

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062425AL\
 Data File : FC069259.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jun 2025 07:57
 Operator : YP/AJ
 Sample : Q2386-01DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SU-1-062025DL

Integration File: autoint1.e
 Quant Time: Jun 25 00:38:11 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)	11.678	619630	3.587 ug/ml
Spiked Amount 50.000		Recovery =	7.17%
12) S 1-chlorooctadecane (S...	13.120	1854258	14.193 ug/ml
Spiked Amount 50.000		Recovery =	28.39%
Target Compounds			
5) T A~2-methylnaphthalene...	7.134	83112	0.525 ug/ml
6) T n-Tetradecane (C14)	8.262	223024	1.439 ug/ml
7) T n-Hexadecane (C16)	9.925	1145084	7.007 ug/ml
10) T n-Eicosane (C20)	12.666	408781	2.678 ug/ml
11) T n-Heneicosane (C21)	13.298	647151	4.391 ug/ml
13) T n-Docosane (C22)	13.898	919686	6.392 ug/ml
14) T n-Tetracosane (C24)	14.958	2883143	20.903 ug/ml
15) T n-Hexacosane (C26)	15.938f	110704	0.847 ug/ml
16) T n-Octacosane (C28)	16.960	405405	3.287 ug/ml
18) T n-Dotriacontane (C32)	18.668	61967	0.567 ug/ml

(f)=RT Delta > 1/2 Window

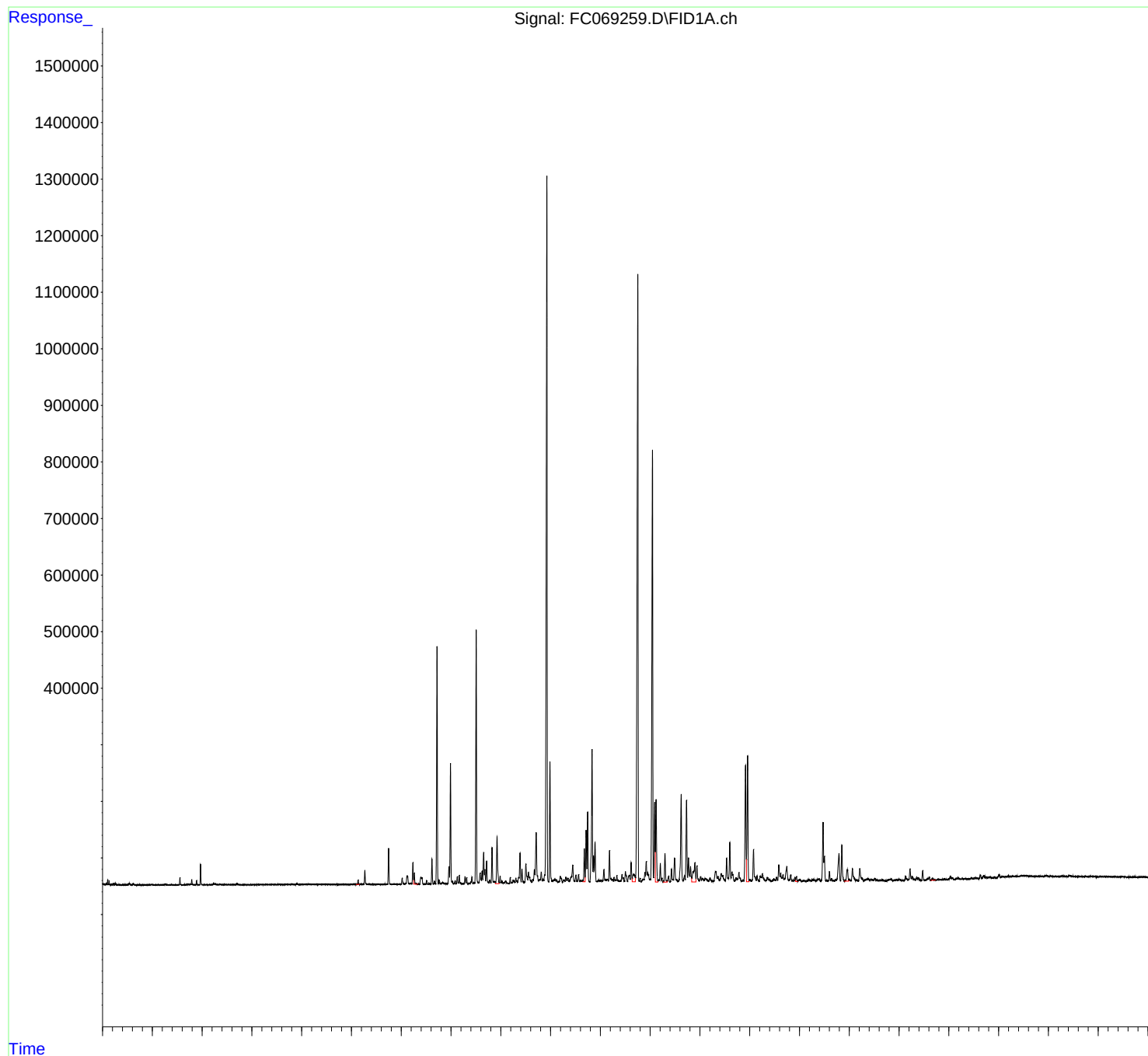
(m)=manual int.

