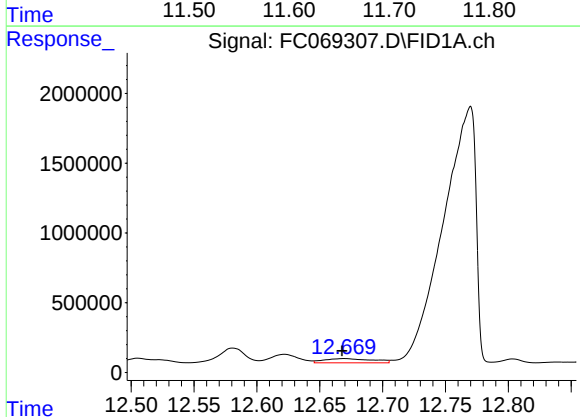
R.T.: 11.348 min
Delta R.T.: -0.007 min
Response: 5698
Conc: 0.03 ug/ml

Instrument :
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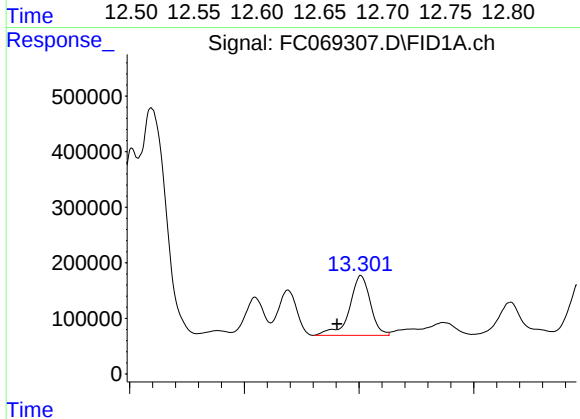
#9 ortho-Terphenyl (SURR)

R.T.: 11.682 min
Delta R.T.: 0.004 min
Response: 4662298
Conc: 26.99 ug/ml



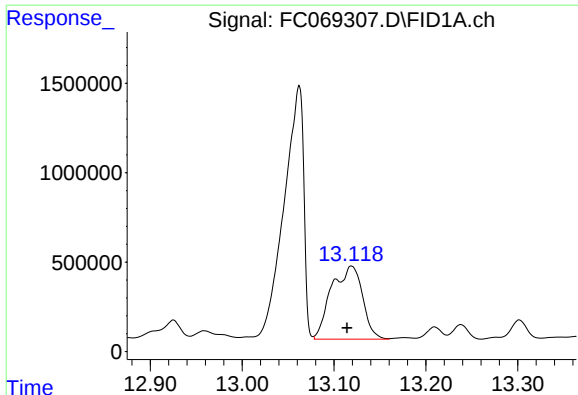
#10 n-Eicosane (C20)

R.T.: 12.670 min
Delta R.T.: 0.002 min
Response: 815498
Conc: 5.34 ug/ml



#11 n-Heneicosane (C21)

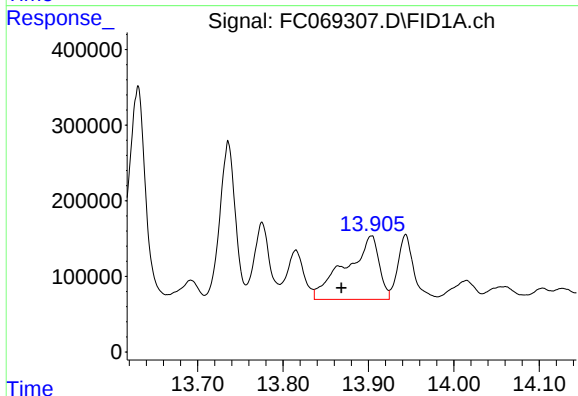
R.T.: 13.302 min
Delta R.T.: 0.021 min
Response: 1361807
Conc: 9.24 ug/ml



#12 1-chlorooctadecane (SURR)

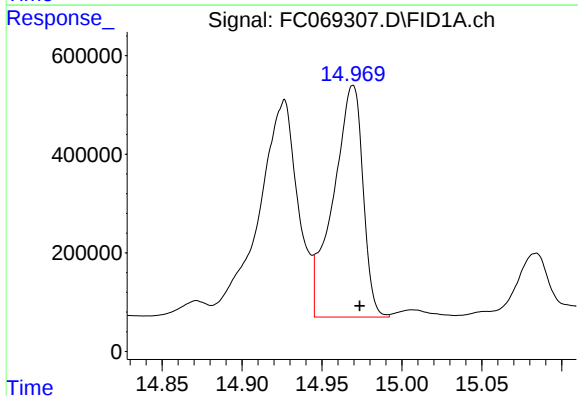
R.T.: 13.119 min
Delta R.T.: 0.005 min
Response: 9607876
Conc: 73.54 ug/ml

