

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041825AL\
 Data File : FC068646.D
 Signal(s) : FID1A.ch
 Acq On : 18 Apr 2025 22:54
 Operator : YP/AJ
 Sample : Q1825-05DL 10X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-10-E2DL

Integration File: autoint1.e
 Quant Time: Apr 19 00:28:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.716	494301	3.882 ug/ml
Spiked Amount 50.000		Recovery =	7.76%
12) S 1-chlorooctadecane (S...	13.152	397169	4.276 ug/ml
Spiked Amount 50.000		Recovery =	8.55%
Target Compounds			
2) T n-Decane (C10)	4.522	79022	0.750 ug/ml
7) T n-Hexadecane (C16)	9.949	133925	1.315 ug/ml
8) T n-Octadecane (C18)	11.392	220237	2.189 ug/ml
10) T n-Eicosane (C20)	12.705	152211	1.547 ug/ml
11) T n-Heneicosane (C21)	13.319	85031	0.873 ug/ml
13) T n-Docosane (C22)	13.905	139179	1.441 ug/ml
14) T n-Tetracosane (C24)	15.010	113927	1.197 ug/ml
15) T n-Hexacosane (C26)	16.033	110612	1.184 ug/ml
16) T n-Octacosane (C28)	16.984	185125	2.022 ug/ml
17) T n-Tricontane (C30)	17.872	146566	1.594 ug/ml
18) T n-Dotriacontane (C32)	18.706	105095	1.146 ug/ml
19) T n-Tetratriacontane (C34)	19.493	77590	0.868 ug/ml
20) T n-Hexatriacontane (C36)	20.240	41639	0.465 ug/ml

(f)=RT Delta > 1/2 Window

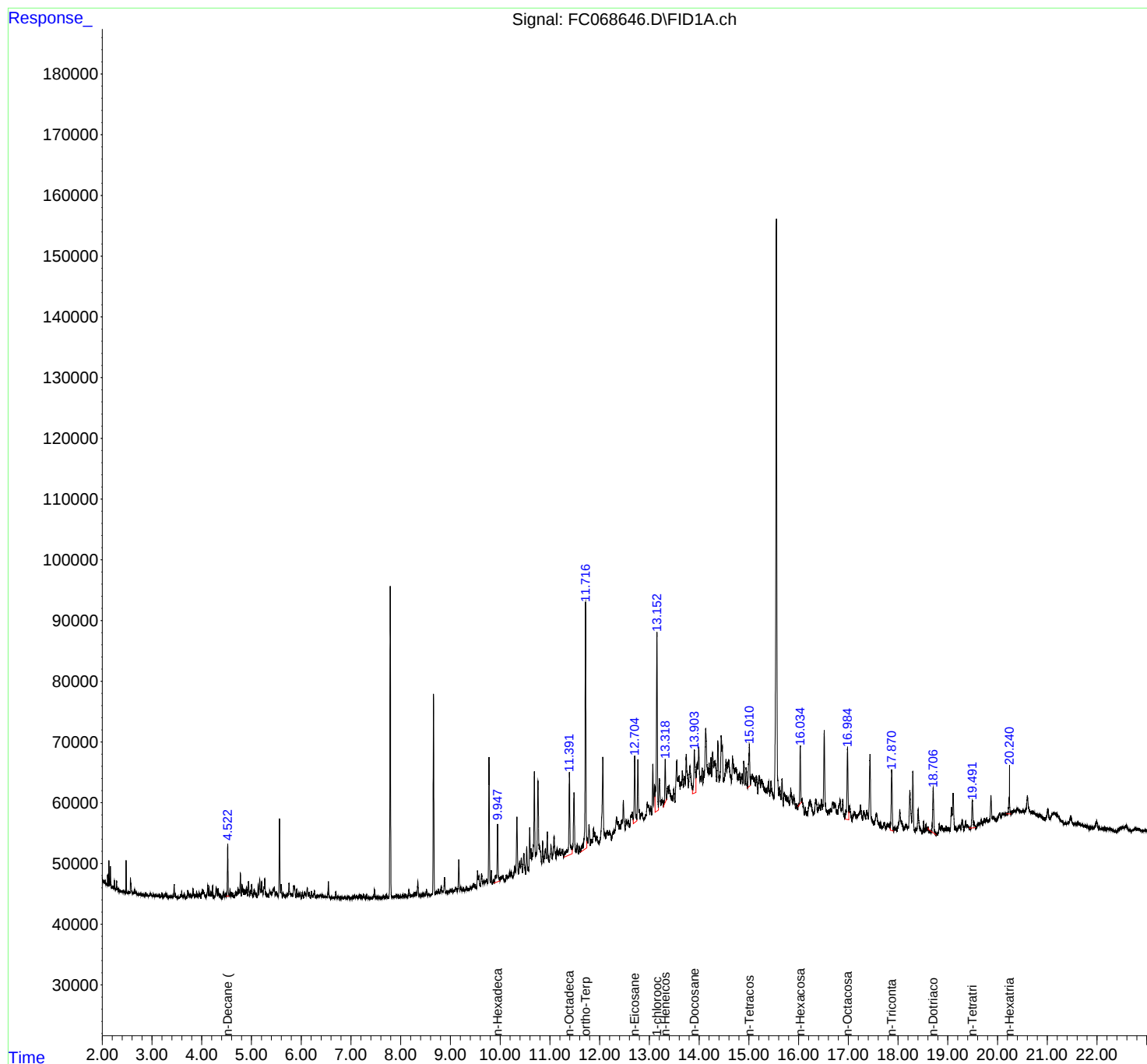
(m)=manual int.

