

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071425AL\
 Data File : FC069443.D
 Signal(s) : FID1A.ch
 Acq On : 14 Jul 2025 22:32
 Operator : YP/AJ
 Sample : Q2590-02
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 NB-07-071125-E2

Integration File: autoint1.e
 Quant Time: Jul 15 01:51:26 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)	11.670	4222009	24.439 ug/ml
Spiked Amount 50.000		Recovery =	48.88%
12) S 1-chlorooctadecane (S...	13.105	3356534	25.693 ug/ml
Spiked Amount 50.000		Recovery =	51.39%
Target Compounds			
6) T n-Tetradecane (C14)	8.309	64645	0.417 ug/ml
10) T n-Eicosane (C20)	12.720f	223559	1.465 ug/ml
14) T n-Tetracosane (C24)	14.940	143994	1.044 ug/ml
16) T n-Octacosane (C28)	16.938	47629	0.386 ug/ml
18) T n-Dotriacontane (C32)	18.648	95157	0.870 ug/ml
19) T n-Tetratriacontane (C34)	19.507	72293	0.749 ug/ml

(f)=RT Delta > 1/2 Window

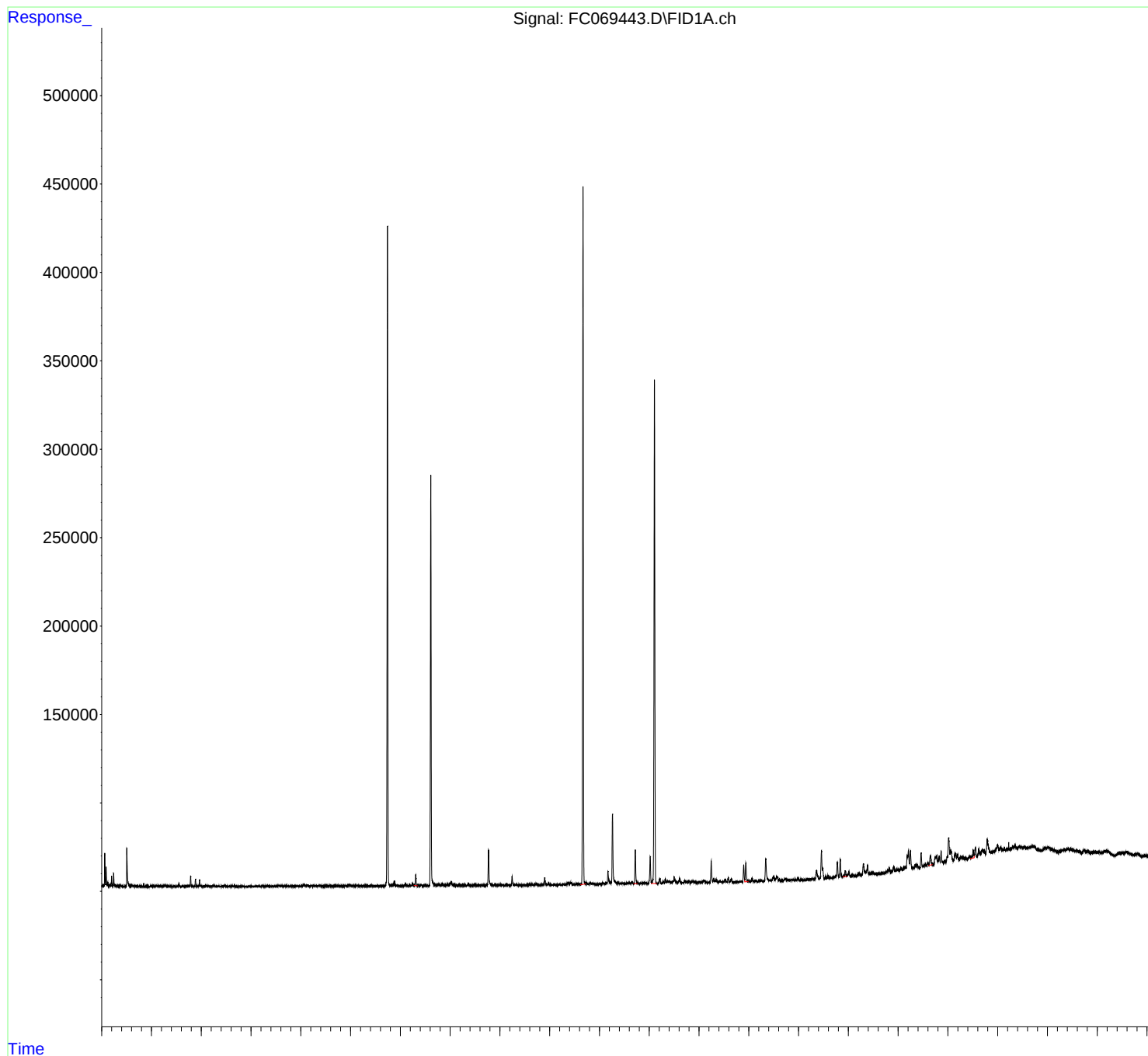
(m)=manual int.