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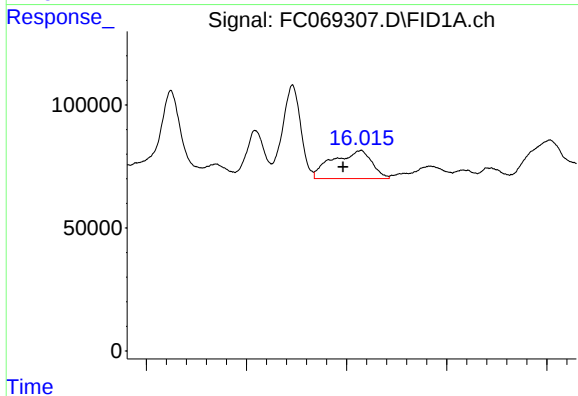
#13 n-Docosane (C22)

R.T.: 13.903 min
Delta R.T.: 0.035 min
Response: 2259217
Conc: 15.70 ug/ml



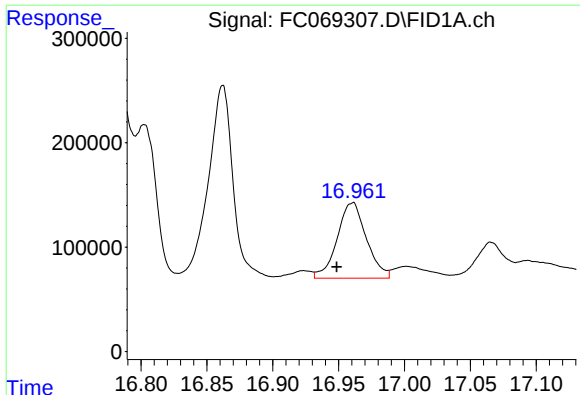
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: -0.005 min
Response: 6076137
Conc: 44.05 ug/ml



#15 n-Hexacosane (C26)

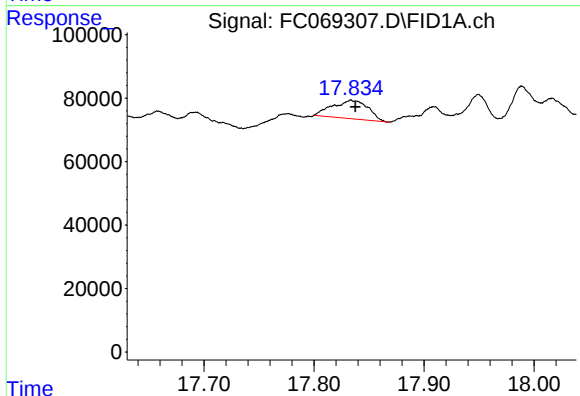
R.T.: 16.014 min
Delta R.T.: 0.017 min
Response: 310006
Conc: 2.37 ug/ml



#16 n-Octacosane (C28)

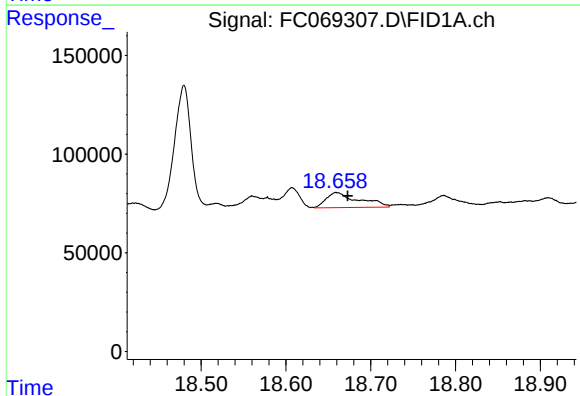
R.T.: 16.960 min
Delta R.T.: 0.012 min
Response: 1118875
Conc: 9.07 ug/ml

Instrument :
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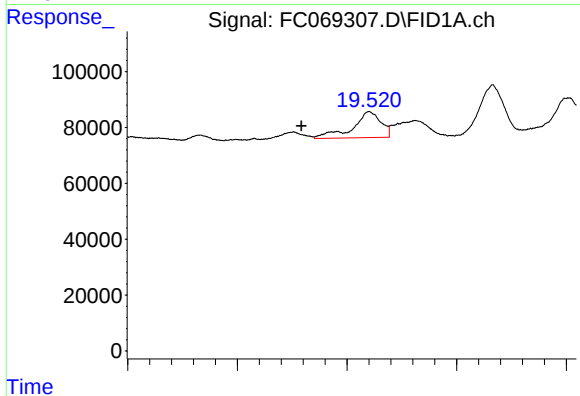
#17 n-Tricontane (C30)

R.T.: 17.835 min
Delta R.T.: -0.003 min
Response: 129583
Conc: 1.09 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: -0.013 min
Response: 205442
Conc: 1.88 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.521 min
Delta R.T.: 0.062 min
Response: 166338
Conc: 1.72 ug/ml