

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072425AL\
 Data File : FC069527.D
 Signal(s) : FID1A.ch
 Acq On : 24 Jul 2025 14:21
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 25 01:34:55 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)	11.670	2747006	18.510 ug/ml
Spiked Amount 50.000		Recovery =	37.02%
12) S 1-chlorooctadecane (S...	13.106	2087772	18.474 ug/ml
Spiked Amount 50.000		Recovery =	36.95%
Target Compounds			
1) T n-Nonane (C9)	3.402	2693752	19.795 ug/ml
2) T n-Decane (C10)	4.474	2781194	19.983 ug/ml
3) T A~Naphthalene (C11.7)	6.070	2939257	19.451 ug/ml
4) T n-Dodecane (C12)	6.500	2823518	19.921 ug/ml
5) T A~2-methylnaphthalene...	7.130	2802652	19.184 ug/ml
6) T n-Tetradecane (C14)	8.300	2753155	19.363 ug/ml
7) T n-Hexadecane (C16)	9.903	2767940	18.963 ug/ml
8) T n-Octadecane (C18)	11.348	2685866	18.672 ug/ml
10) T n-Eicosane (C20)	12.660	2481305	18.483 ug/ml
11) T n-Heneicosane (C21)	13.273	2391631	18.412 ug/ml
13) T n-Docosane (C22)	13.859	2344750	18.461 ug/ml
14) T n-Tetracosane (C24)	14.964	2260772	18.523 ug/ml
15) T n-Hexacosane (C26)	15.987	2164825	18.633 ug/ml
16) T n-Octacosane (C28)	16.939	2097290	18.944 ug/ml
17) T n-Tricontane (C30)	17.828	2153000	19.662 ug/ml
18) T n-Dotriacontane (C32)	18.661	2139044	20.613 ug/ml
19) T n-Tetratriacontane (C34)	19.446	1963899	20.842 ug/ml
20) T n-Hexatriacontane (C36)	20.188	1728048	20.921 ug/ml
21) T n-Octatriacontane (C38)	20.954	1556760	20.496 ug/ml
22) T n-Tetracontane (C40)	21.921	1518264	20.728 ug/ml

(f)=RT Delta > 1/2 Window

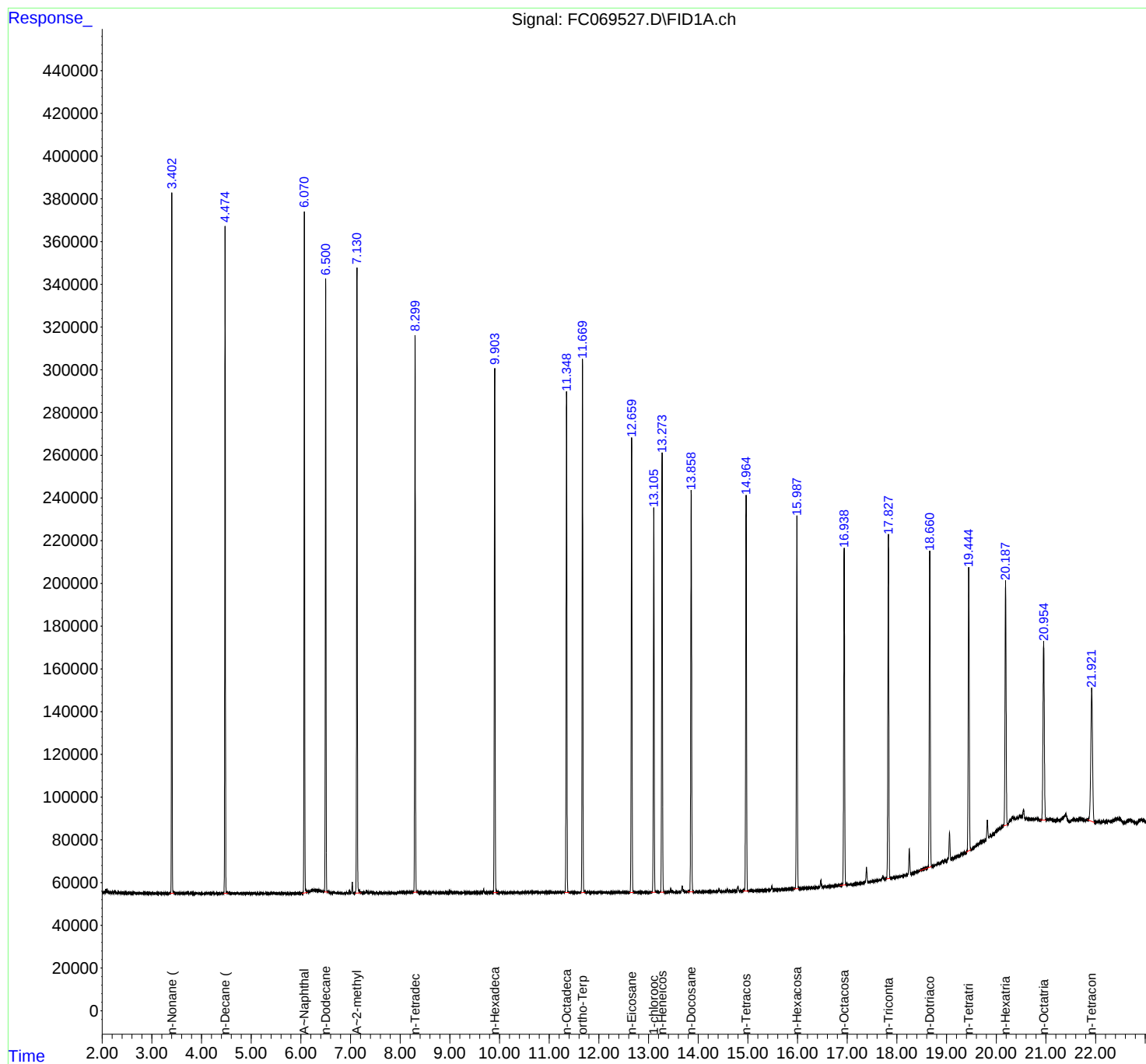
(m)=manual int.

