

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100725AL\
 Data File : FC069941.D
 Signal(s) : FID1A.ch
 Acq On : 06 Oct 2025 19:19
 Operator : YP/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 07 09:28:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 100725.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 07 09:26:41 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)	11.642	945317	5.846 ug/ml
Spiked Amount 50.000		Recovery =	11.69%
12) S 1-chlorooctadecane (S...	13.077	725060	5.800 ug/ml
Spiked Amount 50.000		Recovery =	11.60%
Target Compounds			
1) T n-Nonane (C9)	3.384	738481	5.711 ug/ml
2) T n-Decane (C10)	4.455	768097	5.680 ug/ml
3) T A~Naphthalene (C11.7)	6.048	858039	5.649 ug/ml
4) T n-Dodecane (C12)	6.477	814407	5.675 ug/ml
5) T A~2-methylnaphthalene...	7.106	839181	5.613 ug/ml
6) T n-Tetradecane (C14)	8.274	834987	5.628 ug/ml
7) T n-Hexadecane (C16)	9.877	890828	5.684 ug/ml
8) T n-Octadecane (C18)	11.320	907348	5.742 ug/ml
10) T n-Eicosane (C20)	12.631	864853	5.851 ug/ml
11) T n-Heneicosane (C21)	13.243	838040	5.867 ug/ml
13) T n-Docosane (C22)	13.831	859000	6.160 ug/ml
14) T n-Tetracosane (C24)	14.934	901906	6.766 ug/ml
15) T n-Hexacosane (C26)	15.957	890282	7.089 ug/ml
16) T n-Octacosane (C28)	16.906	879183	7.446 ug/ml
17) T n-Tricontane (C30)	17.796	882722	7.662 ug/ml
18) T n-Dotriacontane (C32)	18.628	847118	7.852 ug/ml
19) T n-Tetratriacontane (C34)	19.412	720186	7.360 ug/ml
20) T n-Hexatriacontane (C36)	20.152	578690	6.748 ug/ml
21) T n-Octatriacontane (C38)	20.910	500729	6.387 ug/ml
22) T n-Tetracontane (C40)	21.856	450964	6.001 ug/ml

