

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081225AL\
 Data File : FC069635.D
 Signal(s) : FID1A.ch
 Acq On : 12 Aug 2025 11:48
 Operator : YP/AJ
 Sample : PB169209BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 01:15:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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)	11.662	181549	1.217 ug/ml
Spiked Amount 50.000		Recovery =	2.43%
12) S 1-chlorooctadecane (S...	13.103	4679875	42.925 ug/ml
Spiked Amount 50.000		Recovery =	85.85%
Target Compounds			
6) T n-Tetradecane (C14)	8.291	62206	0.436 ug/ml
8) T n-Octadecane (C18)	11.341	40338	0.285 ug/ml
10) T n-Eicosane (C20)	12.652	45340	0.344 ug/ml
13) T n-Docosane (C22)	13.853	45250	0.362 ug/ml
14) T n-Tetracosane (C24)	14.956	52114	0.432 ug/ml
16) T n-Octacosane (C28)	16.930	54252	0.484 ug/ml
17) T n-Tricontane (C30)	17.819	59596	0.521 ug/ml
18) T n-Dotriacontane (C32)	18.653	76197	0.686 ug/ml
19) T n-Tetratriacontane (C34)	19.437	58844	0.578 ug/ml

(f)=RT Delta > 1/2 Window

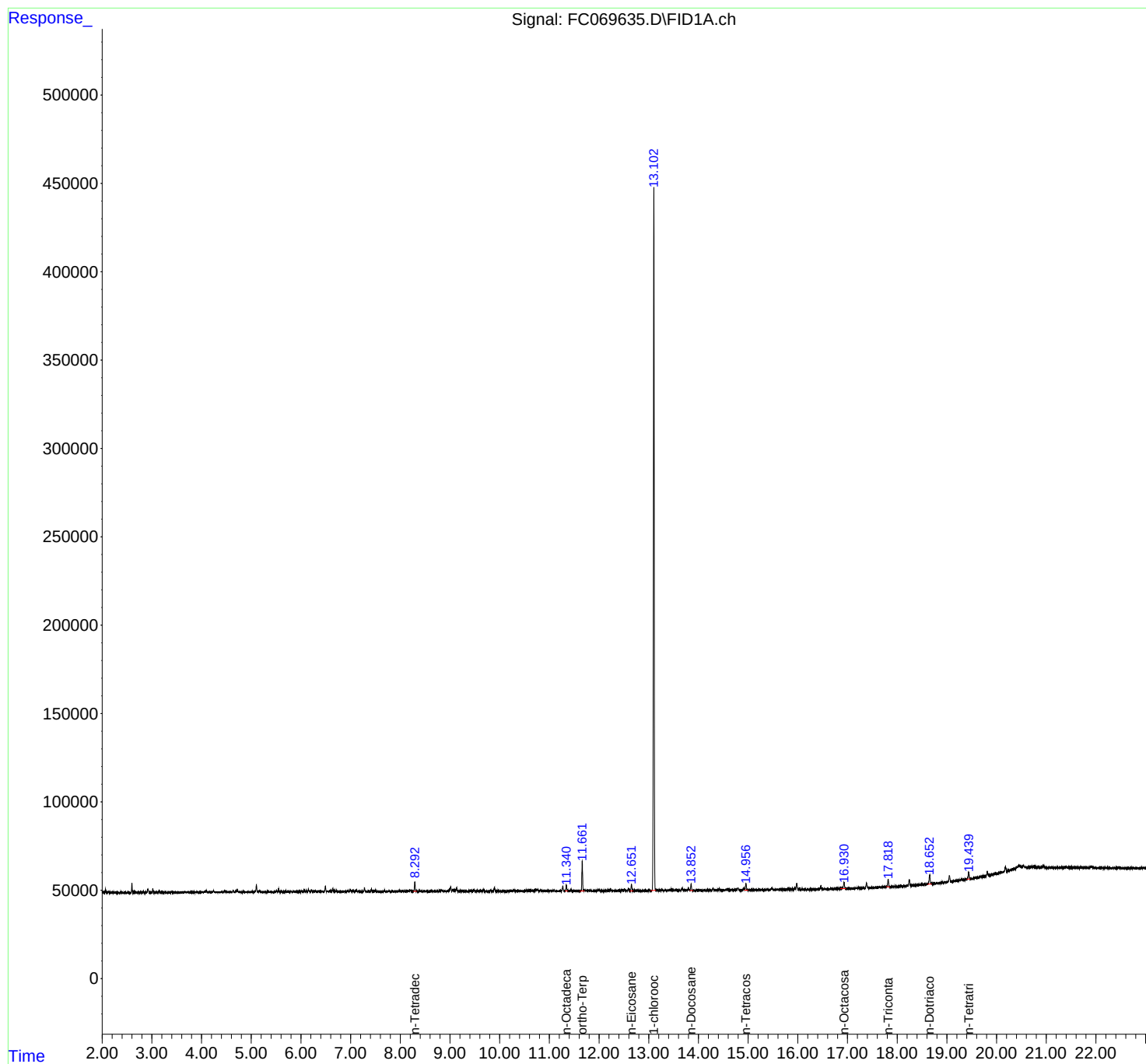
(m)=manual int.

