

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072525AL\
 Data File : FC069530.D
 Signal(s) : FID1A.ch
 Acq On : 25 Jul 2025 11:32
 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 22:55:37 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)	11.672	2837658	19.121 ug/ml
Spiked Amount 50.000		Recovery =	38.24%
12) S 1-chlorooctadecane (S...	13.108	2152719	19.049 ug/ml
Spiked Amount 50.000		Recovery =	38.10%
Target Compounds			
1) T n-Nonane (C9)	3.403	2749351	20.204 ug/ml
2) T n-Decane (C10)	4.475	2842271	20.421 ug/ml
3) T A~Naphthalene (C11.7)	6.070	3013223	19.941 ug/ml
4) T n-Dodecane (C12)	6.500	2897332	20.442 ug/ml
5) T A~2-methylnaphthalene...	7.131	2879651	19.711 ug/ml
6) T n-Tetradecane (C14)	8.300	2841442	19.984 ug/ml
7) T n-Hexadecane (C16)	9.904	2866622	19.639 ug/ml
8) T n-Octadecane (C18)	11.349	2789098	19.389 ug/ml
10) T n-Eicosane (C20)	12.661	2572936	19.165 ug/ml
11) T n-Heneicosane (C21)	13.274	2480696	19.098 ug/ml
13) T n-Docosane (C22)	13.862	2433866	19.163 ug/ml
14) T n-Tetracosane (C24)	14.966	2332844	19.113 ug/ml
15) T n-Hexacosane (C26)	15.988	2237780	19.261 ug/ml
16) T n-Octacosane (C28)	16.940	2170410	19.604 ug/ml
17) T n-Tricontane (C30)	17.829	2240097	20.458 ug/ml
18) T n-Dotriacontane (C32)	18.664	2222311	21.416 ug/ml
19) T n-Tetratriacontane (C34)	19.449	2045236	21.705 ug/ml
20) T n-Hexatriacontane (C36)	20.190	1793788	21.717 ug/ml
21) T n-Octatriacontane (C38)	20.956	1627467	21.427 ug/ml
22) T n-Tetracontane (C40)	21.924	1540264	21.028 ug/ml

(f)=RT Delta > 1/2 Window

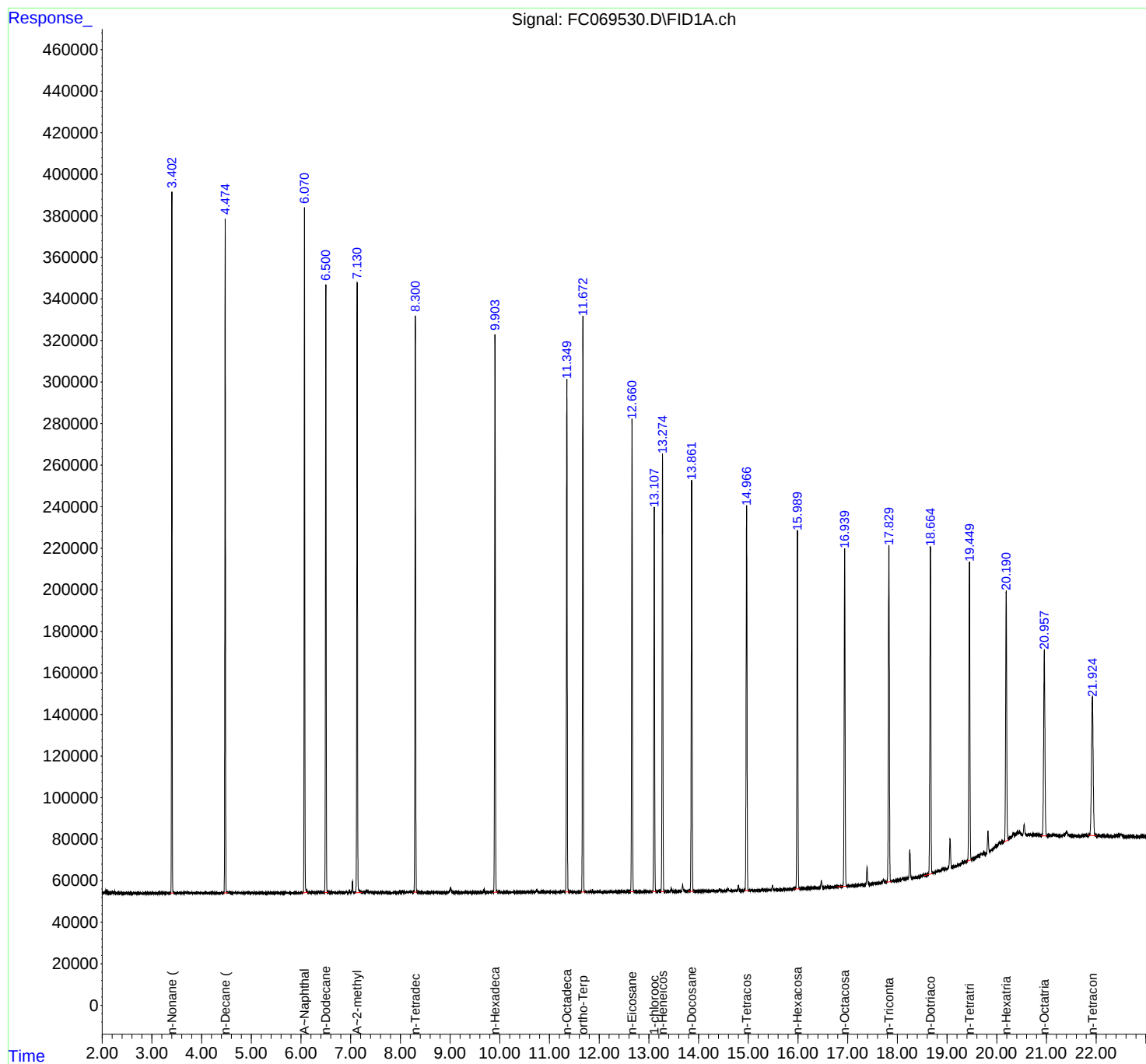
(m)=manual int.

