

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061325AL\
 Data File : FC069209.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2025 13:56
 Operator : YP/AJ
 Sample : Q2305-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-04-06122025

Integration File: autoint1.e
 Quant Time: Jun 13 23:08:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052425.M
 Quant Title : GC Extractables
 QLast Update : Tue May 27 01:48:55 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)	11.676	3535090	28.660 ug/ml
Spiked Amount 50.000		Recovery =	57.32%
12) S 1-chlorooctadecane (S...	13.113	2662628	29.679 ug/ml
Spiked Amount 50.000		Recovery =	59.36%
Target Compounds			
7) T n-Hexadecane (C16)	9.908	100662	0.992 ug/ml
8) T n-Octadecane (C18)	11.353	64732	0.648 ug/ml
10) T n-Eicosane (C20)	12.666	88066	0.904 ug/ml
11) T n-Heneicosane (C21)	13.279	53244	0.553 ug/ml
13) T n-Docosane (C22)	13.867	85895	0.902 ug/ml
14) T n-Tetracosane (C24)	14.945f	161306	1.713 ug/ml
15) T n-Hexacosane (C26)	15.994	62655	0.675 ug/ml
16) T n-Octacosane (C28)	16.975	77245	0.831 ug/ml
17) T n-Tricontane (C30)	17.839	122009	1.261 ug/ml
18) T n-Dotriacontane (C32)	18.669	128479	1.296 ug/ml
19) T n-Tetratriacontane (C34)	19.456	142691	1.481 ug/ml
20) T n-Hexatriacontane (C36)	20.194	88817	0.936 ug/ml
21) T n-Octatriacontane (C38)	20.967	149157	1.635 ug/ml
22) T n-Tetracontane (C40)	21.933	122902	1.393 ug/ml

(f)=RT Delta > 1/2 Window

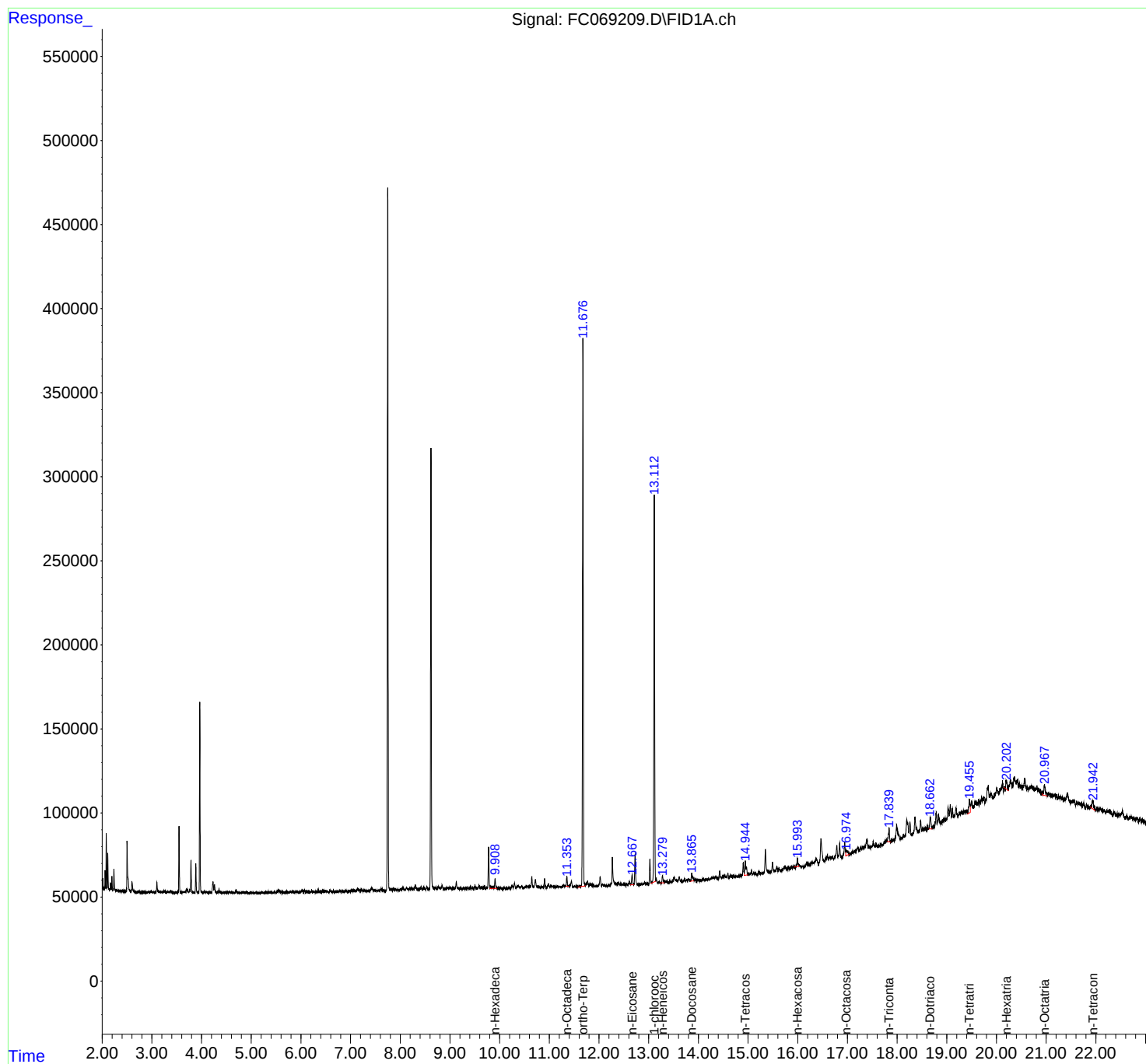
(m)=manual int.