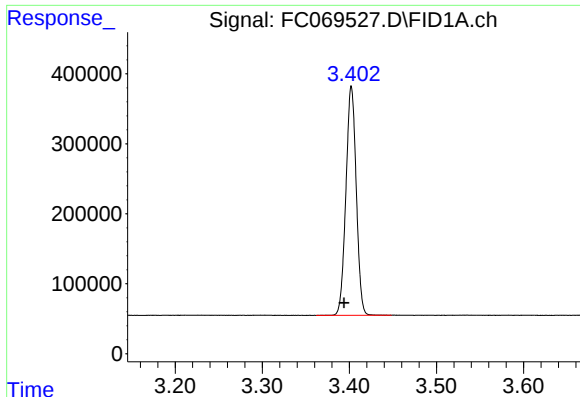
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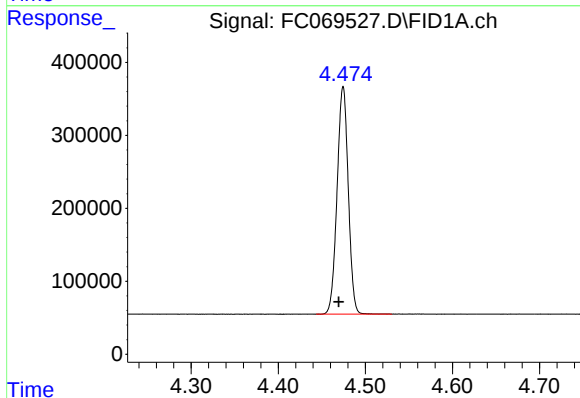




#1 n-Nonane (C9)

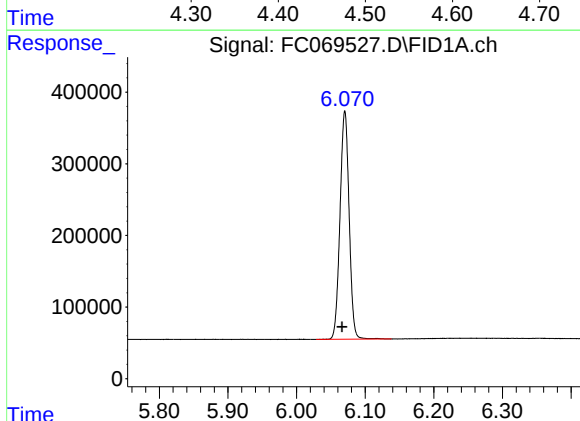
R.T.: 3.402 min
Delta R.T.: 0.008 min
Response: 2693752
Conc: 19.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