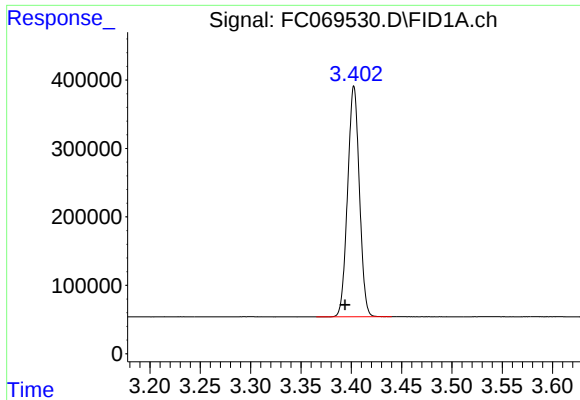
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072525AL\
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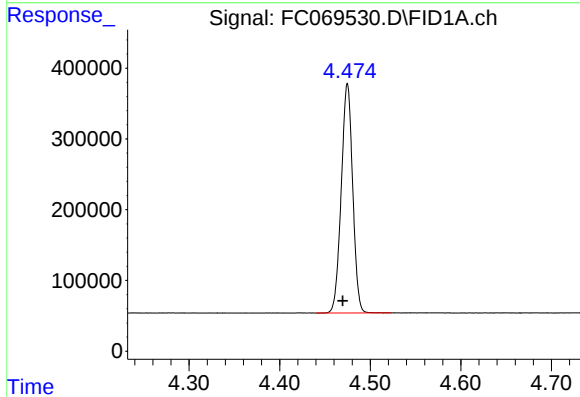




#1 n-Nonane (C9)

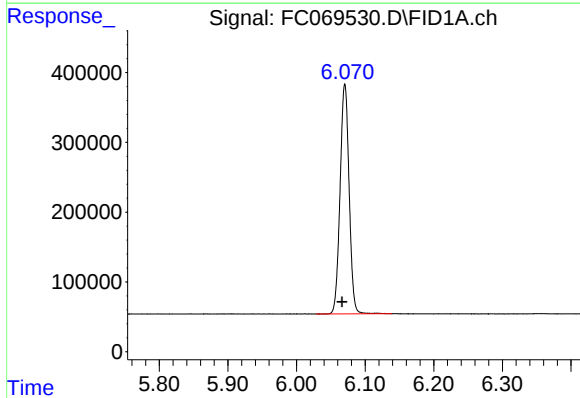
R.T.: 3.403 min
Delta R.T.: 0.009 min
Response: 2749351
Conc: 20.20 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



