

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052725AL\
 Data File : FC069016.D
 Signal(s) : FID1A.ch
 Acq On : 27 May 2025 20:31
 Operator : YP/AJ
 Sample : Q2127-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 28 10:05:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.709	5086239	41.236 ug/ml
Spiked Amount 50.000		Recovery =	82.47%
12) S 1-chlorooctadecane (S...	13.141	4151913	46.279 ug/ml
Spiked Amount 50.000		Recovery =	92.56%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.111	751240	6.497 ug/ml
5) T A~2-methylnaphthalene...	7.168	607502	5.359 ug/ml
6) T n-Tetradecane (C14)	8.294	212675	2.075 ug/ml
7) T n-Hexadecane (C16)	9.954	149511	1.473 ug/ml
10) T n-Eicosane (C20)	12.703	217149	2.230 ug/ml
11) T n-Heneicosane (C21)	13.341	321079	3.336 ug/ml
13) T n-Docosane (C22)	13.879	142722	1.498 ug/ml
14) T n-Tetracosane (C24)	14.976	828356	8.798 ug/ml
15) T n-Hexacosane (C26)	16.020	130221	1.403 ug/ml
16) T n-Octacosane (C28)	16.973	190690	2.051 ug/ml
17) T n-Tricontane (C30)	17.856	146368	1.513 ug/ml
18) T n-Dotriacontane (C32)	18.686	75390	0.761 ug/ml
19) T n-Tetratriacontane (C34)	19.468	70709	0.734 ug/ml

(f)=RT Delta > 1/2 Window

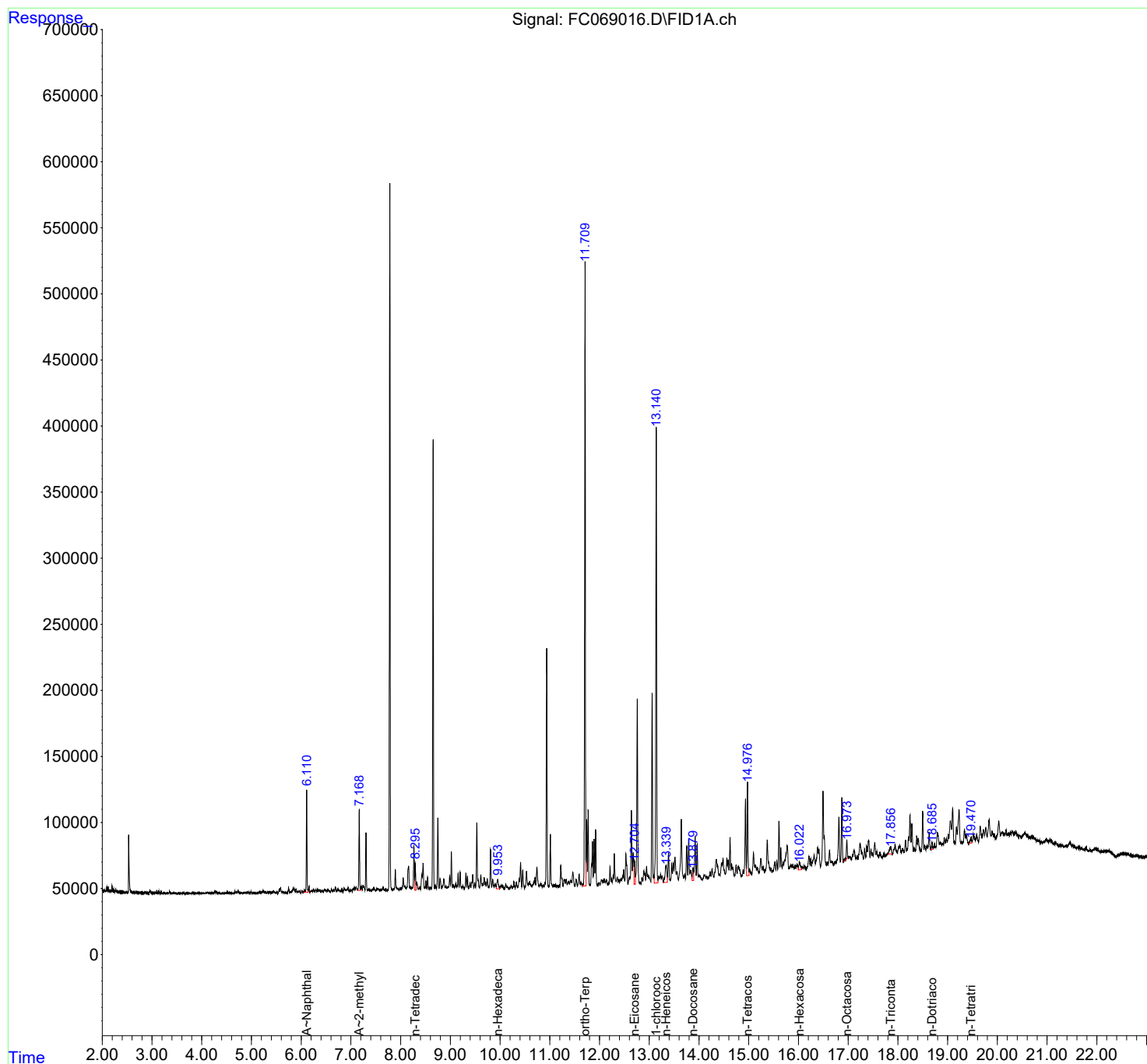
(m)=manual int.