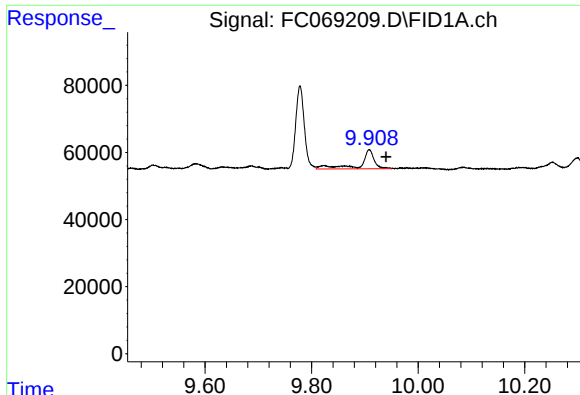
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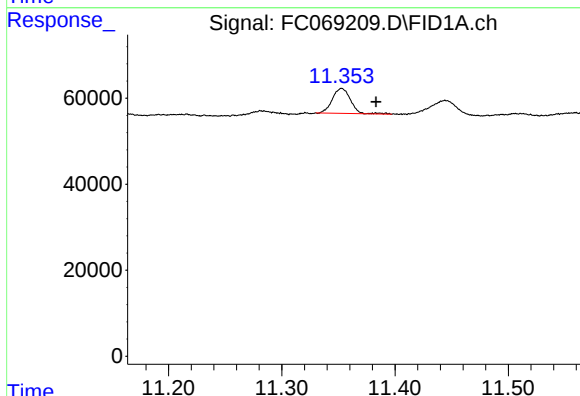




#7 n-Hexadecane (C16)

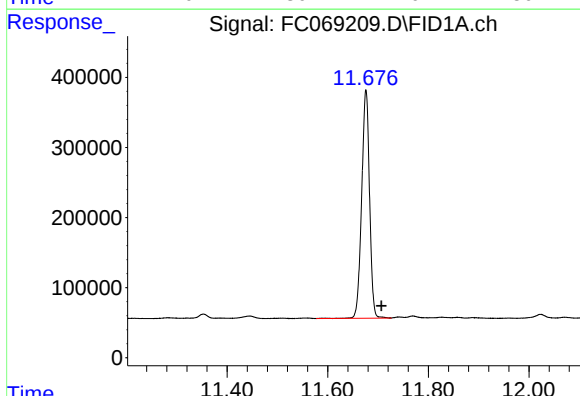
R.T.: 9.908 min
Delta R.T.: -0.032 min
Response: 100662
Conc: 0.99 ug/ml