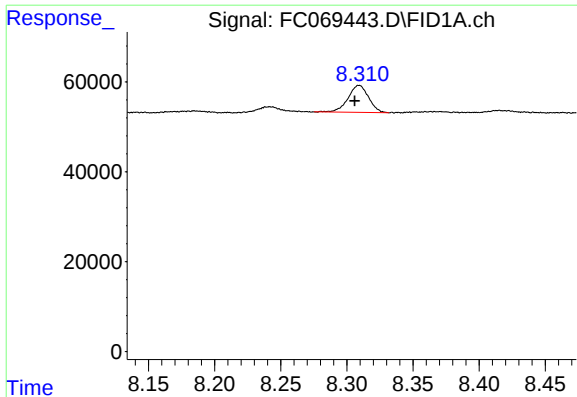
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

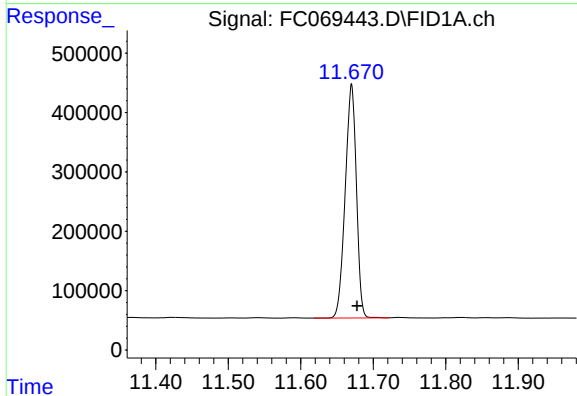




#6 n-Tetradecane (C14)

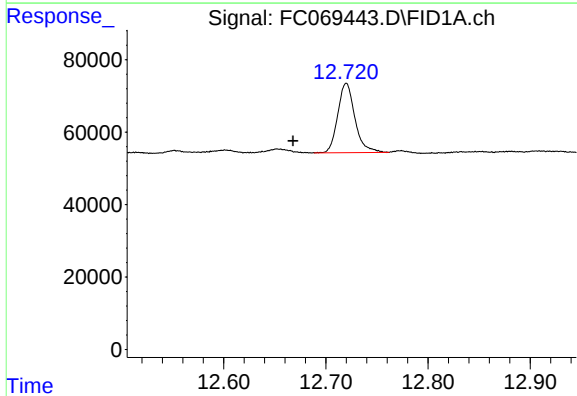
R.T.: 8.309 min
Delta R.T.: 0.003 min
Response: 64645
Conc: 0.42 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-07-071125-E2



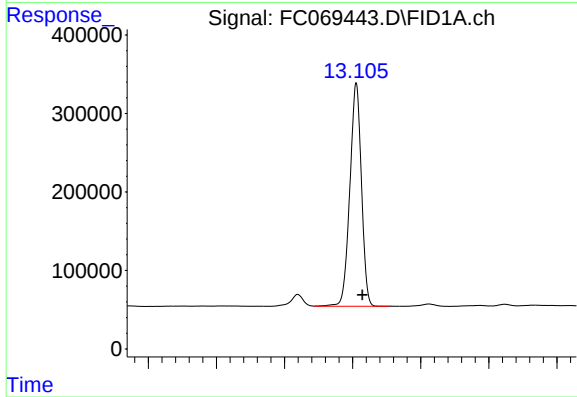
#9 ortho-Terphenyl (SURR)