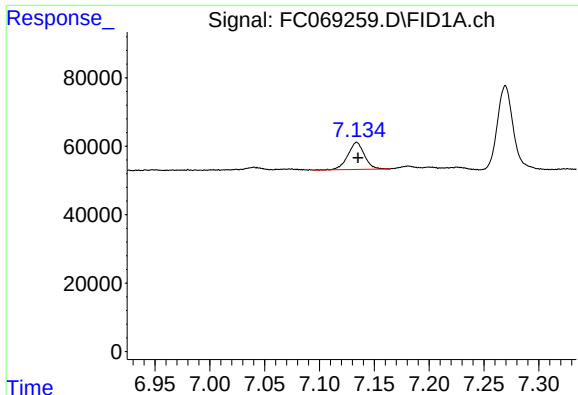
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

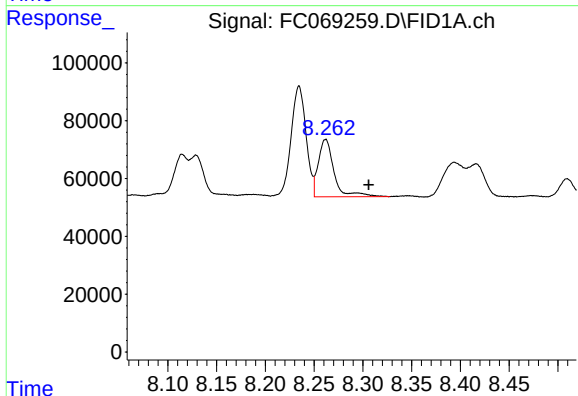




#5 A~2-methylnaphthalene (C12.89)

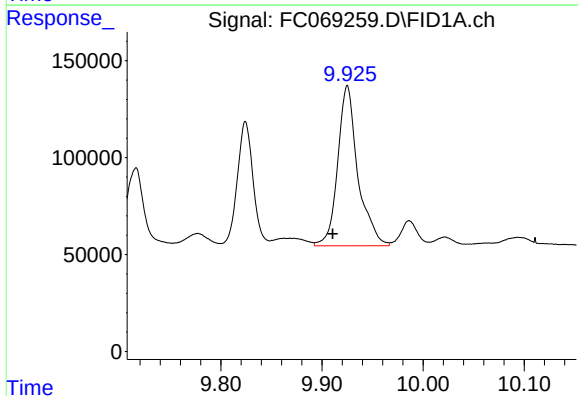
R.T.: 7.134 min
Delta R.T.: -0.001 min
Response: 83112
Conc: 0.53 ug/ml