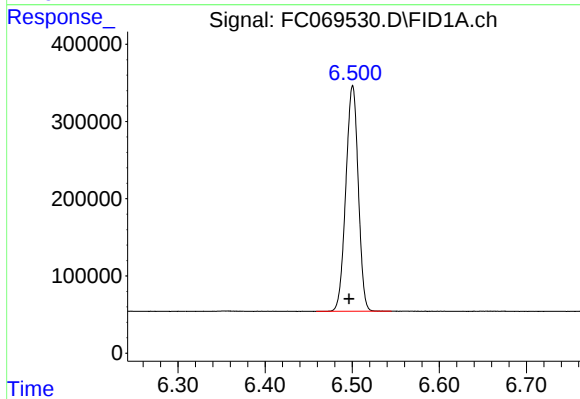
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: 0.005 min
Response: 2842271
Conc: 20.42 ug/ml



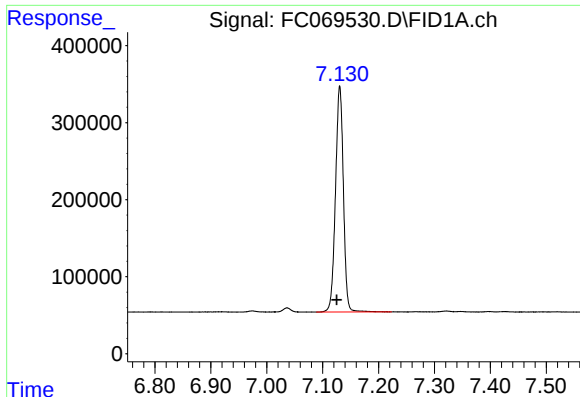
#3 A~Naphthalene (C11.7)

R.T.: 6.070 min
Delta R.T.: 0.004 min
Response: 3013223
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

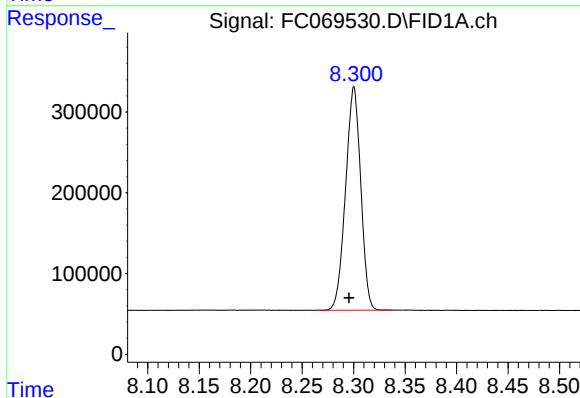
R.T.: 6.500 min
Delta R.T.: 0.004 min
Response: 2897332
Conc: 20.44 ug/ml



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

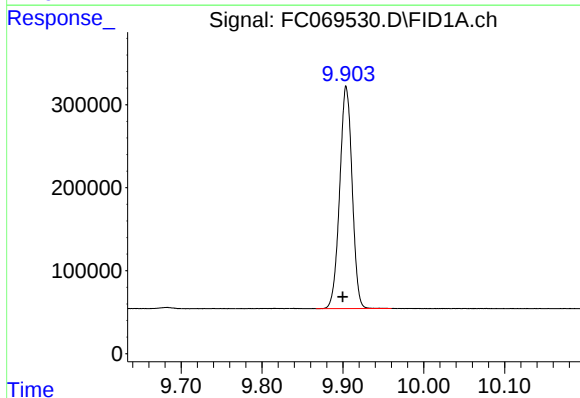
R.T.: 7.131 min
Delta R.T.: 0.005 min
Response: 2879651
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



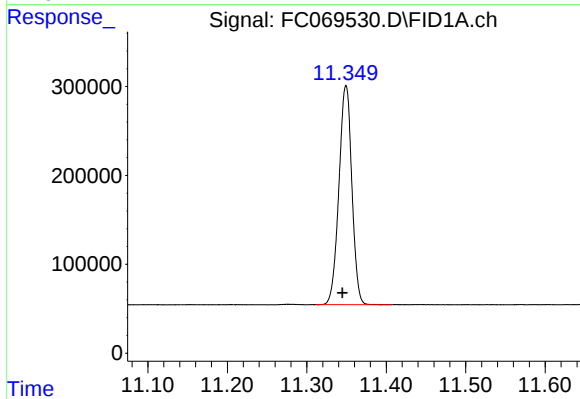
#6 n-Tetradecane (C14)