(f)=RT Delta > 1/2 Window

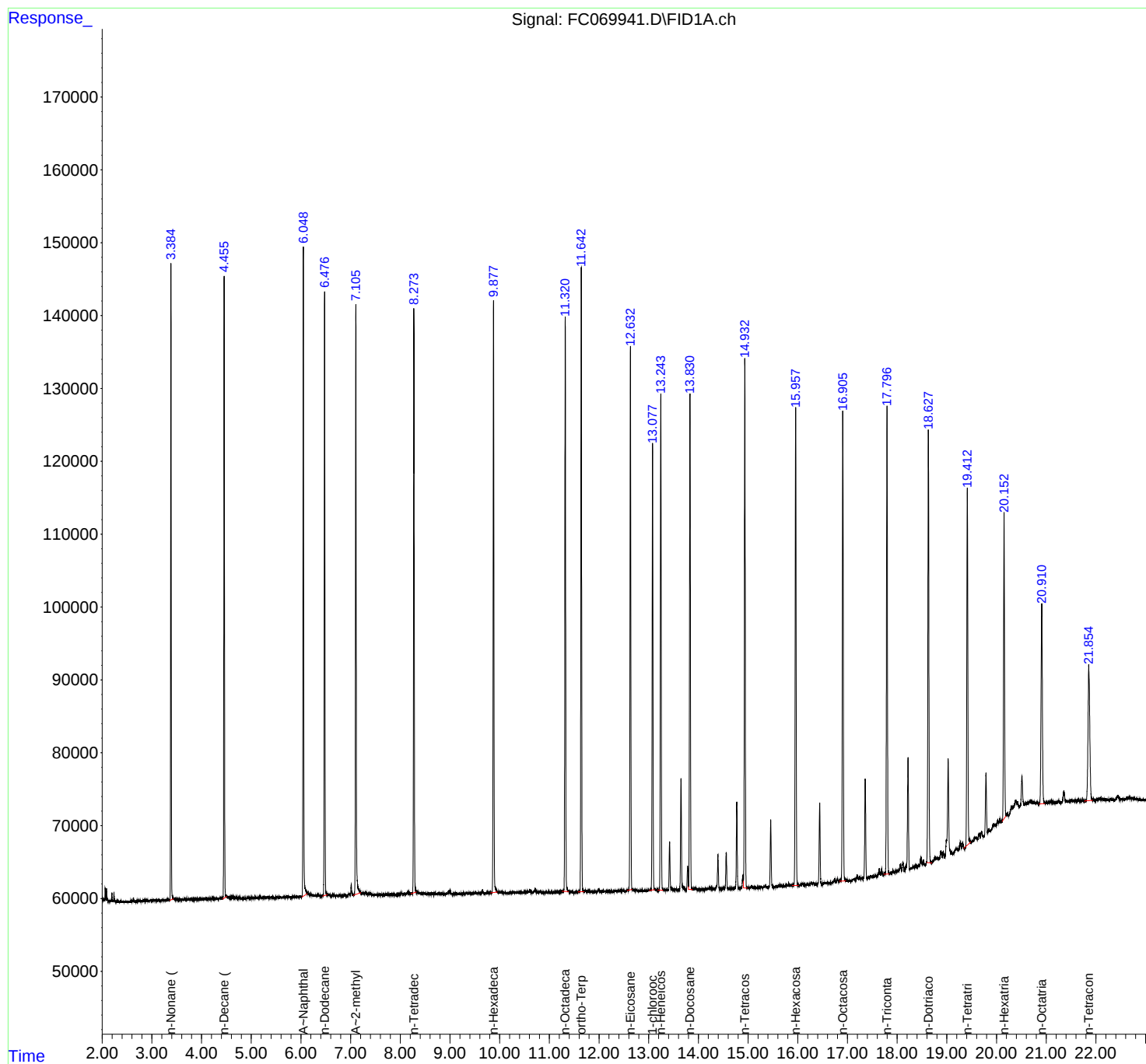
(m)=manual int.

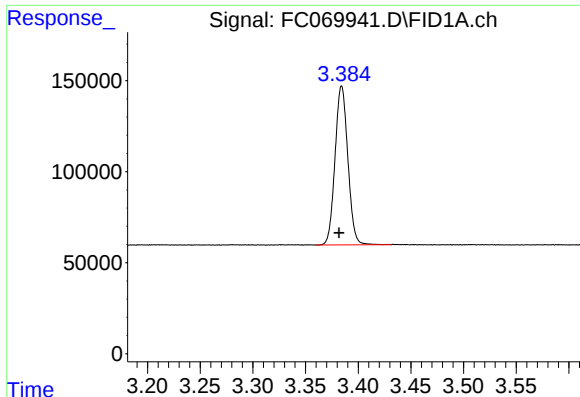
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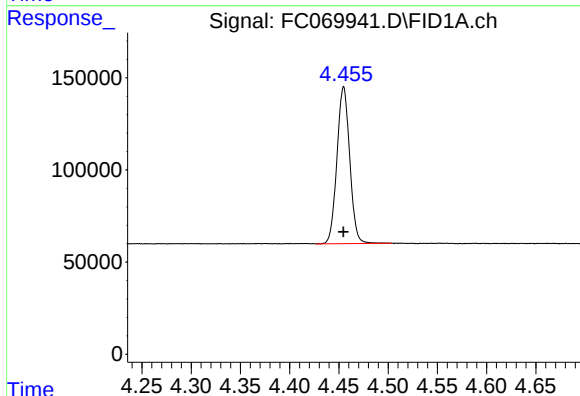




#1 n-Nonane (C9)