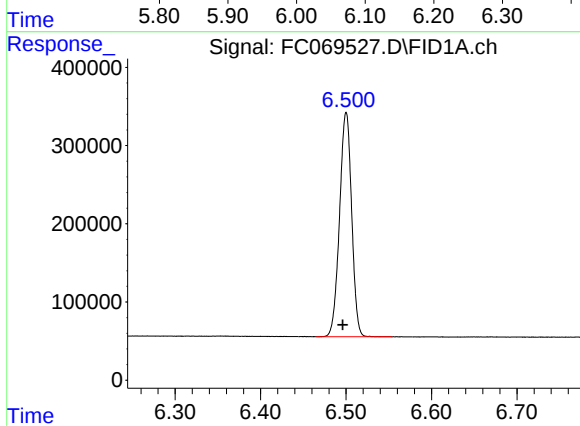
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.005 min
Response: 2781194
Conc: 19.98 ug/ml



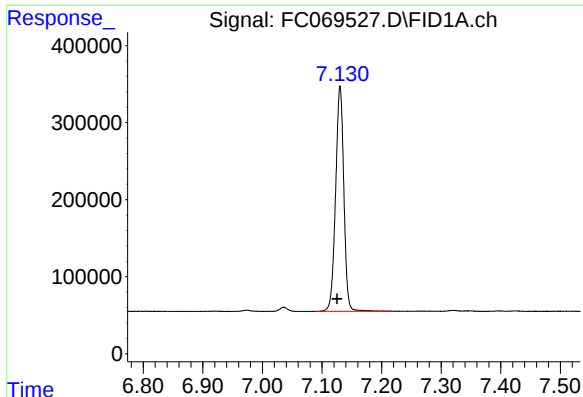
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: 0.004 min
Response: 2939257
Conc: 19.45 ug/ml



#4 n-Dodecane (C12)

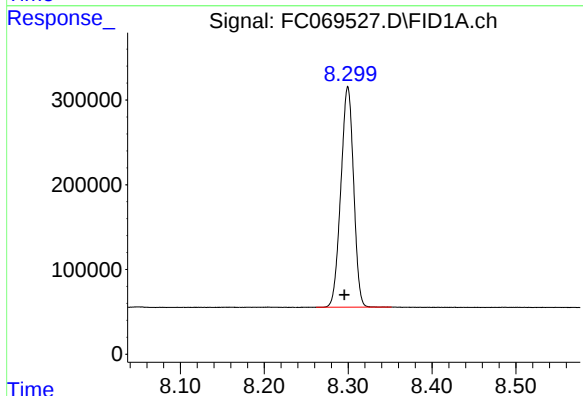
R.T.: 6.500 min
Delta R.T.: 0.004 min
Response: 2823518
Conc: 19.92 ug/ml



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

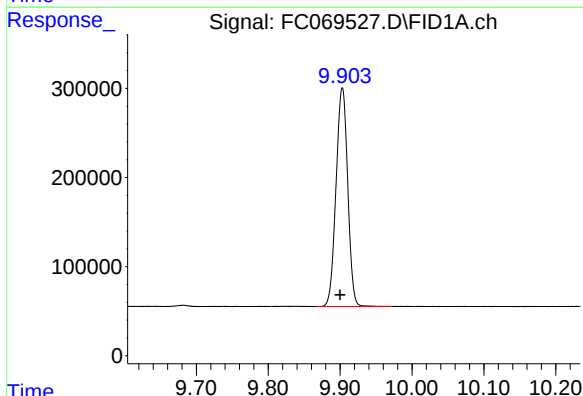
R.T.: 7.130 min
Delta R.T.: 0.005 min
Response: 2802652
Conc: 19.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



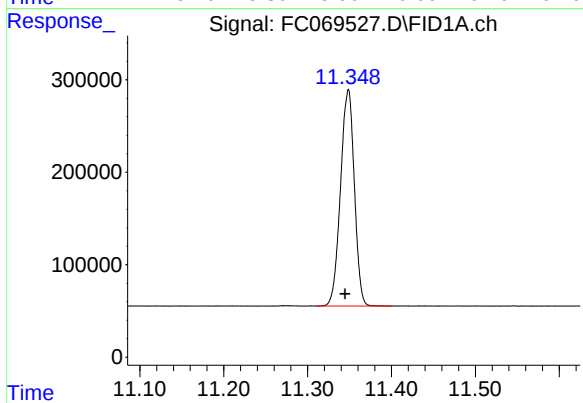
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: 0.004 min
Response: 2753155
Conc: 19.36 ug/ml