R.T.: 8.300 min
Delta R.T.: 0.005 min
Response: 2841442
Conc: 19.98 ug/ml



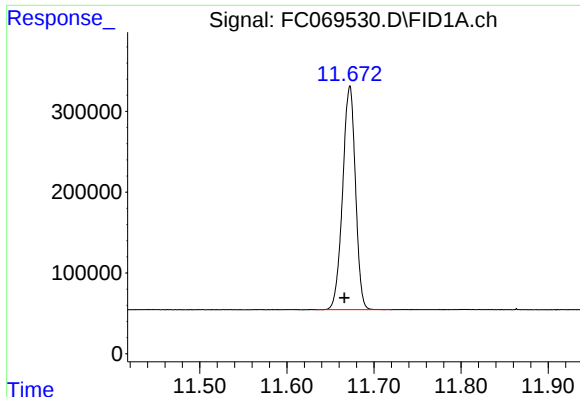
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: 0.004 min
Response: 2866622
Conc: 19.64 ug/ml



#8 n-Octadecane (C18)

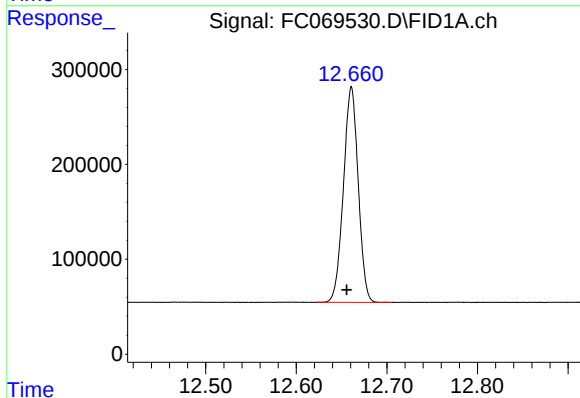
R.T.: 11.349 min
Delta R.T.: 0.004 min
Response: 2789098
Conc: 19.39 ug/ml



#9 ortho-Terphenyl (SURR)

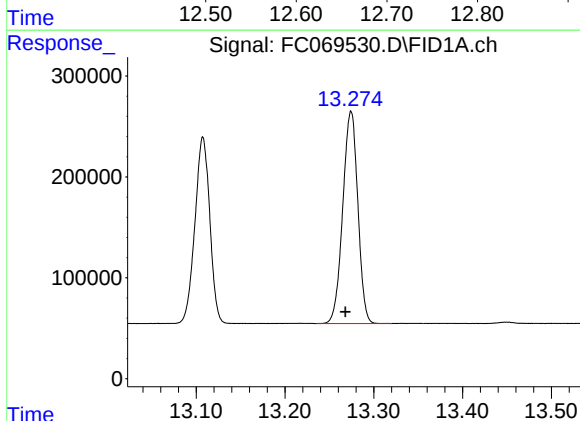
R.T.: 11.672 min
Delta R.T.: 0.006 min
Response: 2837658
Conc: 19.12 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



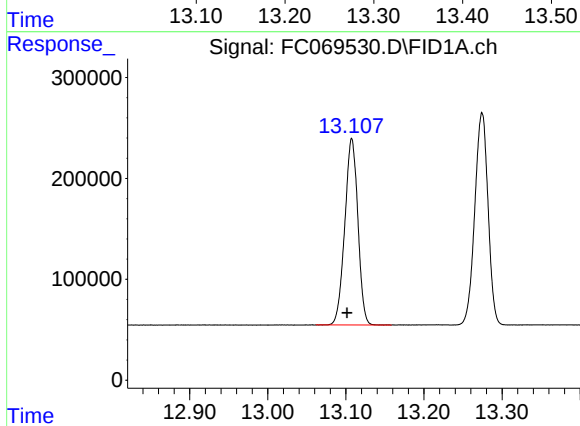
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: 0.005 min
Response: 2572936
Conc: 19.17 ug/ml



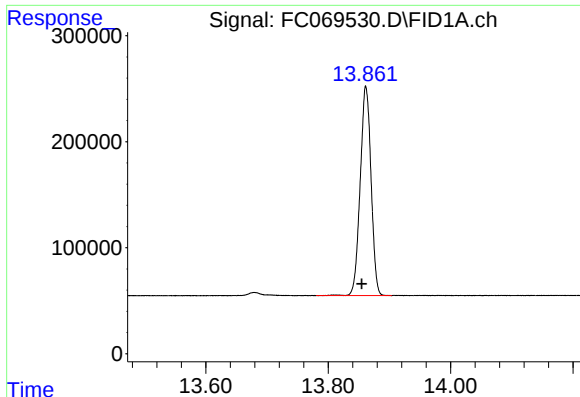
#11 n-Heneicosane (C21)

