

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
 Data File : FC069228.D
 Signal(s) : FID1A.ch
 Acq On : 18 Jun 2025 16:12
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 18 16:33:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 14:24:27 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)	11.680	3239016	18.749 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
12) S 1-chlorooctadecane (S...	13.116	2467230	18.885 ug/ml
Spiked Amount 50.000		Recovery =	37.77%
Target Compounds			
1) T n-Nonane (C9)	3.410	2566002	18.043 ug/ml
2) T n-Decane (C10)	4.482	2642389	18.050 ug/ml
3) T A~Naphthalene (C11.7)	6.077	2922149	18.162 ug/ml
4) T n-Dodecane (C12)	6.507	2741251	18.103 ug/ml
5) T A~2-methylnaphthalene...	7.136	2884853	18.230 ug/ml
6) T n-Tetradecane (C14)	8.307	2849554	18.384 ug/ml
7) T n-Hexadecane (C16)	9.912	3044594	18.631 ug/ml
8) T n-Octadecane (C18)	11.358	3069765	18.802 ug/ml
10) T n-Eicosane (C20)	12.669	2882565	18.885 ug/ml
11) T n-Heneicosane (C21)	13.283	2785021	18.895 ug/ml
13) T n-Docosane (C22)	13.870	2720435	18.907 ug/ml
14) T n-Tetracosane (C24)	14.976	2601008	18.857 ug/ml
15) T n-Hexacosane (C26)	15.998	2461530	18.830 ug/ml
16) T n-Octacosane (C28)	16.950	2308493	18.718 ug/ml
17) T n-Tricontane (C30)	17.839	2226280	18.727 ug/ml
18) T n-Dotriacontane (C32)	18.674	2048282	18.734 ug/ml
19) T n-Tetratriacontane (C34)	19.459	1809971	18.743 ug/ml
20) T n-Hexatriacontane (C36)	20.200	1547033	18.772 ug/ml
21) T n-Octatriacontane (C38)	20.970	1408150	18.843 ug/ml
22) T n-Tetracontane (C40)	21.940	1333301	18.828 ug/ml

(f)=RT Delta > 1/2 Window

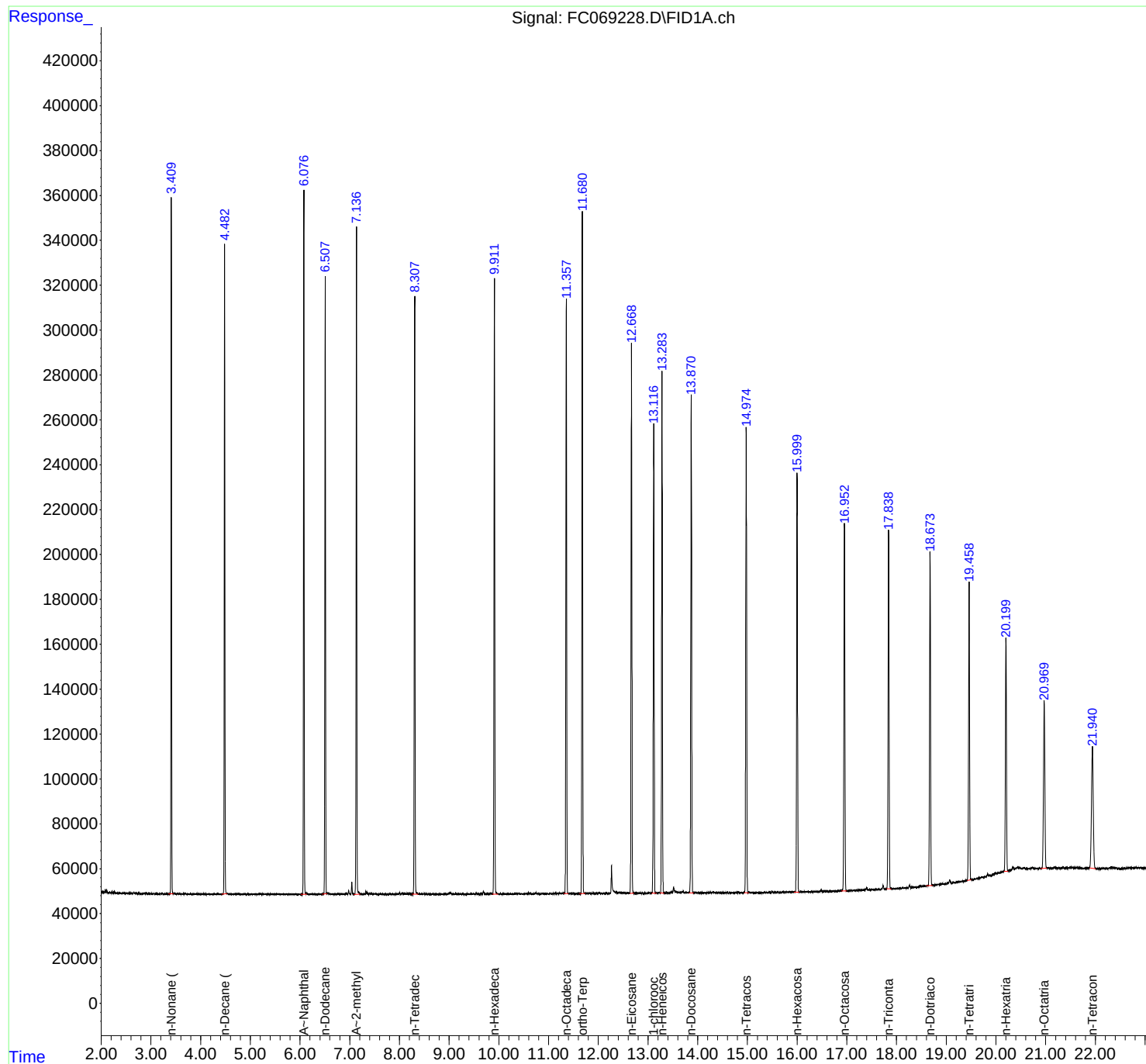
(m)=manual int.