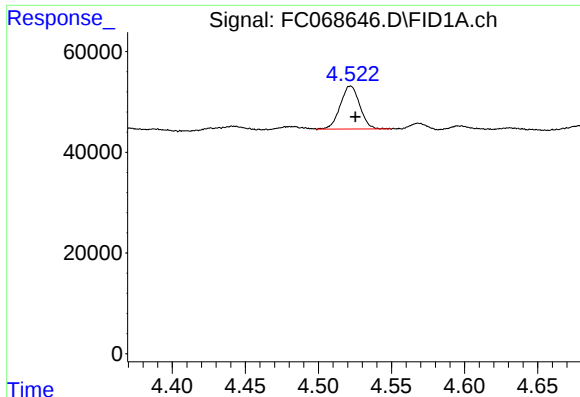
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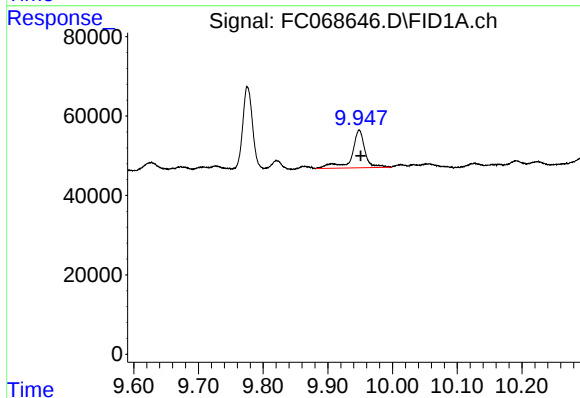




#2 n-Decane (C10)

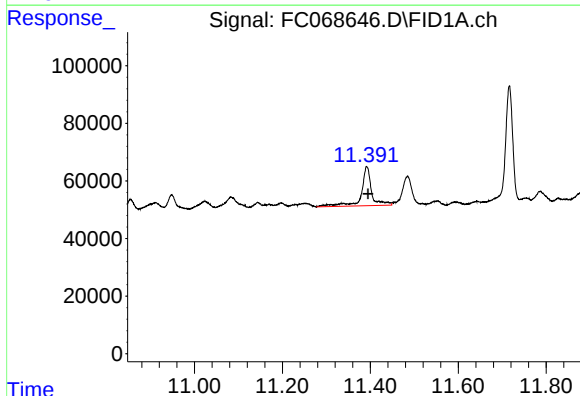
R.T.: 4.522 min
Delta R.T.: -0.003 min
Response: 79022
Conc: 0.75 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-10-E2DL



