

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072425AL\
 Data File : FC069522.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jul 2025 09:57
 Operator : YP/AJ
 Sample : Q2677-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 25 01:33:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 071525.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 15 12:35:59 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)	11.671	3933157	26.503 ug/ml
Spiked Amount 50.000		Recovery =	53.01%
12) S 1-chlorooctadecane (S...	13.107	3072626	27.189 ug/ml
Spiked Amount 50.000		Recovery =	54.38%
Target Compounds			
6) T n-Tetradecane (C14)	8.297	65462	0.460 ug/ml
7) T n-Hexadecane (C16)	9.902	75971	0.520 ug/ml
8) T n-Octadecane (C18)	11.346	64237	0.447 ug/ml
10) T n-Eicosane (C20)	12.657	123888	0.923 ug/ml
13) T n-Docosane (C22)	13.860	53094	0.418 ug/ml
14) T n-Tetracosane (C24)	14.945	156626	1.283 ug/ml
16) T n-Octacosane (C28)	16.942	98435	0.889 ug/ml
17) T n-Tricontane (C30)	17.830	126040	1.151 ug/ml
18) T n-Dotriacontane (C32)	18.661	119907	1.156 ug/ml
19) T n-Tetratriacontane (C34)	19.448	100340	1.065 ug/ml
20) T n-Hexatriacontane (C36)	20.188	44120	0.534 ug/ml

(f)=RT Delta > 1/2 Window

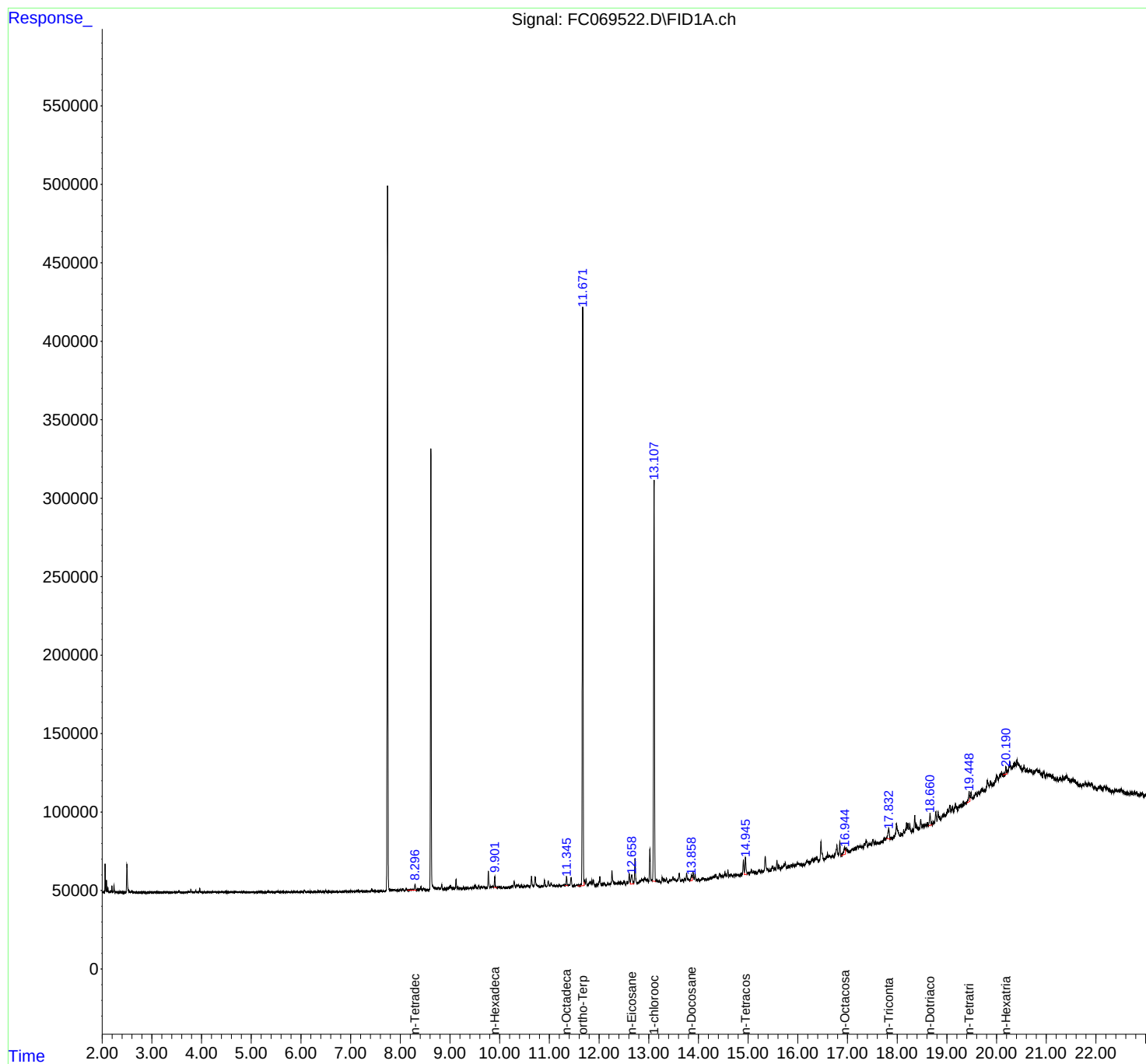
(m)=manual int.