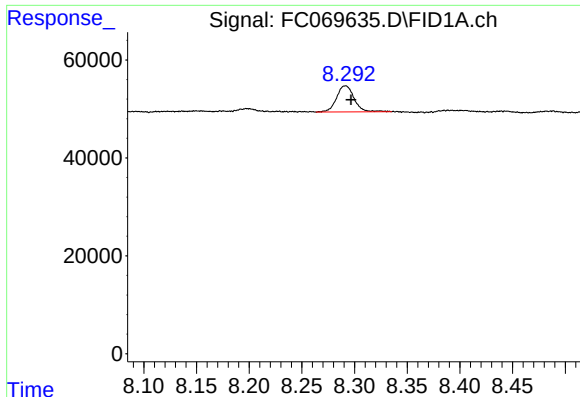
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

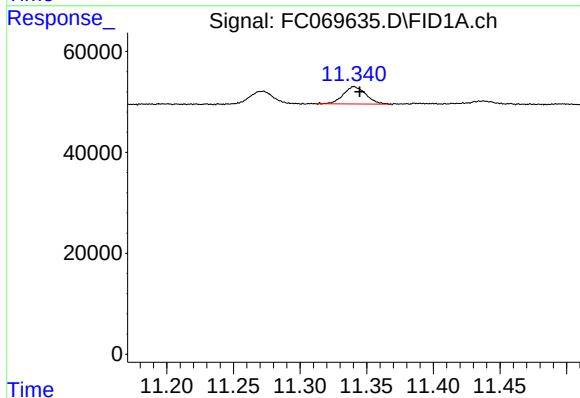




#6 n-Tetradecane (C14)

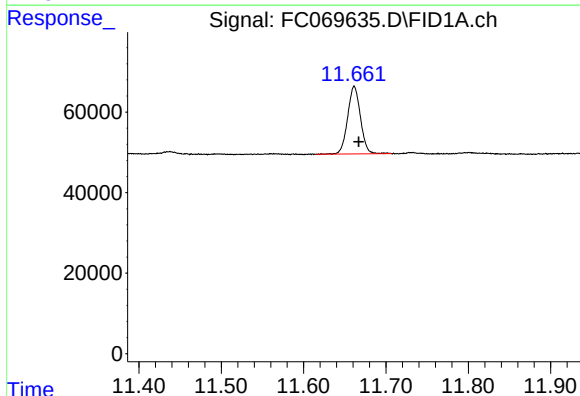
R.T.: 8.291 min
Delta R.T.: -0.005 min
Response: 62206
Conc: 0.44 ug/ml

Instrument :
FID_C
ClientSampleId :