R.T.: 13.274 min
Delta R.T.: 0.006 min
Response: 2480696
Conc: 19.10 ug/ml



#12 1-chlorooctadecane (SURR)

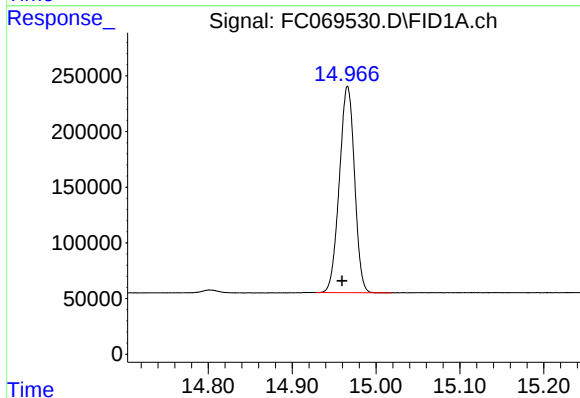
R.T.: 13.108 min
Delta R.T.: 0.006 min
Response: 2152719
Conc: 19.05 ug/ml



#13 n-Docosane (C22)

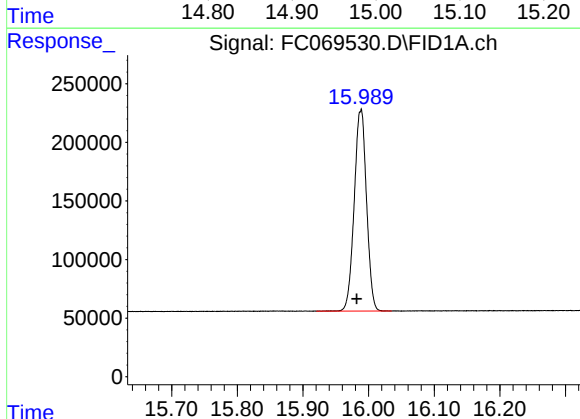
R.T.: 13.862 min
Delta R.T.: 0.007 min
Response: 2433866
Conc: 19.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



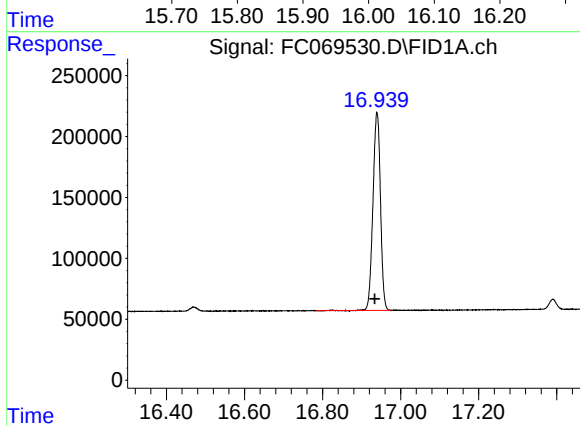
#14 n-Tetracosane (C24)

R.T.: 14.966 min
Delta R.T.: 0.007 min
Response: 2332844
Conc: 19.11 ug/ml



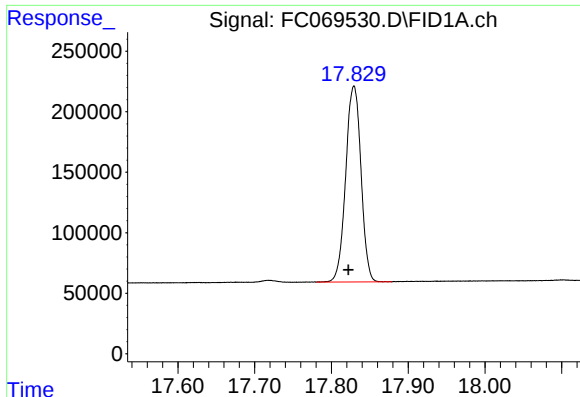
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: 0.006 min
Response: 2237780
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

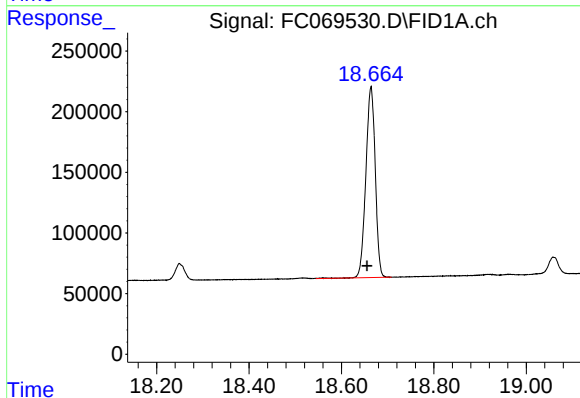
R.T.: 16.940 min
Delta R.T.: 0.006 min
Response: 2170410
Conc: 19.60 ug/ml