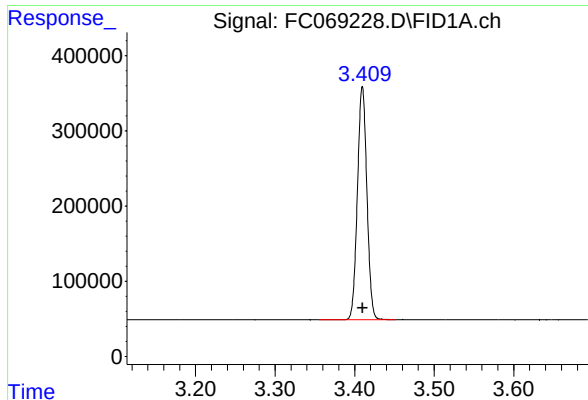
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061825AL\
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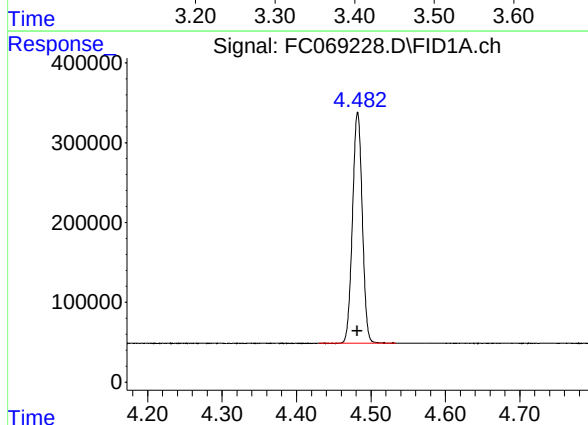




#1 n-Nonane (C9)

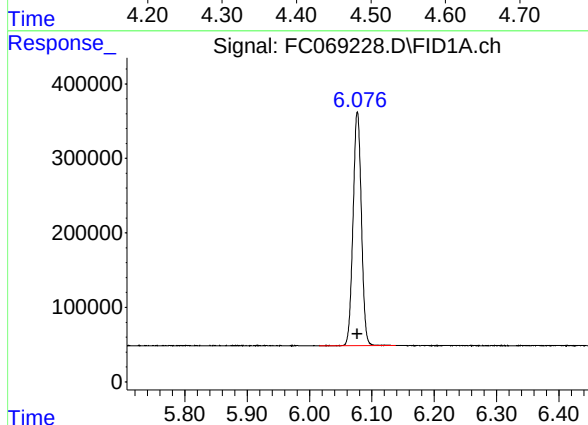
R.T.: 3.410 min
Delta R.T.: 0.000 min
Response: 2566002
Conc: 18.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



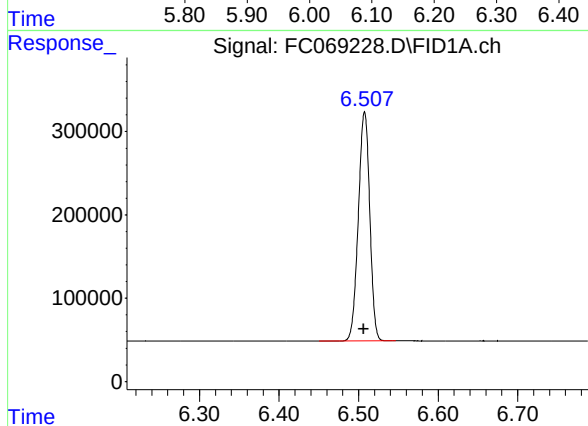
#2 n-Decane (C10)