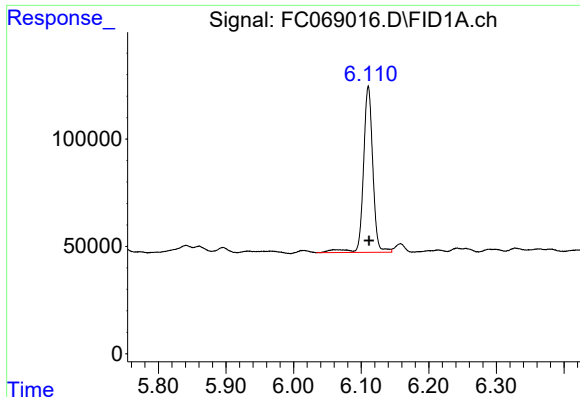
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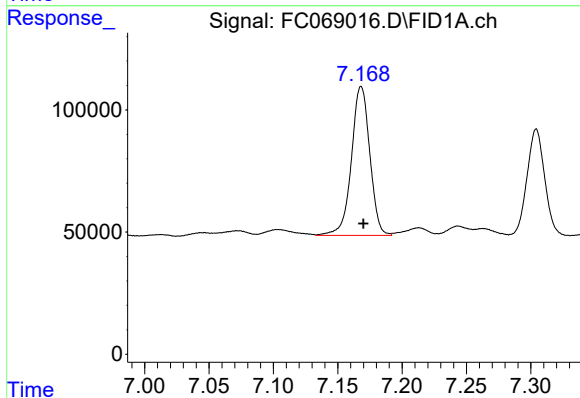




#3 A~Naphthalene (C11.7)

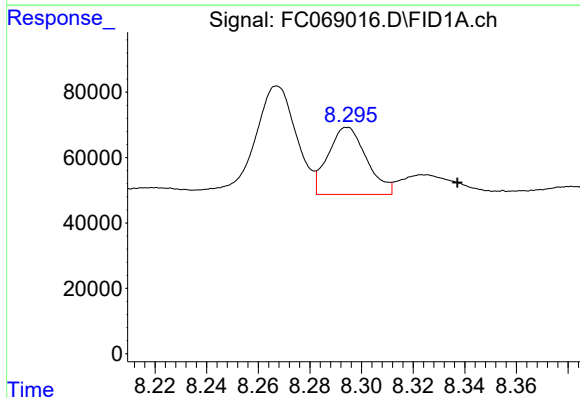
R.T.: 6.111 min
Delta R.T.: -0.001 min
Response: 751240
Conc: 6.50 ug/ml