Instrument :
FID_C
ClientSampleId :
SU-1-062025DL



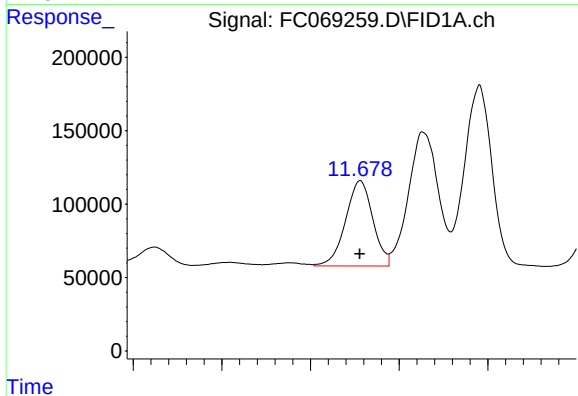
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: -0.044 min
Response: 223024
Conc: 1.44 ug/ml



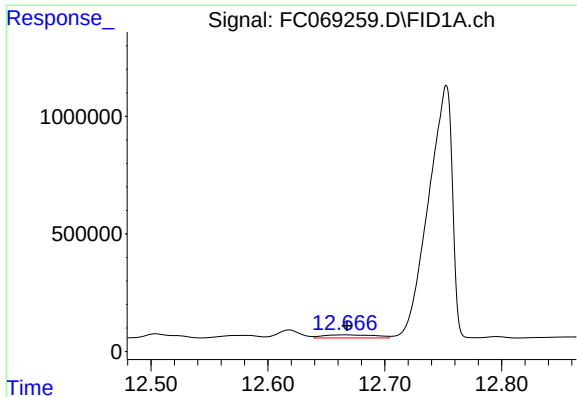
#7 n-Hexadecane (C16)

R.T.: 9.925 min
Delta R.T.: 0.014 min
Response: 1145084
Conc: 7.01 ug/ml



#9 ortho-Terphenyl (SURRE)

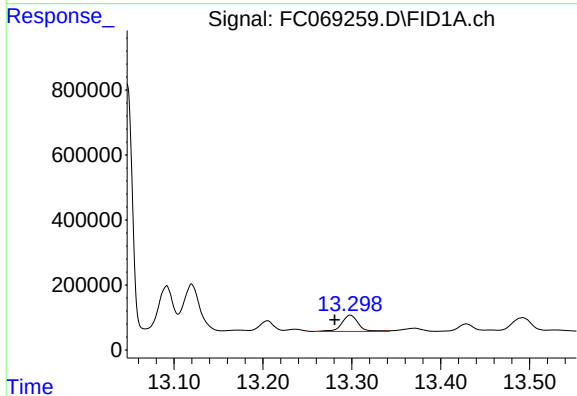
R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 619630
Conc: 3.59 ug/ml



#10 n-Eicosane (C20)

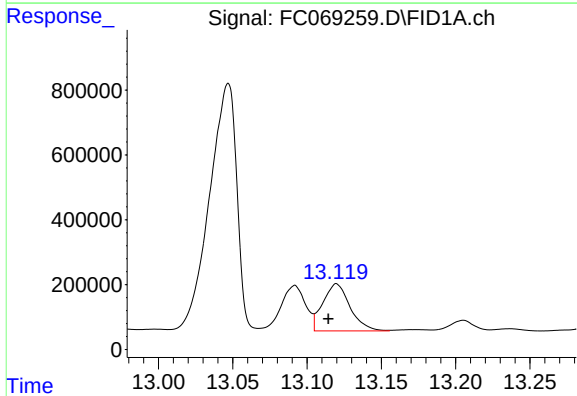
R.T.: 12.666 min
Delta R.T.: -0.002 min
Response: 408781
Conc: 2.68 ug/ml

Instrument :
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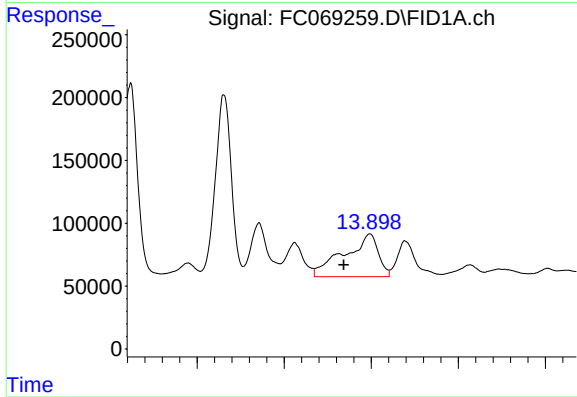
#11 n-Heneicosane (C21)