Instrument :
FID_C
ClientSampleId :
TR-04-06122025



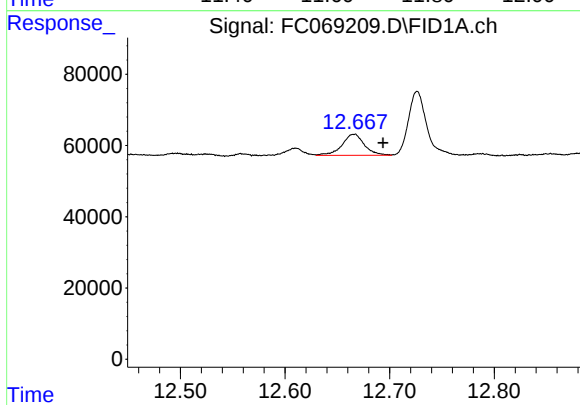
#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: -0.030 min
Response: 64732
Conc: 0.65 ug/ml



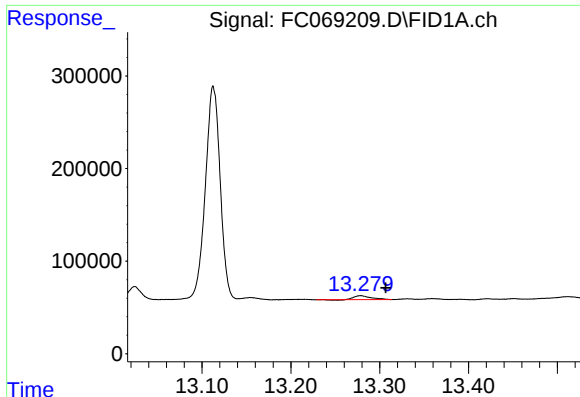
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.031 min
Response: 3535090
Conc: 28.66 ug/ml



#10 n-Eicosane (C20)

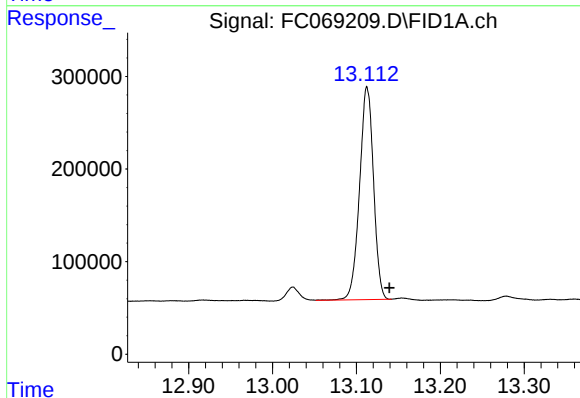
R.T.: 12.666 min
Delta R.T.: -0.028 min
Response: 88066
Conc: 0.90 ug/ml



#11 n-Heneicosane (C21)

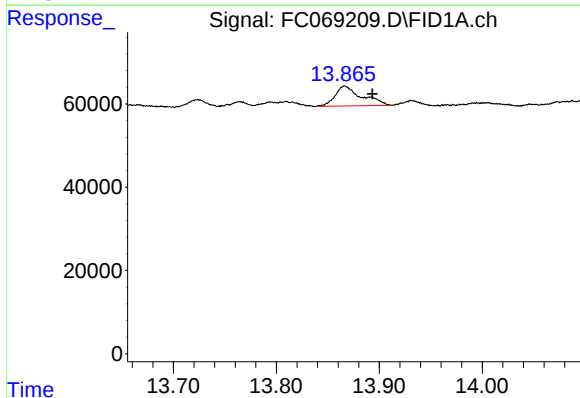
R.T.: 13.279 min
Delta R.T.: -0.028 min
Response: 53244
Conc: 0.55 ug/ml