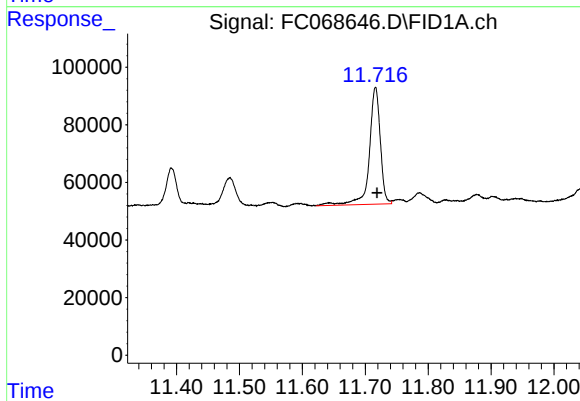
#7 n-Hexadecane (C16)

R.T.: 9.949 min
Delta R.T.: -0.002 min
Response: 133925
Conc: 1.32 ug/ml



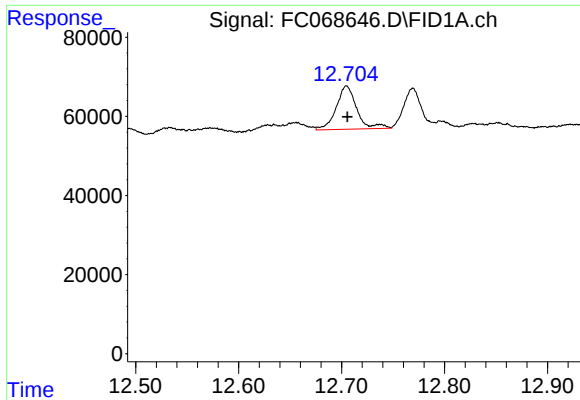
#8 n-Octadecane (C18)

R.T.: 11.392 min
Delta R.T.: -0.003 min
Response: 220237
Conc: 2.19 ug/ml



#9 ortho-Terphenyl (SURR)

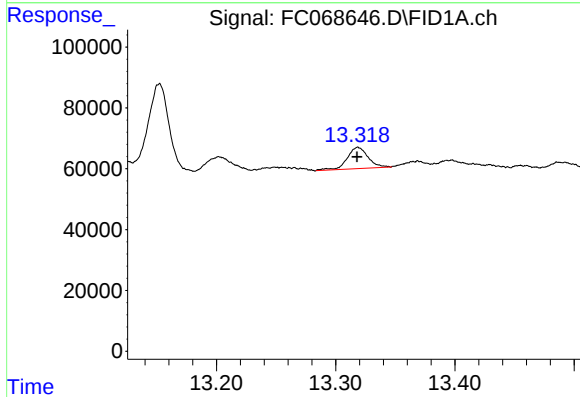
R.T.: 11.716 min
Delta R.T.: -0.002 min
Response: 494301
Conc: 3.88 ug/ml



#10 n-Eicosane (C20)

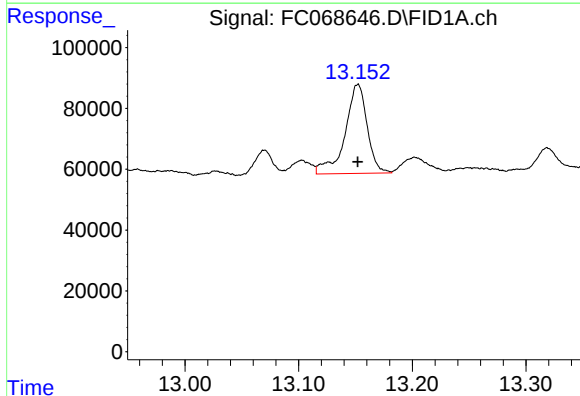
R.T.: 12.705 min
Delta R.T.: 0.000 min
Response: 152211
Conc: 1.55 ug/ml