Instrument :
FID_C
ClientSampleId :



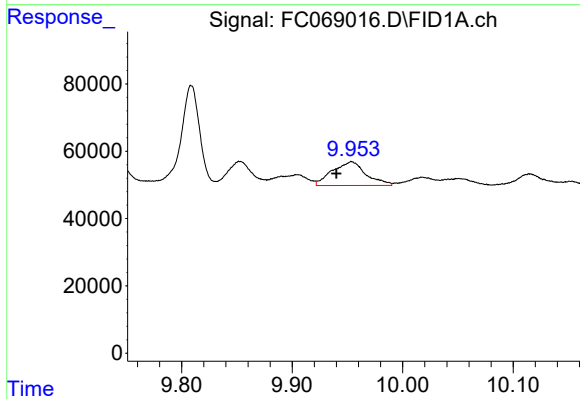
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.168 min
Delta R.T.: -0.002 min
Response: 607502
Conc: 5.36 ug/ml



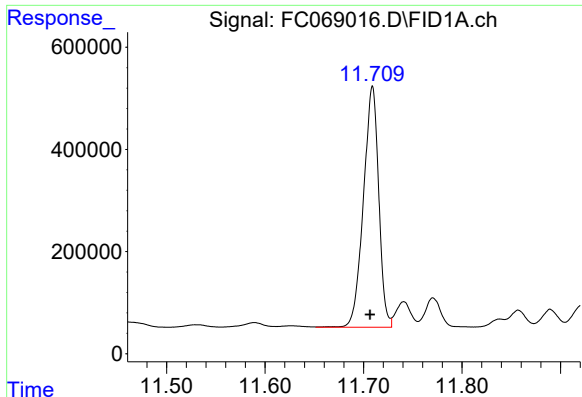
#6 n-Tetradecane (C14)

R.T.: 8.294 min
Delta R.T.: -0.043 min
Response: 212675
Conc: 2.07 ug/ml



#7 n-Hexadecane (C16)

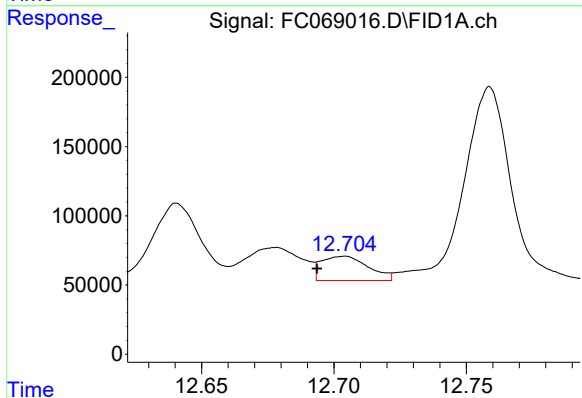
R.T.: 9.954 min
Delta R.T.: 0.014 min
Response: 149511
Conc: 1.47 ug/ml



#9 ortho-Terphenyl (SURR)

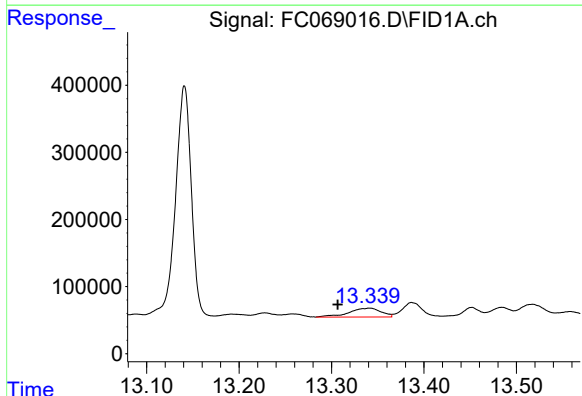
R.T.: 11.709 min
Delta R.T.: 0.002 min
Response: 5086239
Conc: 41.24 ug/ml