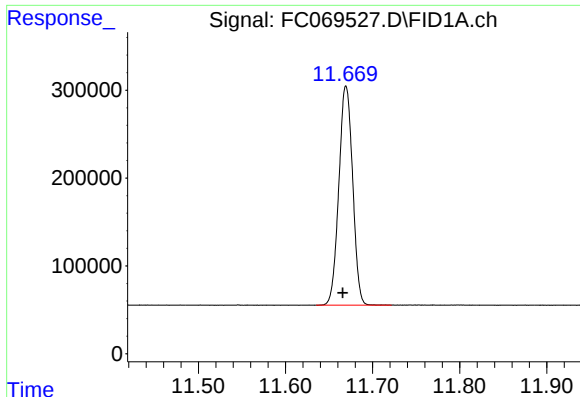
#7 n-Hexadecane (C16)

R.T.: 9.903 min
Delta R.T.: 0.003 min
Response: 2767940
Conc: 18.96 ug/ml



#8 n-Octadecane (C18)

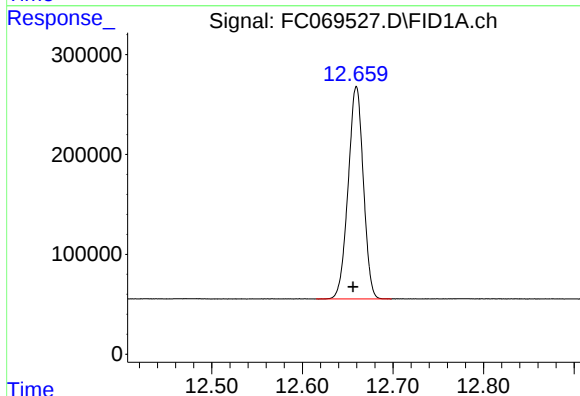
R.T.: 11.348 min
Delta R.T.: 0.003 min
Response: 2685866
Conc: 18.67 ug/ml



#9 ortho-Terphenyl (SURR)

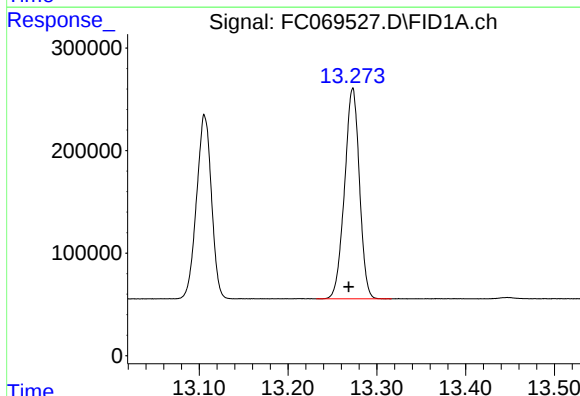
R.T.: 11.670 min
Delta R.T.: 0.004 min
Response: 2747006
Conc: 18.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



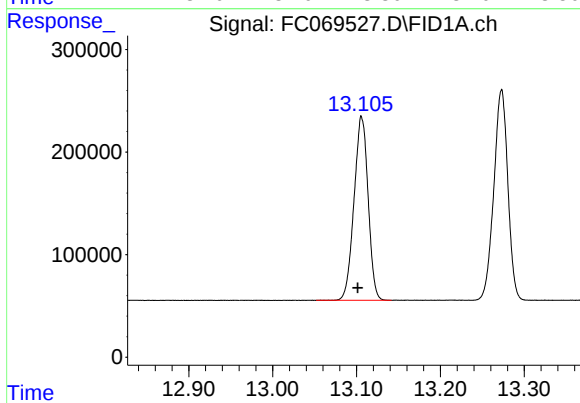
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.004 min
Response: 2481305
Conc: 18.48 ug/ml



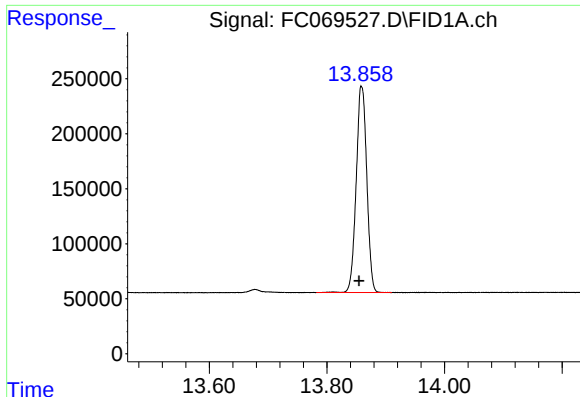
#11 n-Heneicosane (C21)