Instrument :
FID_C
ClientSampleId :
TP-10-E2DL



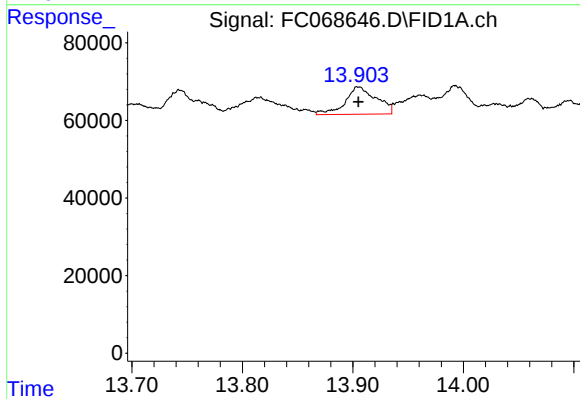
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: 0.001 min
Response: 85031
Conc: 0.87 ug/ml



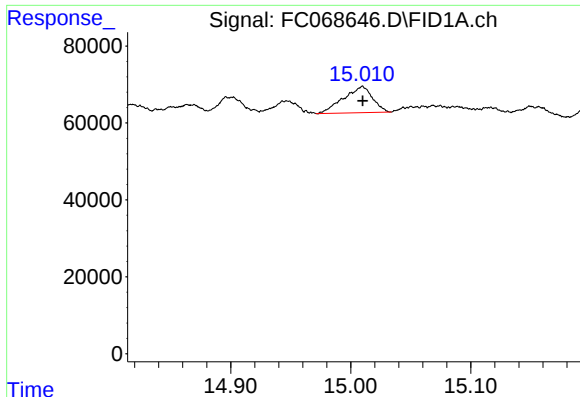
#12 1-chlorooctadecane (SURR)

R.T.: 13.152 min
Delta R.T.: 0.000 min
Response: 397169
Conc: 4.28 ug/ml



#13 n-Docosane (C22)

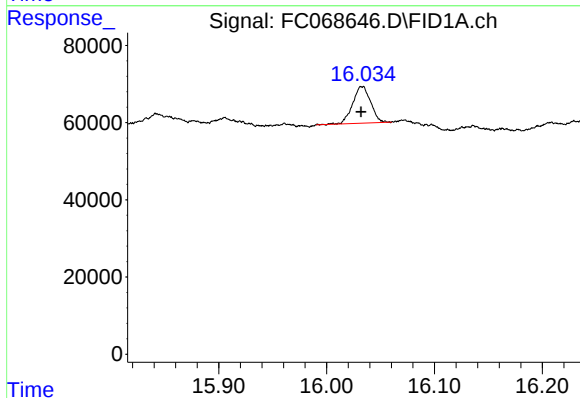
R.T.: 13.905 min
Delta R.T.: 0.000 min
Response: 139179
Conc: 1.44 ug/ml



#14 n-Tetracosane (C24)

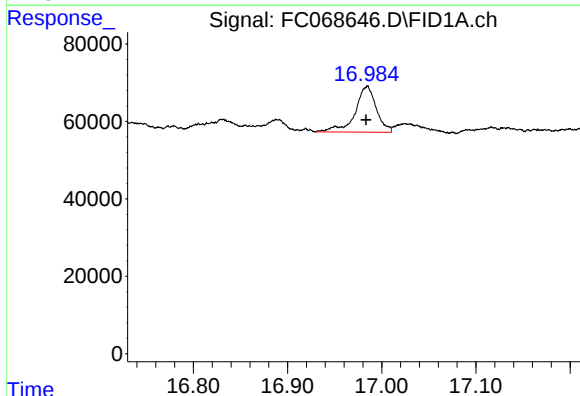
R.T.: 15.010 min
Delta R.T.: 0.000 min
Response: 113927
Conc: 1.20 ug/ml