Instrument :
FID_C
ClientSampleId :



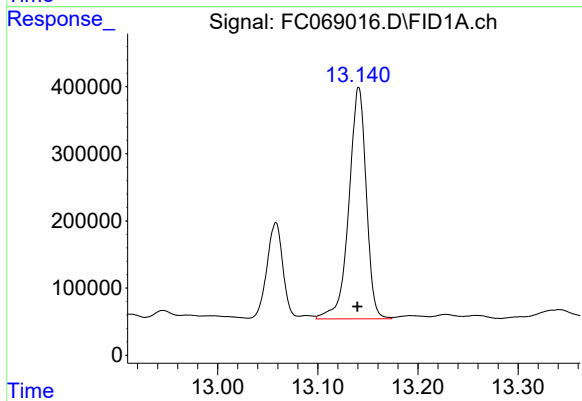
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: 0.010 min
Response: 217149
Conc: 2.23 ug/ml



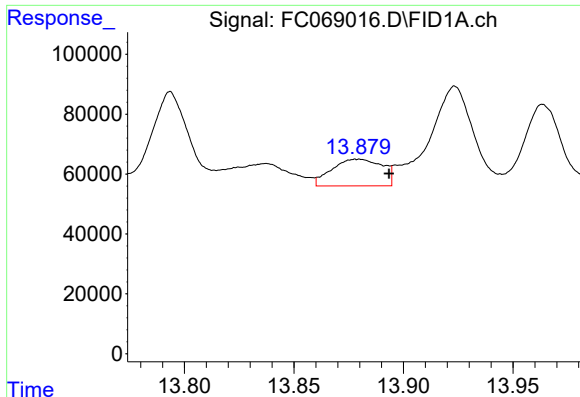
#11 n-Heneicosane (C21)

R.T.: 13.341 min
Delta R.T.: 0.034 min
Response: 321079
Conc: 3.34 ug/ml



#12 1-chlorooctadecane (SURR)

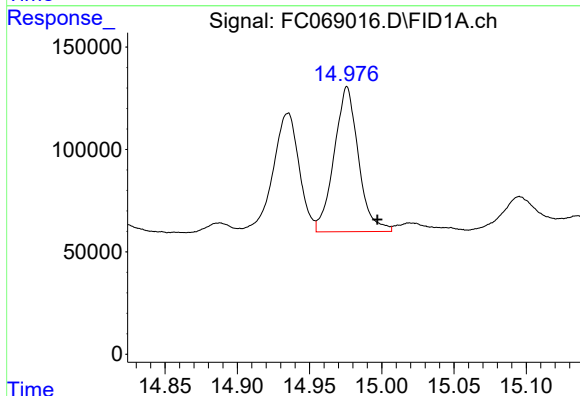
R.T.: 13.141 min
Delta R.T.: 0.002 min
Response: 4151913
Conc: 46.28 ug/ml



#13 n-Docosane (C22)

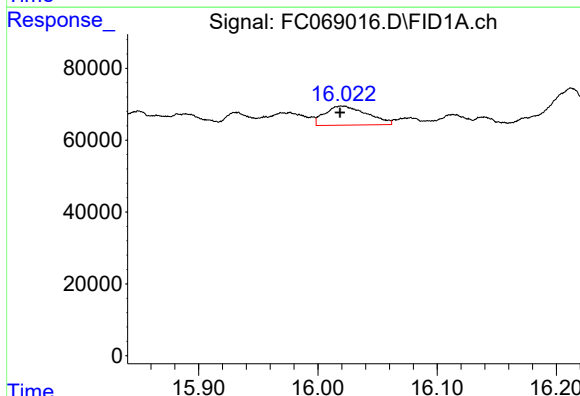
R.T.: 13.879 min
Delta R.T.: -0.014 min
Response: 142722
Conc: 1.50 ug/ml

Instrument :
FID_C
ClientSampleId :