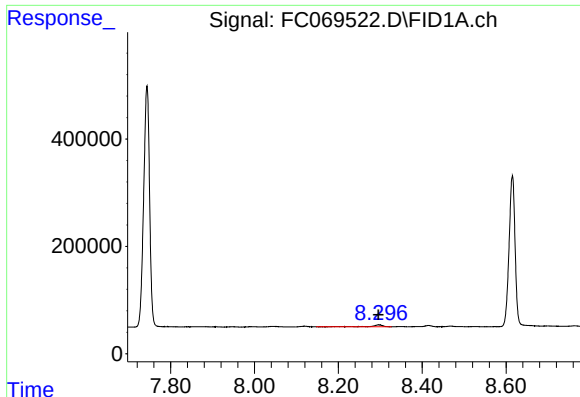
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Signal Info : 20M x 0.18mm x 0.18um

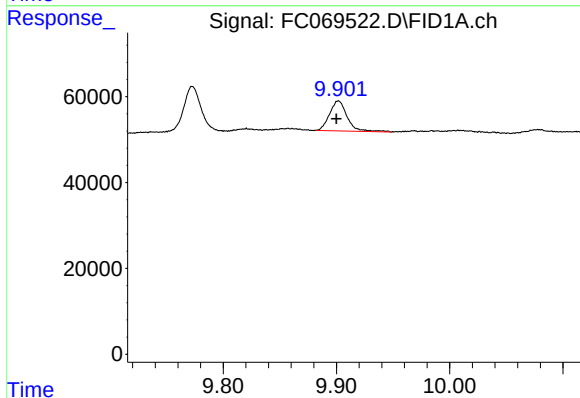




#6 n-Tetradecane (C14)

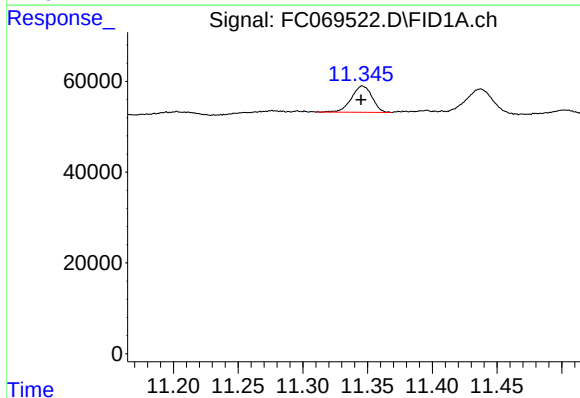
R.T.: 8.297 min
Delta R.T.: 0.001 min
Response: 65462
Conc: 0.46 ug/ml

Instrument :
FID_C
ClientSampleId :



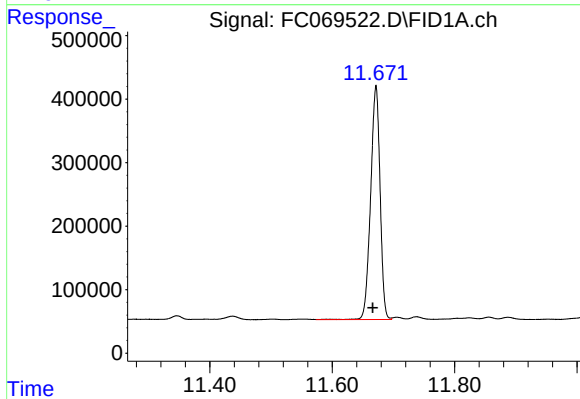
#7 n-Hexadecane (C16)