Instrument :
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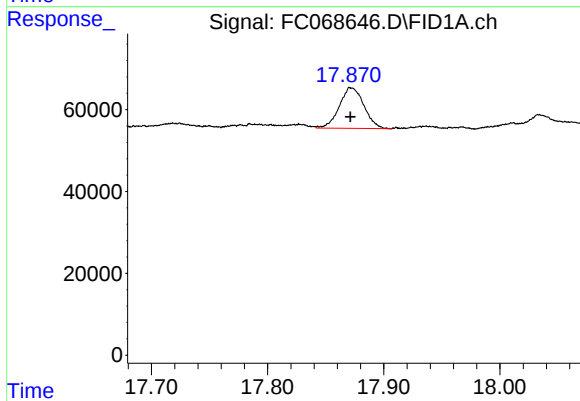
#15 n-Hexacosane (C26)

R.T.: 16.033 min
Delta R.T.: 0.001 min
Response: 110612
Conc: 1.18 ug/ml



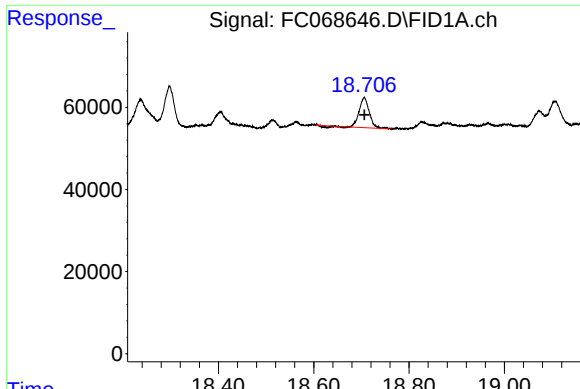
#16 n-Octacosane (C28)

R.T.: 16.984 min
Delta R.T.: 0.000 min
Response: 185125
Conc: 2.02 ug/ml



#17 n-Tricontane (C30)

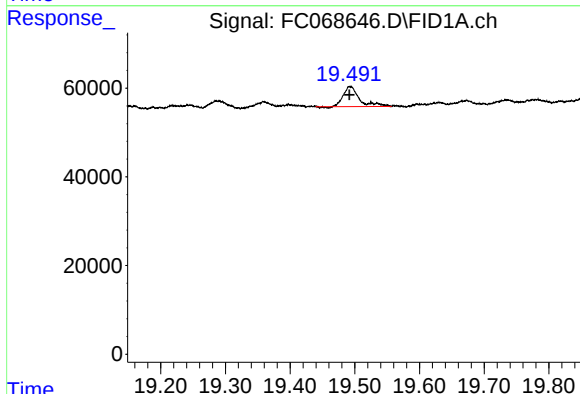
R.T.: 17.872 min
Delta R.T.: 0.001 min
Response: 146566
Conc: 1.59 ug/ml



#18 n-Dotriacontane (C32)

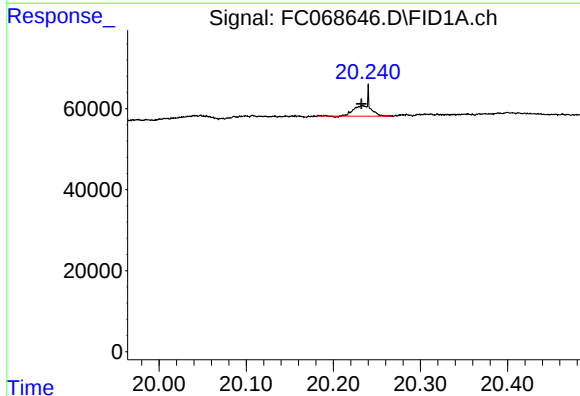
R.T.: 18.706 min
Delta R.T.: 0.000 min
Response: 105095
Conc: 1.15 ug/ml

Instrument :
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#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: 0.001 min
Response: 77590
Conc: 0.87 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.240 min
Delta R.T.: 0.007 min
Response: 41639
Conc: 0.46 ug/ml