R.T.: 13.273 min
Delta R.T.: 0.005 min
Response: 2391631
Conc: 18.41 ug/ml



#12 1-chlorooctadecane (SURR)

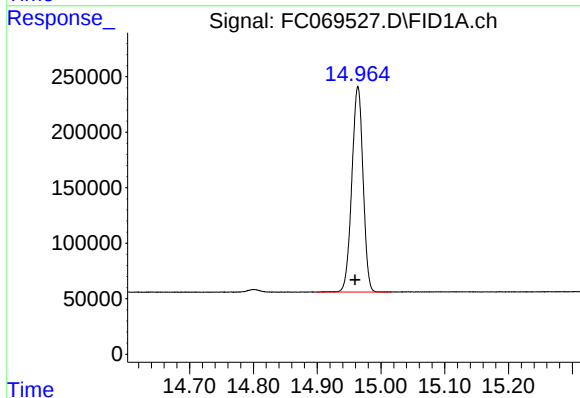
R.T.: 13.106 min
Delta R.T.: 0.005 min
Response: 2087772
Conc: 18.47 ug/ml



#13 n-Docosane (C22)

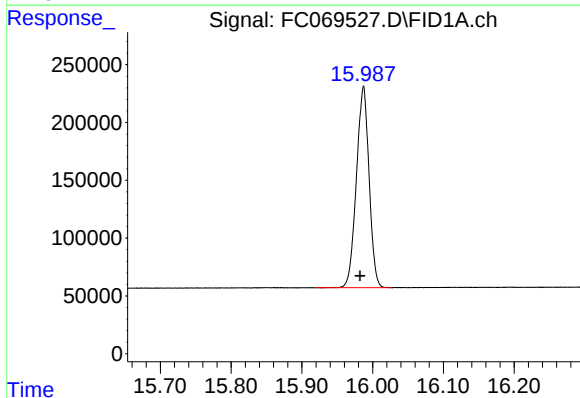
R.T.: 13.859 min
Delta R.T.: 0.004 min
Response: 2344750
Conc: 18.46 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



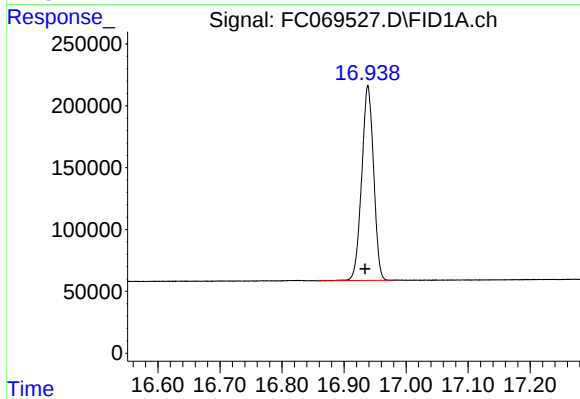
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: 0.004 min
Response: 2260772
Conc: 18.52 ug/ml



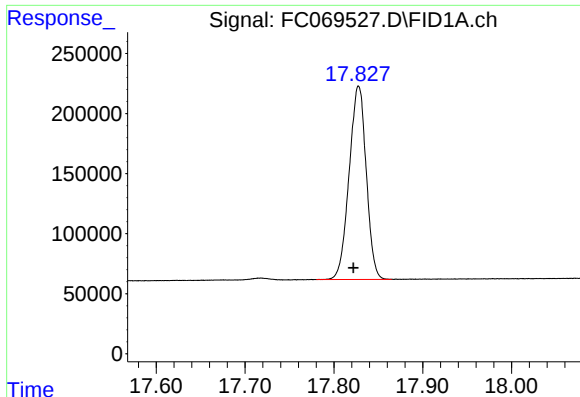
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: 0.005 min
Response: 2164825
Conc: 18.63 ug/ml



#16 n-Octacosane (C28)

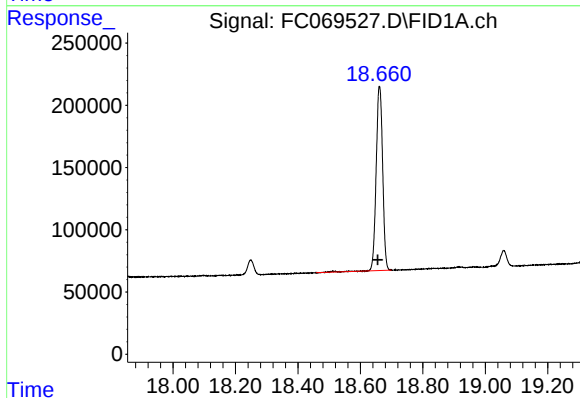
R.T.: 16.939 min
Delta R.T.: 0.005 min
Response: 2097290
Conc: 18.94 ug/ml