Instrument :
FID_C
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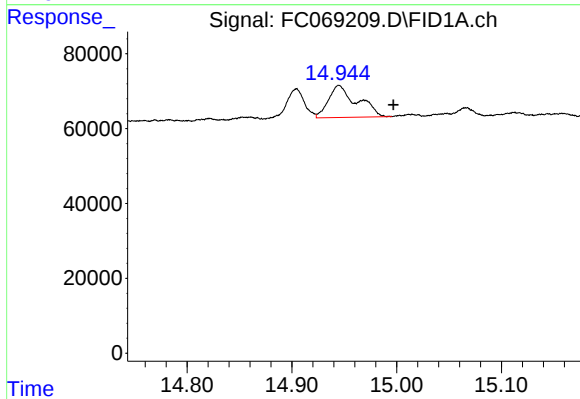
#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.027 min
Response: 2662628
Conc: 29.68 ug/ml



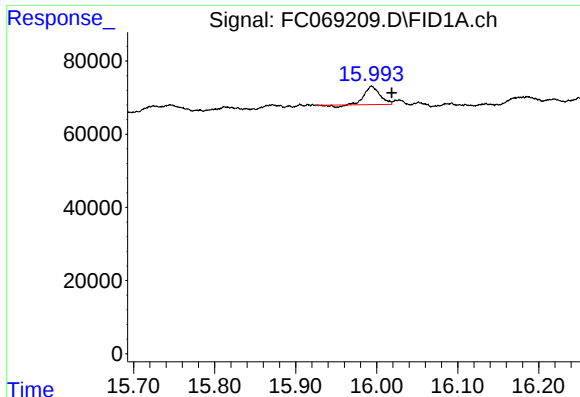
#13 n-Docosane (C22)

R.T.: 13.867 min
Delta R.T.: -0.027 min
Response: 85895
Conc: 0.90 ug/ml



#14 n-Tetracosane (C24)

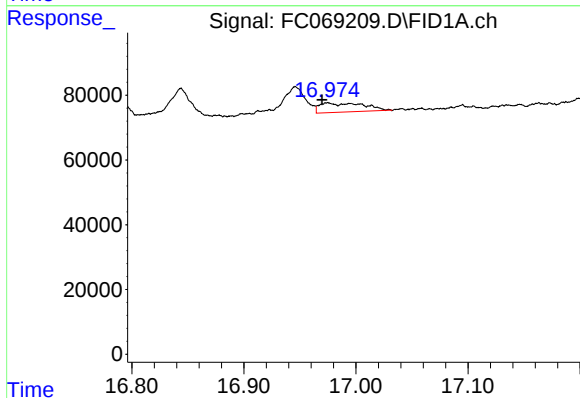
R.T.: 14.945 min
Delta R.T.: -0.052 min
Response: 161306
Conc: 1.71 ug/ml



#15 n-Hexacosane (C26)

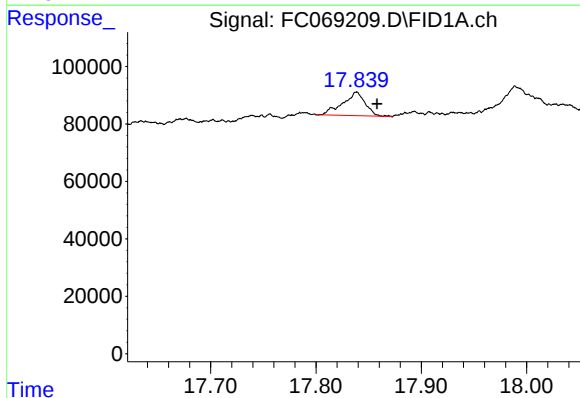
R.T.: 15.994 min
Delta R.T.: -0.025 min
Response: 62655
Conc: 0.67 ug/ml

Instrument :
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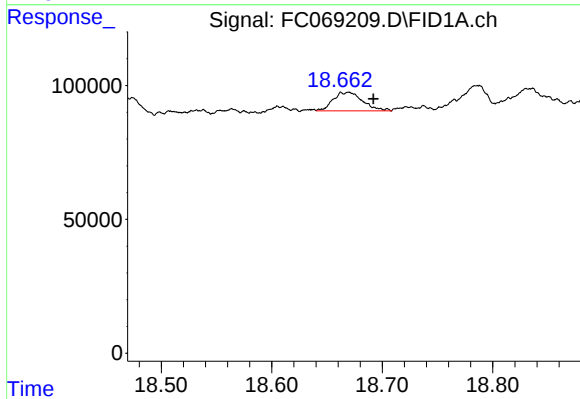
#16 n-Octacosane (C28)