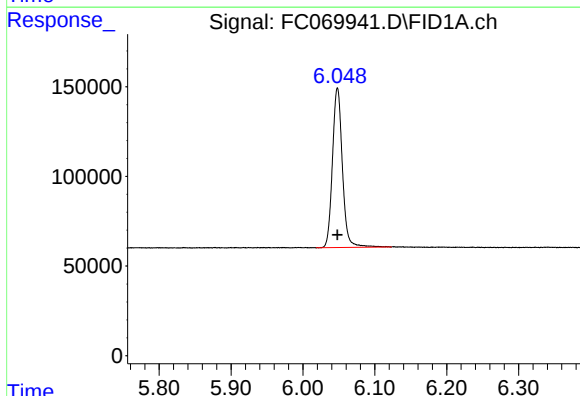
R.T.: 3.384 min
Delta R.T.: 0.002 min
Response: 738481
Conc: 5.71 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



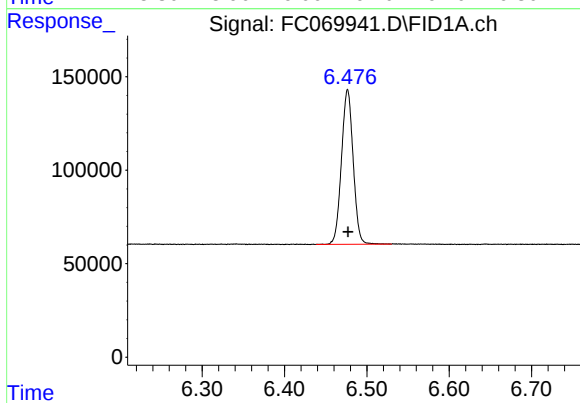
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: 0.000 min
Response: 768097
Conc: 5.68 ug/ml



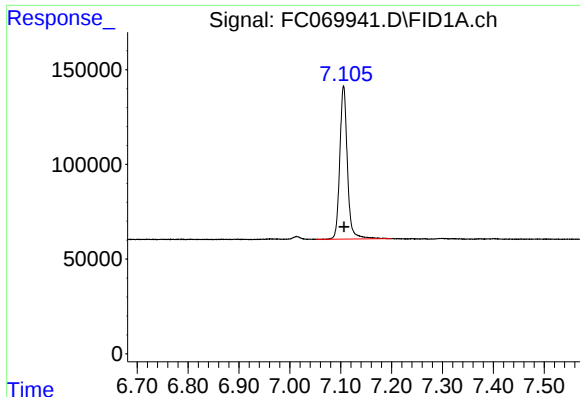
#3 A~Naphthalene (C11.7)

R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 858039
Conc: 5.65 ug/ml



#4 n-Dodecane (C12)

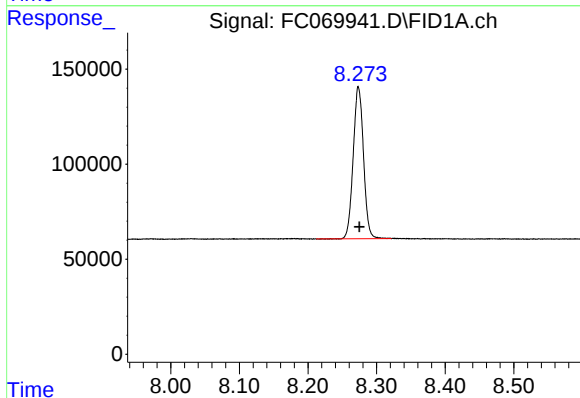
R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 814407
Conc: 5.68 ug/ml



#5 A~2-methylnaphthalene (C12.89)