R.T.: 13.298 min
Delta R.T.: 0.018 min
Response: 647151
Conc: 4.39 ug/ml



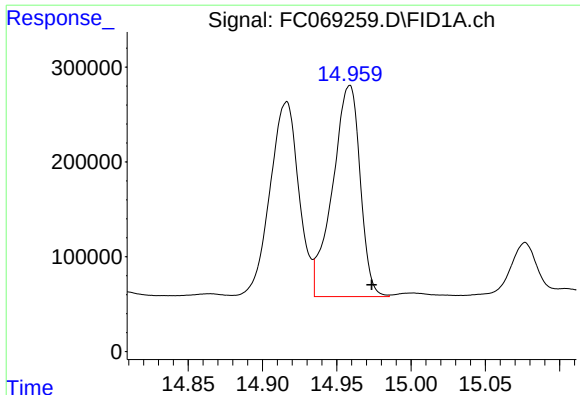
#12 1-chlorooctadecane (SURR)

R.T.: 13.120 min
Delta R.T.: 0.006 min
Response: 1854258
Conc: 14.19 ug/ml



#13 n-Docosane (C22)

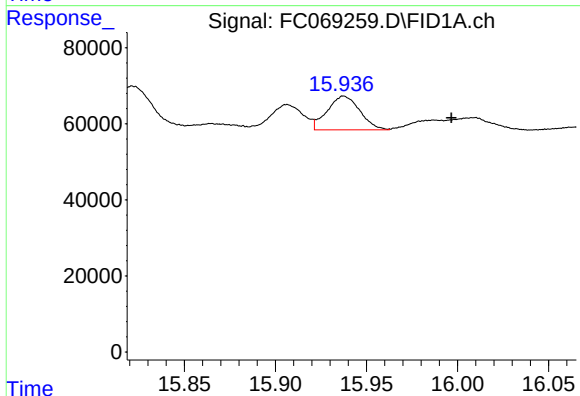
R.T.: 13.898 min
Delta R.T.: 0.030 min
Response: 919686
Conc: 6.39 ug/ml



#14 n-Tetracosane (C24)

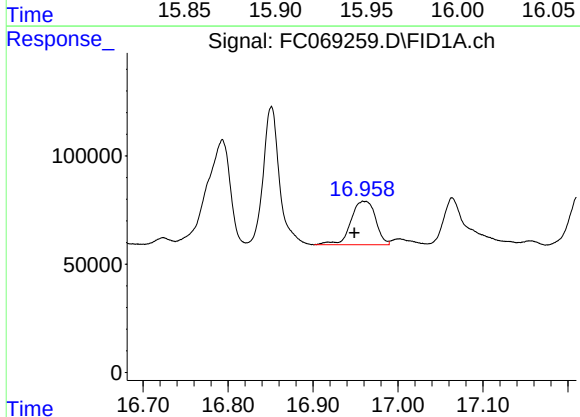
R.T.: 14.958 min
Delta R.T.: -0.015 min
Response: 2883143
Conc: 20.90 ug/ml

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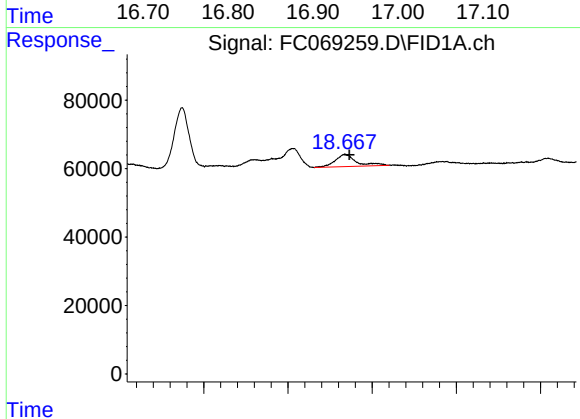
#15 n-Hexacosane (C26)

R.T.: 15.938 min
Delta R.T.: -0.059 min
Response: 110704
Conc: 0.85 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.960 min
Delta R.T.: 0.012 min
Response: 405405
Conc: 3.29 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.668 min
Delta R.T.: -0.005 min
Response: 61967
Conc: 0.57 ug/ml