R.T.: 4.482 min
Delta R.T.: 0.000 min
Response: 2642389
Conc: 18.05 ug/ml



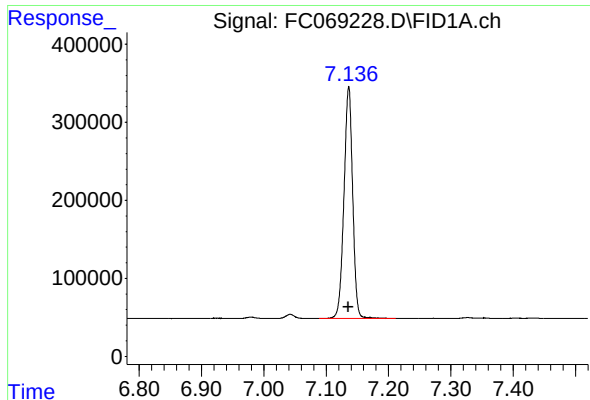
#3 A~Naphthalene (C11.7)

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 2922149
Conc: 18.16 ug/ml



#4 n-Dodecane (C12)

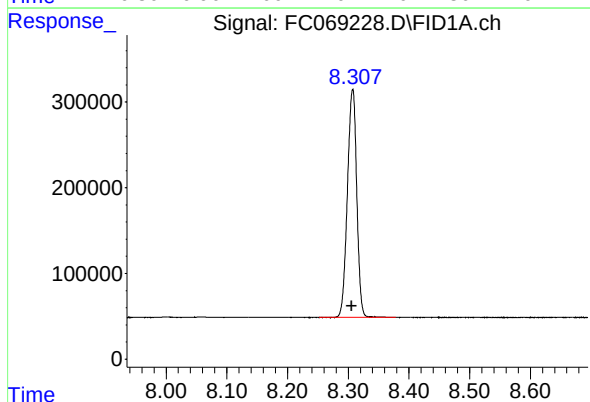
R.T.: 6.507 min
Delta R.T.: 0.001 min
Response: 2741251
Conc: 18.10 ug/ml



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

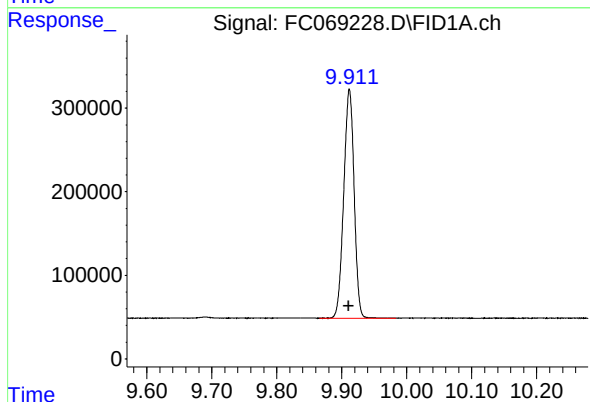
R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 2884853
Conc: 18.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



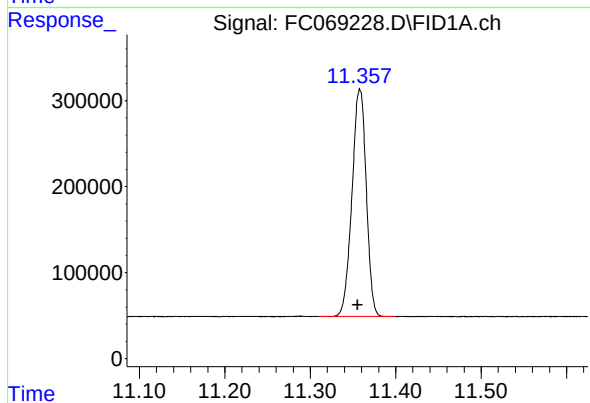
#6 n-Tetradecane (C14)