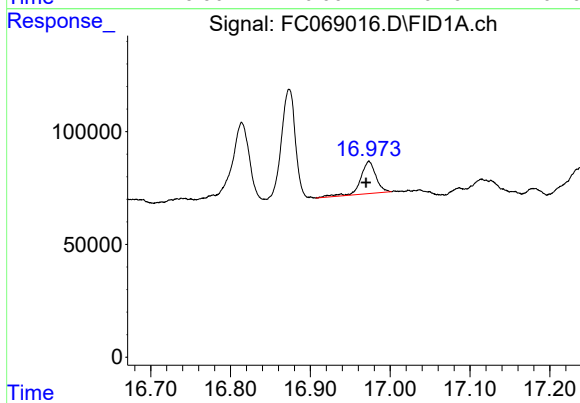
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: -0.021 min
Response: 828356
Conc: 8.80 ug/ml



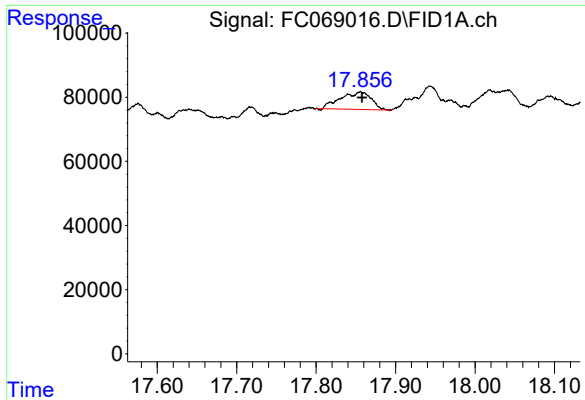
#15 n-Hexacosane (C26)

R.T.: 16.020 min
Delta R.T.: 0.001 min
Response: 130221
Conc: 1.40 ug/ml



#16 n-Octacosane (C28)

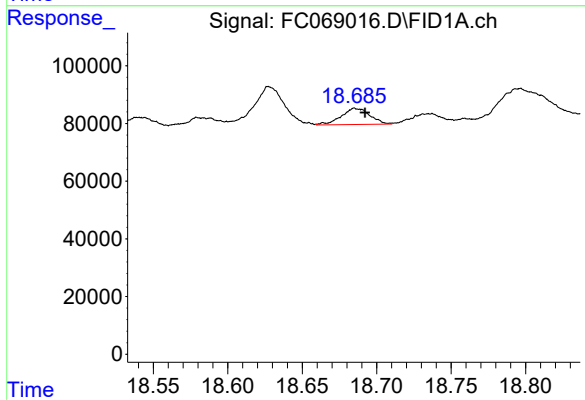
R.T.: 16.973 min
Delta R.T.: 0.004 min
Response: 190690
Conc: 2.05 ug/ml



#17 n-Tricontane (C30)

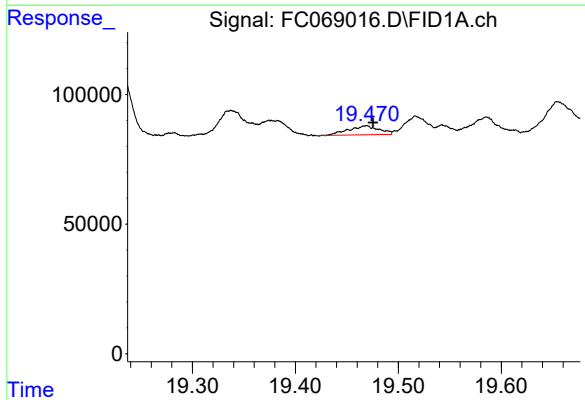
R.T.: 17.856 min
Delta R.T.: -0.001 min
Response: 146368
Conc: 1.51 ug/ml

Instrument :
FID_C
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.686 min
Delta R.T.: -0.006 min
Response: 75390
Conc: 0.76 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.468 min
Delta R.T.: -0.007 min
Response: 70709
Conc: 0.73 ug/ml