#17 n-Tricontane (C30)

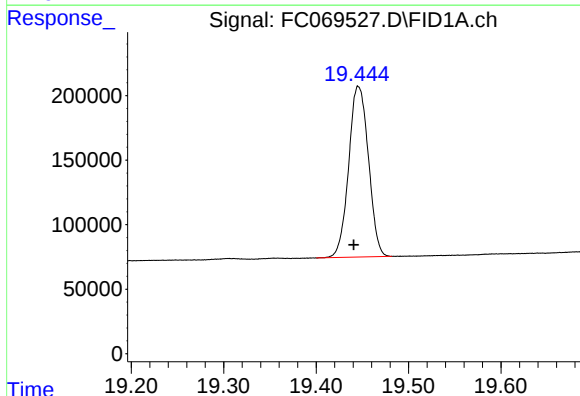
R.T.: 17.828 min
Delta R.T.: 0.006 min
Response: 2153000
Conc: 19.66 ug/ml

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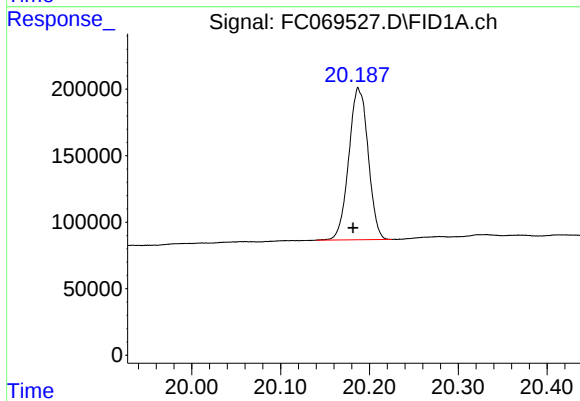
#18 n-Dotriacontane (C32)

R.T.: 18.661 min
Delta R.T.: 0.006 min
Response: 2139044
Conc: 20.61 ug/ml



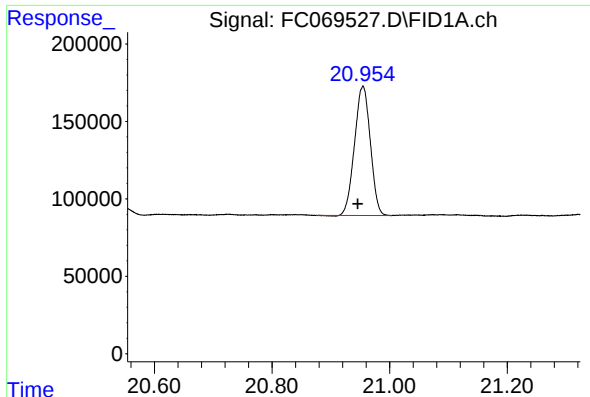
#19 n-Tetratriacontane (C34)

R.T.: 19.446 min
Delta R.T.: 0.005 min
Response: 1963899
Conc: 20.84 ug/ml



#20 n-Hexatriacontane (C36)

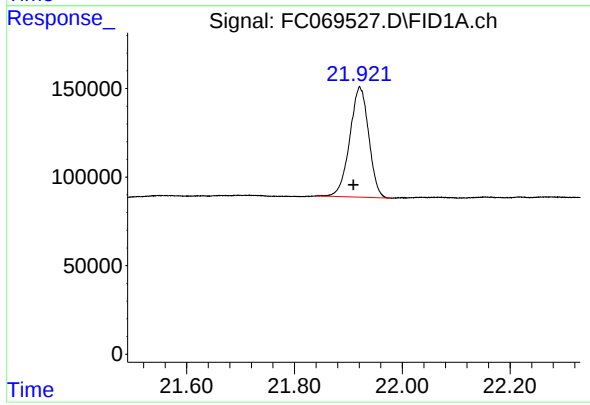
R.T.: 20.188 min
Delta R.T.: 0.006 min
Response: 1728048
Conc: 20.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.954 min
Delta R.T.: 0.008 min
Response: 1556760
Conc: 20.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.921 min
Delta R.T.: 0.012 min
Response: 1518264
Conc: 20.73 ug/ml