R.T.: 16.975 min
Delta R.T.: 0.005 min
Response: 77245
Conc: 0.83 ug/ml



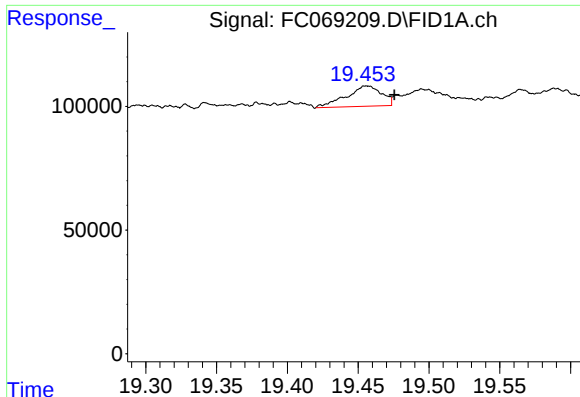
#17 n-Tricontane (C30)

R.T.: 17.839 min
Delta R.T.: -0.019 min
Response: 122009
Conc: 1.26 ug/ml



#18 n-Dotriacontane (C32)

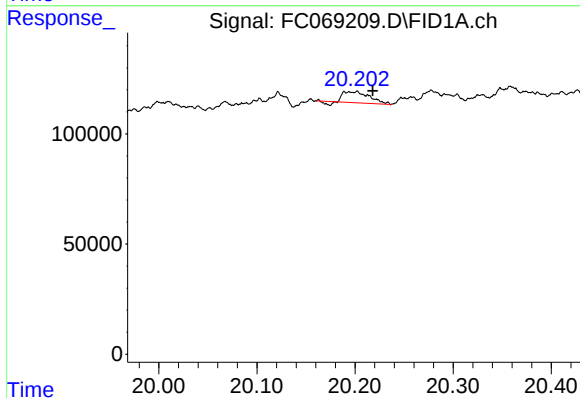
R.T.: 18.669 min
Delta R.T.: -0.023 min
Response: 128479
Conc: 1.30 ug/ml



#19 n-Tetratriacontane (C34)

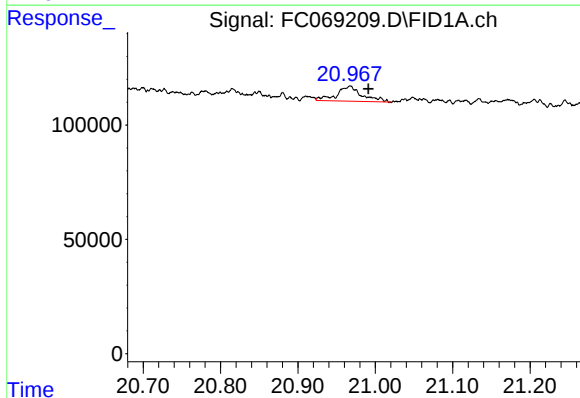
R.T.: 19.456 min
Delta R.T.: -0.019 min
Response: 142691
Conc: 1.48 ug/ml

Instrument :
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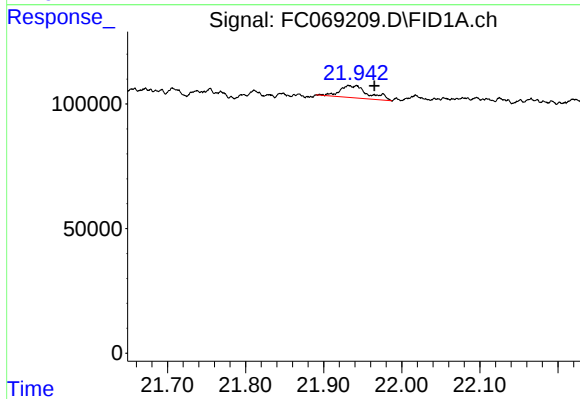
#20 n-Hexatriacontane (C36)

R.T.: 20.194 min
Delta R.T.: -0.024 min
Response: 88817
Conc: 0.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.967 min
Delta R.T.: -0.024 min
Response: 149157
Conc: 1.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.032 min
Response: 122902
Conc: 1.39 ug/ml