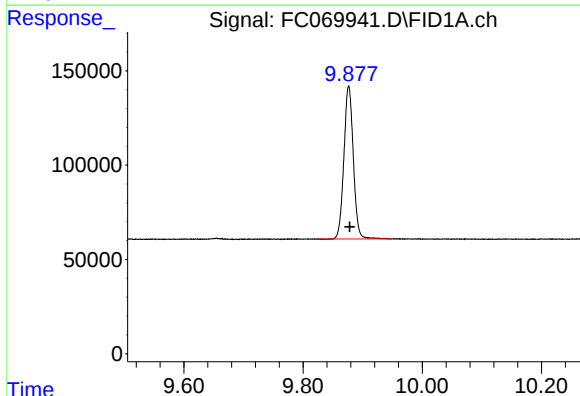
R.T.: 7.106 min
Delta R.T.: 0.000 min
Response: 839181
Conc: 5.61 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



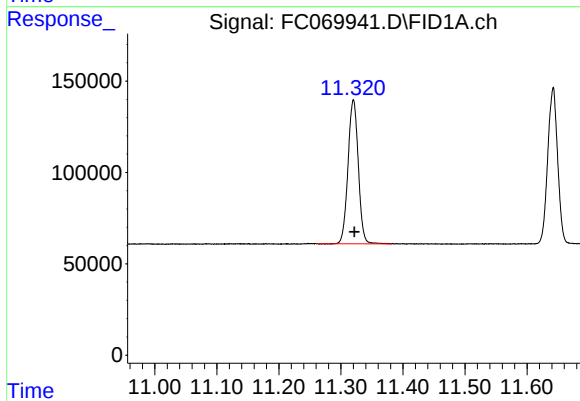
#6 n-Tetradecane (C14)

R.T.: 8.274 min
Delta R.T.: -0.001 min
Response: 834987
Conc: 5.63 ug/ml



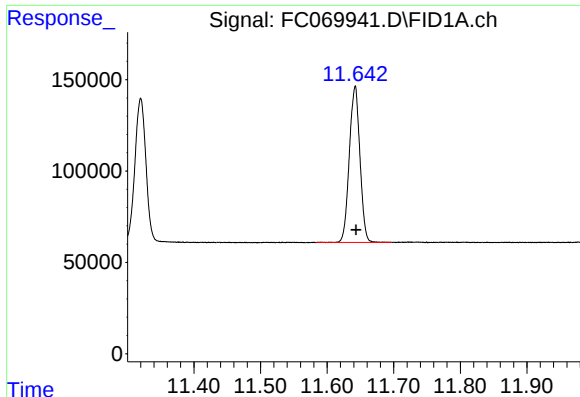
#7 n-Hexadecane (C16)

R.T.: 9.877 min
Delta R.T.: -0.002 min
Response: 890828
Conc: 5.68 ug/ml



#8 n-Octadecane (C18)

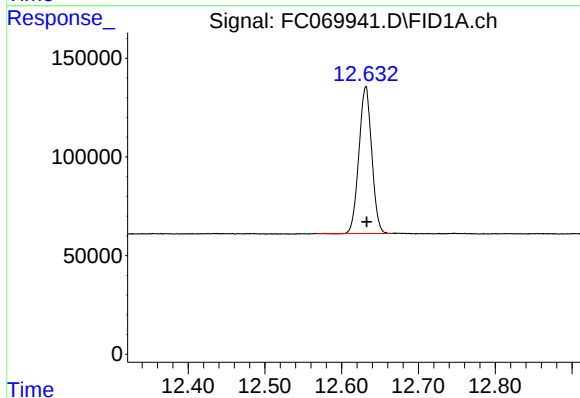
R.T.: 11.320 min
Delta R.T.: -0.002 min
Response: 907348
Conc: 5.74 ug/ml



#9 ortho-Terphenyl (SURR)