R.T.: 9.902 min
Delta R.T.: 0.002 min
Response: 75971
Conc: 0.52 ug/ml



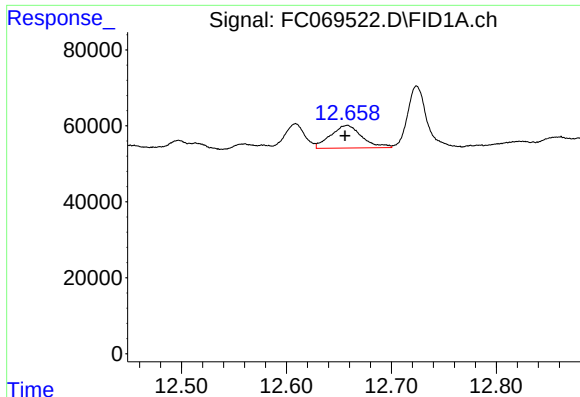
#8 n-Octadecane (C18)

R.T.: 11.346 min
Delta R.T.: 0.001 min
Response: 64237
Conc: 0.45 ug/ml



#9 ortho-Terphenyl (SURR)

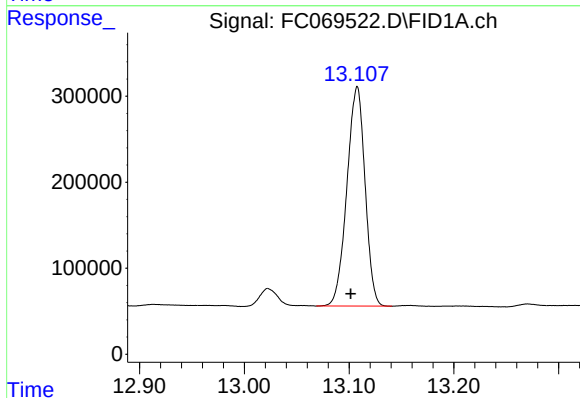
R.T.: 11.671 min
Delta R.T.: 0.005 min
Response: 3933157
Conc: 26.50 ug/ml



#10 n-Eicosane (C20)

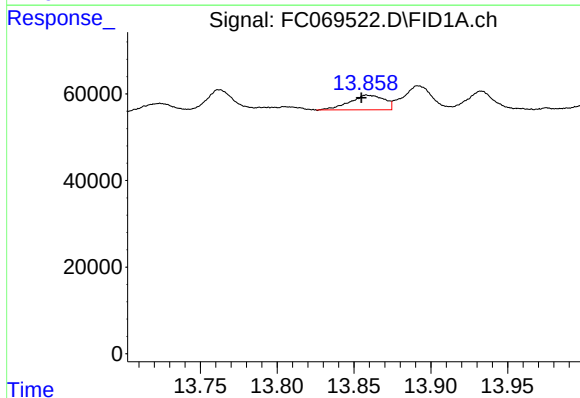
R.T.: 12.657 min
Delta R.T.: 0.002 min
Response: 123888
Conc: 0.92 ug/ml

Instrument :
FID_C
ClientSampleId :



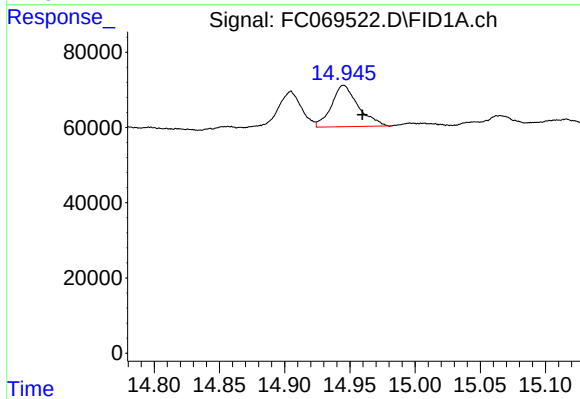
#12 1-chlorooctadecane (SURR)

R.T.: 13.107 min
Delta R.T.: 0.006 min
Response: 3072626
Conc: 27.19 ug/ml



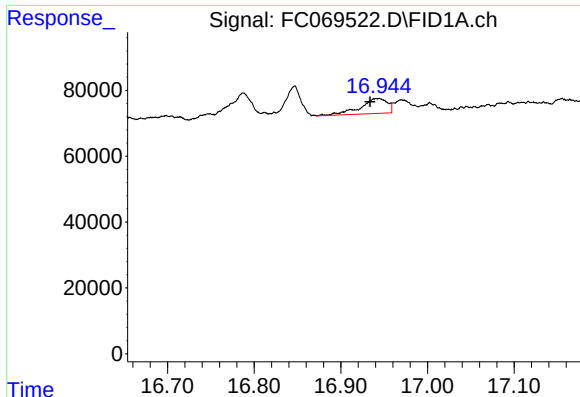
#13 n-Docosane (C22)