R.T.: 11.670 min
Delta R.T.: -0.008 min
Response: 4222009
Conc: 24.44 ug/ml



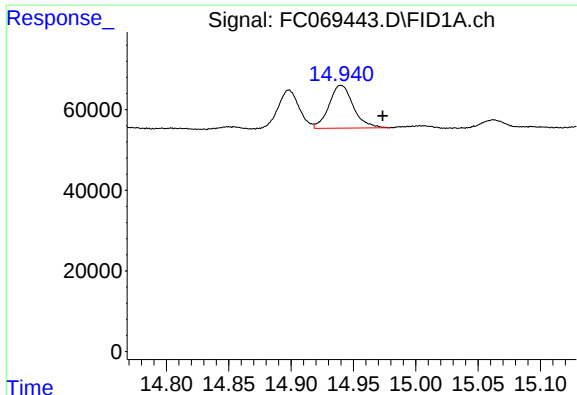
#10 n-Eicosane (C20)

R.T.: 12.720 min
Delta R.T.: 0.052 min
Response: 223559
Conc: 1.46 ug/ml



#12 1-chlorooctadecane (SURR)

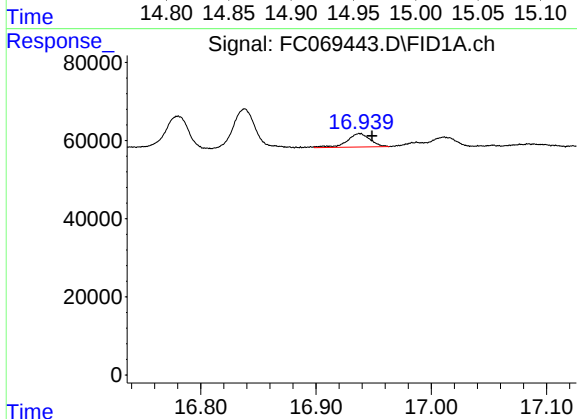
R.T.: 13.105 min
Delta R.T.: -0.009 min
Response: 3356534
Conc: 25.69 ug/ml



#14 n-Tetracosane (C24)

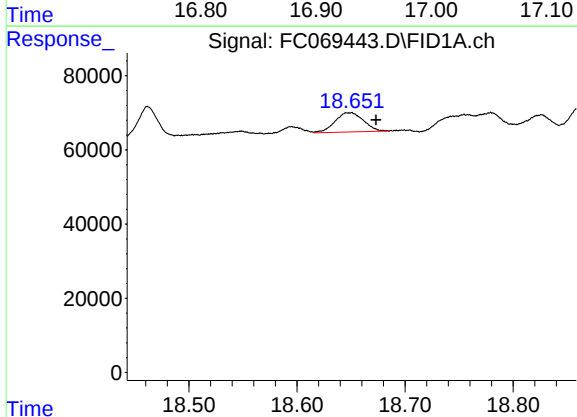
R.T.: 14.940 min
Delta R.T.: -0.033 min
Response: 143994
Conc: 1.04 ug/ml

Instrument :
FID_C
ClientSampleId :
NB-07-071125-E2



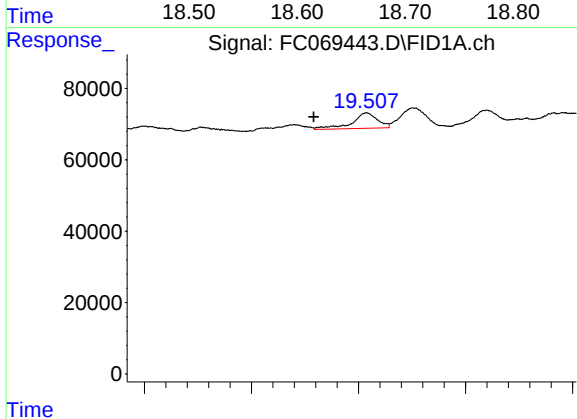
#16 n-Octacosane (C28)

R.T.: 16.938 min
Delta R.T.: -0.011 min
Response: 47629
Conc: 0.39 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: -0.025 min
Response: 95157
Conc: 0.87 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.507 min
Delta R.T.: 0.049 min
Response: 72293
Conc: 0.75 ug/ml