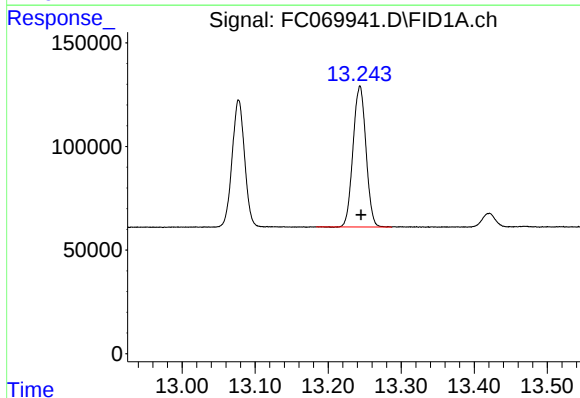
R.T.: 11.642 min
Delta R.T.: -0.002 min
Response: 945317
Conc: 5.85 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



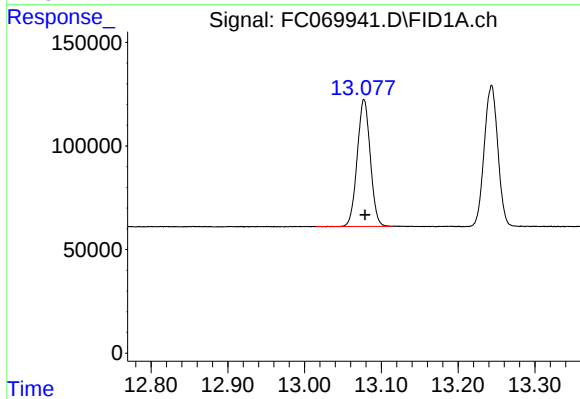
#10 n-Eicosane (C20)

R.T.: 12.631 min
Delta R.T.: -0.001 min
Response: 864853
Conc: 5.85 ug/ml



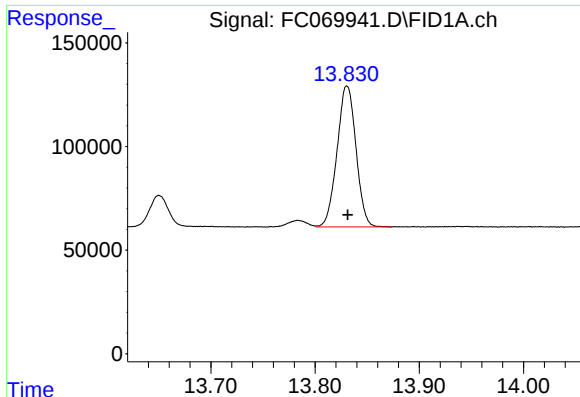
#11 n-Heneicosane (C21)

R.T.: 13.243 min
Delta R.T.: -0.002 min
Response: 838040
Conc: 5.87 ug/ml



#12 1-chlorooctadecane (SURR)

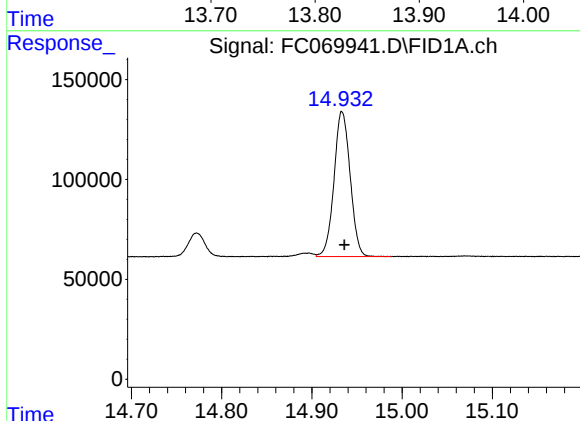
R.T.: 13.077 min
Delta R.T.: -0.002 min
Response: 725060
Conc: 5.80 ug/ml



#13 n-Docosane (C22)