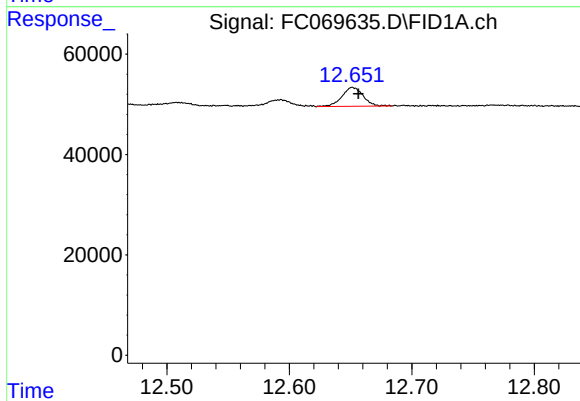
#8 n-Octadecane (C18)

R.T.: 11.341 min
Delta R.T.: -0.004 min
Response: 40338
Conc: 0.29 ug/ml



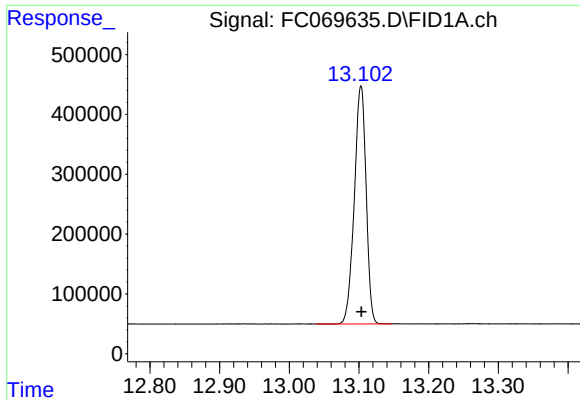
#9 ortho-Terphenyl (SURR)

R.T.: 11.662 min
Delta R.T.: -0.006 min
Response: 181549
Conc: 1.22 ug/ml



#10 n-Eicosane (C20)

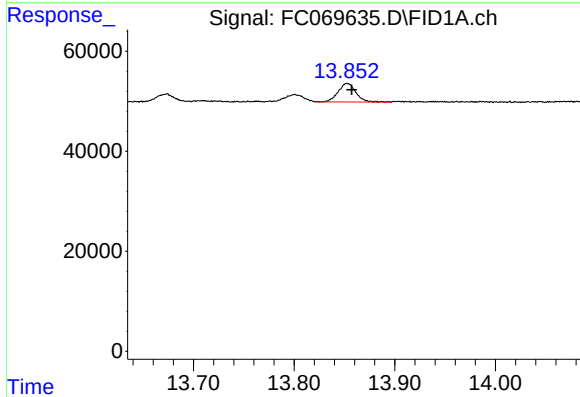
R.T.: 12.652 min
Delta R.T.: -0.004 min
Response: 45340
Conc: 0.34 ug/ml



#12 1-chlorooctadecane (SURR)

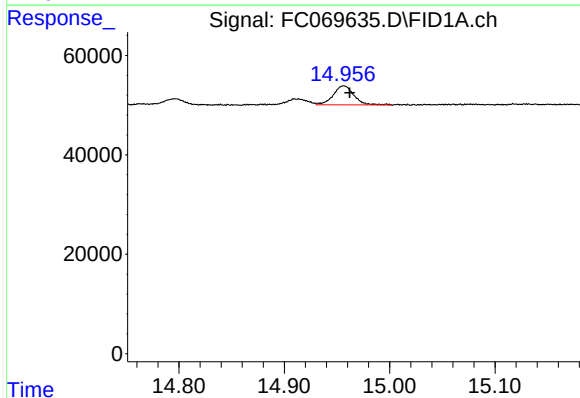
R.T.: 13.103 min
Delta R.T.: 0.000 min
Response: 4679875
Conc: 42.93 ug/ml

Instrument :
FID_C
ClientSampleId :