#17 n-Tricontane (C30)

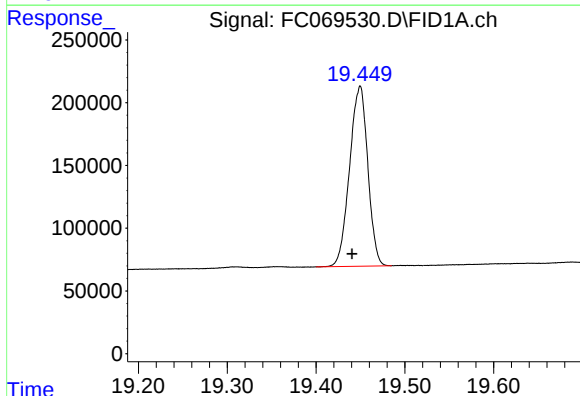
R.T.: 17.829 min
Delta R.T.: 0.007 min
Response: 2240097
Conc: 20.46 ug/ml

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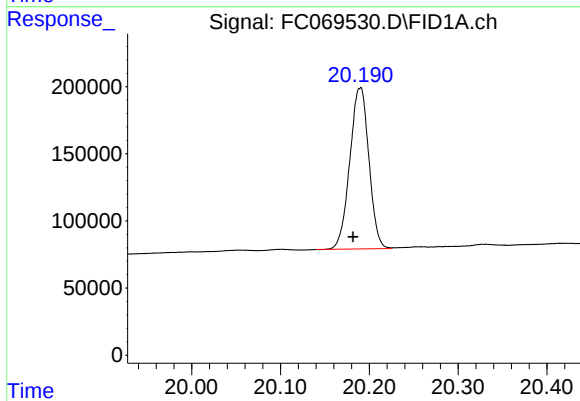
#18 n-Dotriacontane (C32)

R.T.: 18.664 min
Delta R.T.: 0.009 min
Response: 2222311
Conc: 21.42 ug/ml



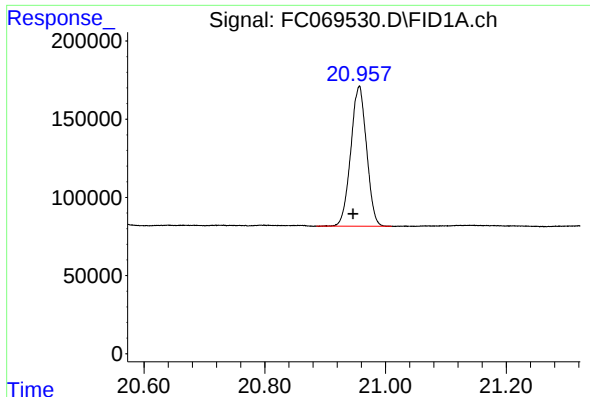
#19 n-Tetratriacontane (C34)

R.T.: 19.449 min
Delta R.T.: 0.008 min
Response: 2045236
Conc: 21.71 ug/ml



#20 n-Hexatriacontane (C36)

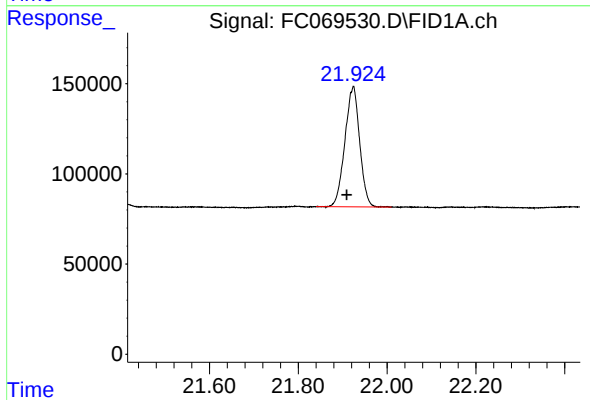
R.T.: 20.190 min
Delta R.T.: 0.008 min
Response: 1793788
Conc: 21.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.956 min
Delta R.T.: 0.010 min
Response: 1627467
Conc: 21.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.924 min
Delta R.T.: 0.014 min
Response: 1540264
Conc: 21.03 ug/ml