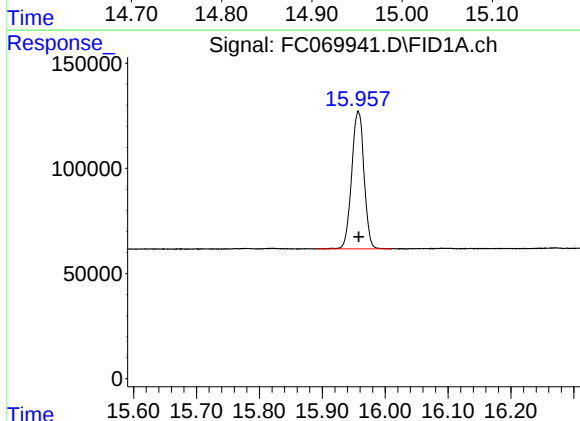
R.T.: 13.831 min
Delta R.T.: 0.000 min
Response: 859000
Conc: 6.16 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



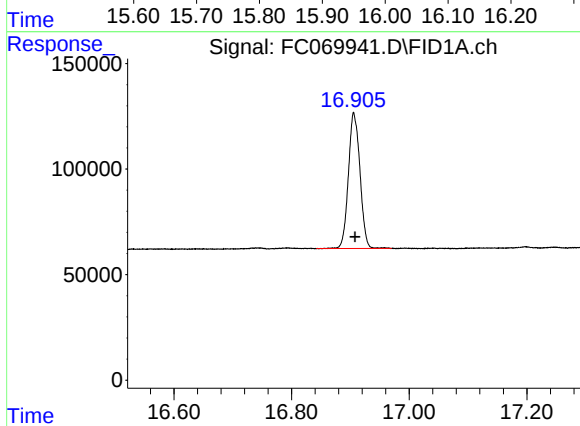
#14 n-Tetracosane (C24)

R.T.: 14.934 min
Delta R.T.: -0.003 min
Response: 901906
Conc: 6.77 ug/ml



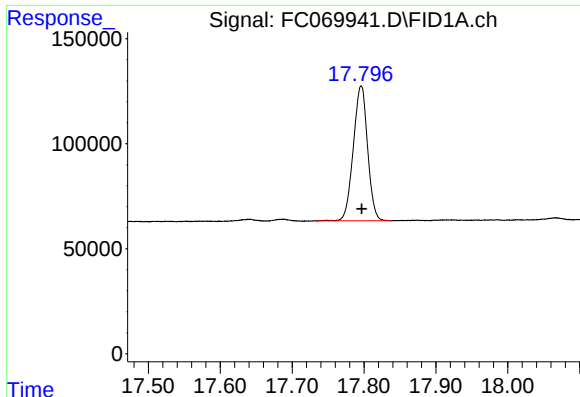
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: 0.000 min
Response: 890282
Conc: 7.09 ug/ml



#16 n-Octacosane (C28)

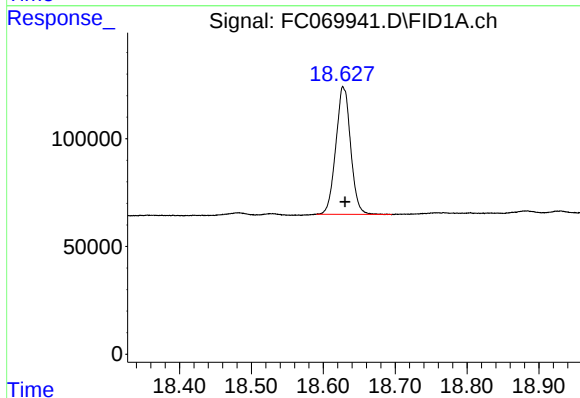
R.T.: 16.906 min
Delta R.T.: -0.002 min
Response: 879183
Conc: 7.45 ug/ml



#17 n-Tricontane (C30)