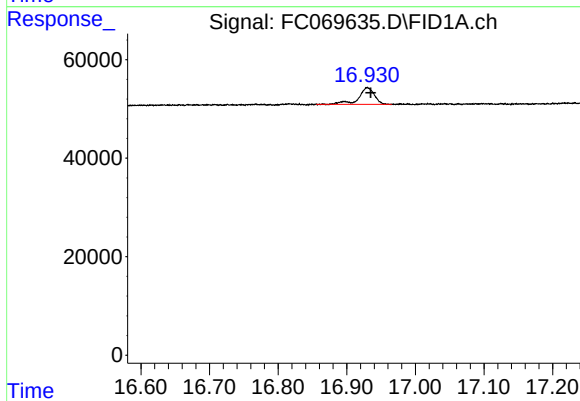
#13 n-Docosane (C22)

R.T.: 13.853 min
Delta R.T.: -0.004 min
Response: 45250
Conc: 0.36 ug/ml



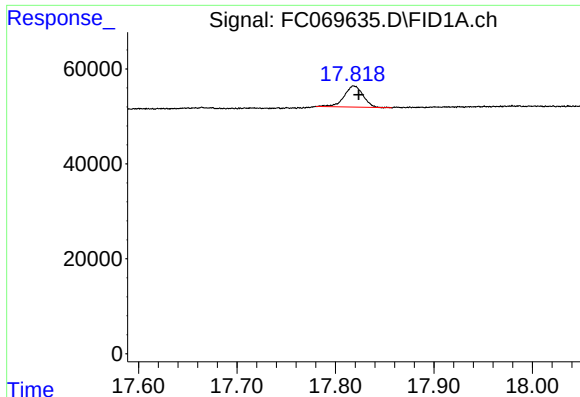
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: -0.006 min
Response: 52114
Conc: 0.43 ug/ml



#16 n-Octacosane (C28)

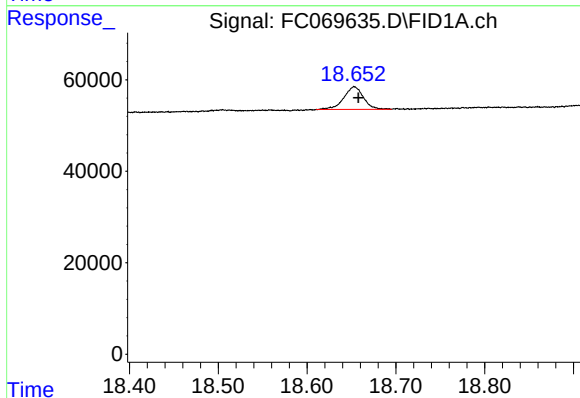
R.T.: 16.930 min
Delta R.T.: -0.005 min
Response: 54252
Conc: 0.48 ug/ml



#17 n-Tricontane (C30)

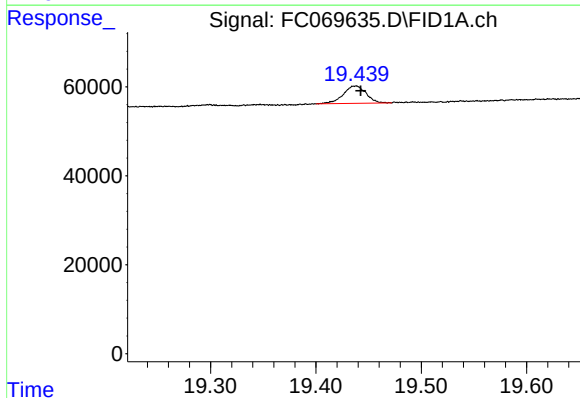
R.T.: 17.819 min
Delta R.T.: -0.005 min
Response: 59596
Conc: 0.52 ug/ml

Instrument :
FID_C
ClientSampleId :



#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: -0.004 min
Response: 76197
Conc: 0.69 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: -0.005 min
Response: 58844
Conc: 0.58 ug/ml