R.T.: 13.860 min
Delta R.T.: 0.005 min
Response: 53094
Conc: 0.42 ug/ml



#14 n-Tetracosane (C24)

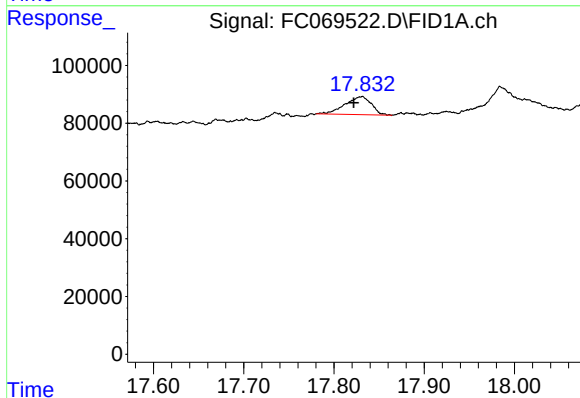
R.T.: 14.945 min
Delta R.T.: -0.014 min
Response: 156626
Conc: 1.28 ug/ml



#16 n-Octacosane (C28)

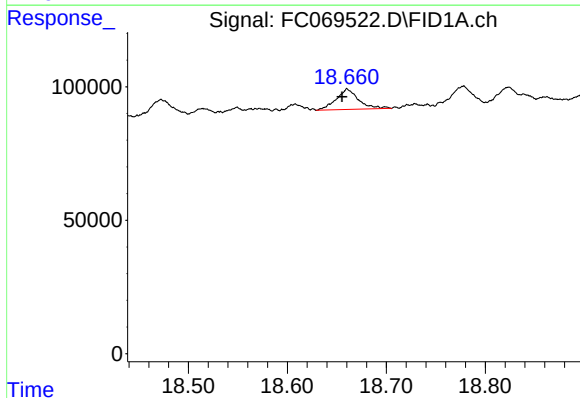
R.T.: 16.942 min
Delta R.T.: 0.009 min
Response: 98435
Conc: 0.89 ug/ml

Instrument :
FID_C
ClientSampleId :



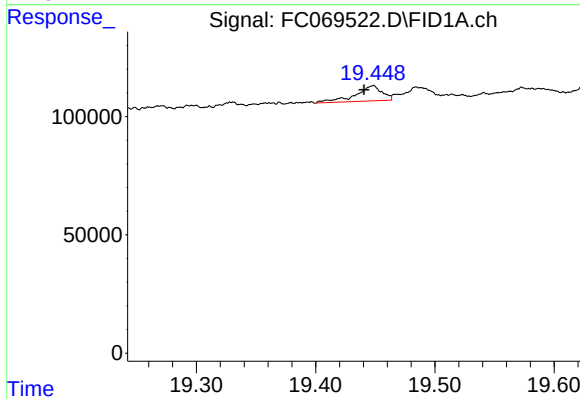
#17 n-Tricontane (C30)

R.T.: 17.830 min
Delta R.T.: 0.008 min
Response: 126040
Conc: 1.15 ug/ml



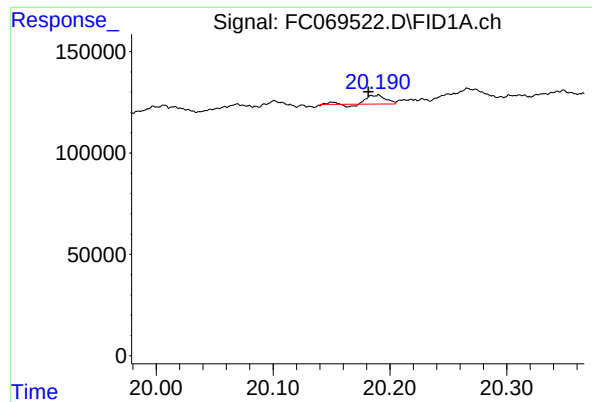
#18 n-Dotriacontane (C32)

R.T.: 18.661 min
Delta R.T.: 0.006 min
Response: 119907
Conc: 1.16 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.448 min
Delta R.T.: 0.007 min
Response: 100340
Conc: 1.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.188 min
Delta R.T.: 0.007 min
Response: 44120
Conc: 0.53 ug/ml

Instrument :

FID_C

ClientSampleId :