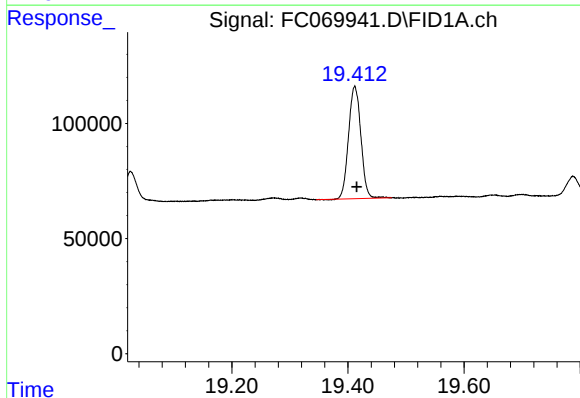
R.T.: 17.796 min
Delta R.T.: -0.001 min
Response: 882722
Conc: 7.66 ug/ml

Instrument :
FID_C
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5 PPM ALIPHATIC HC STD5



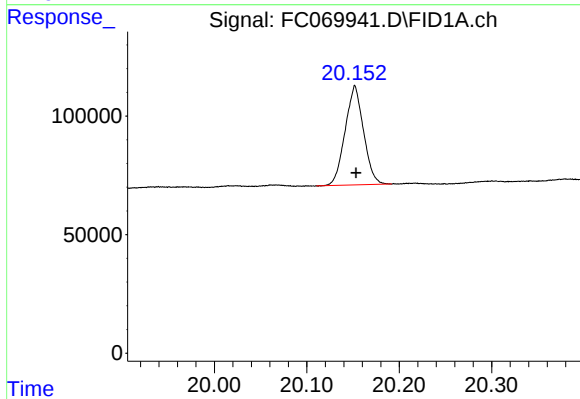
#18 n-Dotriacontane (C32)

R.T.: 18.628 min
Delta R.T.: -0.002 min
Response: 847118
Conc: 7.85 ug/ml



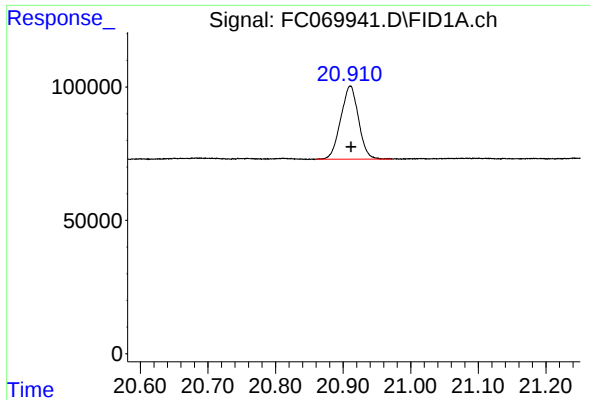
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.003 min
Response: 720186
Conc: 7.36 ug/ml



#20 n-Hexatriacontane (C36)

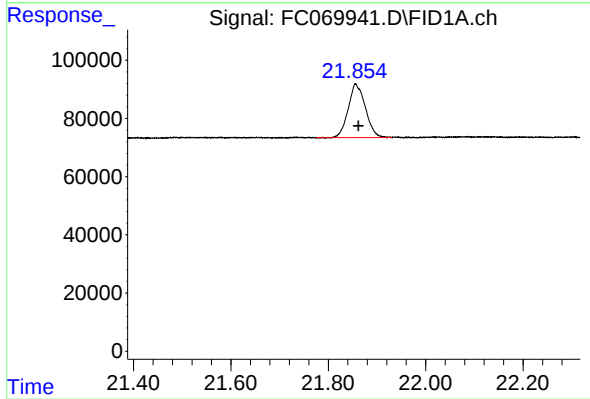
R.T.: 20.152 min
Delta R.T.: -0.001 min
Response: 578690
Conc: 6.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.001 min
Response: 500729
Conc: 6.39 ug/ml

Instrument :
FID_C
ClientSampleId :
5 PPM ALIPHATIC HC STD5



#22 n-Tetracontane (C40)

R.T.: 21.856 min
Delta R.T.: -0.005 min
Response: 450964
Conc: 6.00 ug/ml