R.T.: 8.307 min
Delta R.T.: 0.001 min
Response: 2849554
Conc: 18.38 ug/ml



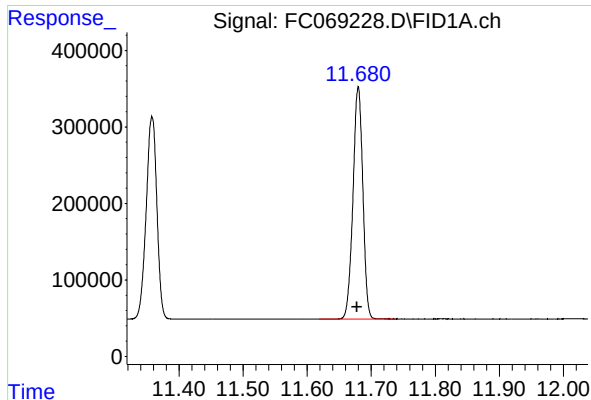
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: 0.001 min
Response: 3044594
Conc: 18.63 ug/ml



#8 n-Octadecane (C18)

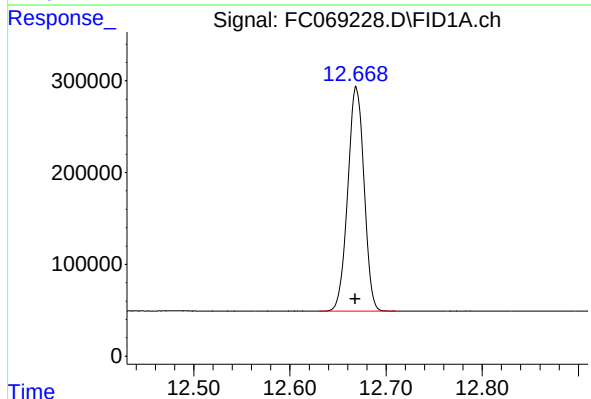
R.T.: 11.358 min
Delta R.T.: 0.002 min
Response: 3069765
Conc: 18.80 ug/ml



#9 ortho-Terphenyl (SURR)

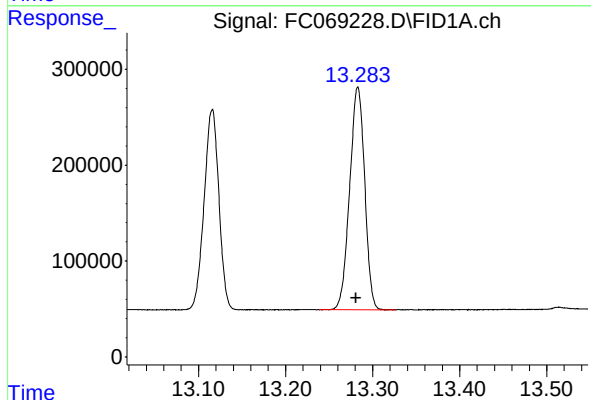
R.T.: 11.680 min
Delta R.T.: 0.002 min
Response: 3239016
Conc: 18.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



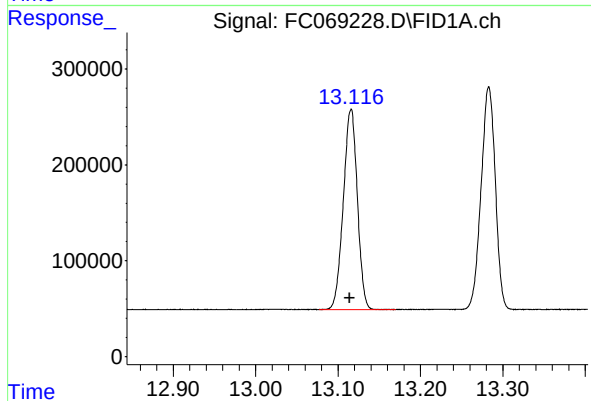
#10 n-Eicosane (C20)

R.T.: 12.669 min
Delta R.T.: 0.001 min
Response: 2882565
Conc: 18.88 ug/ml



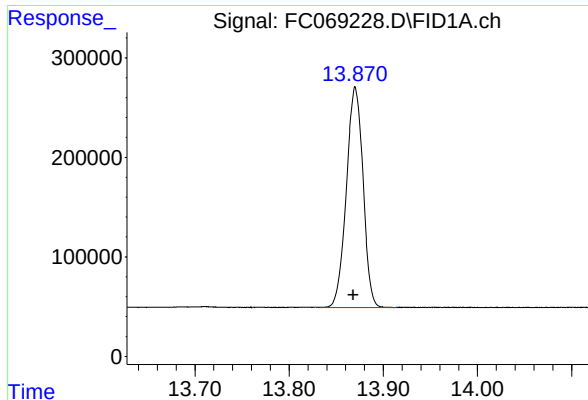
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.002 min
Response: 2785021
Conc: 18.90 ug/ml



#12 1-chlorooctadecane (SURR)

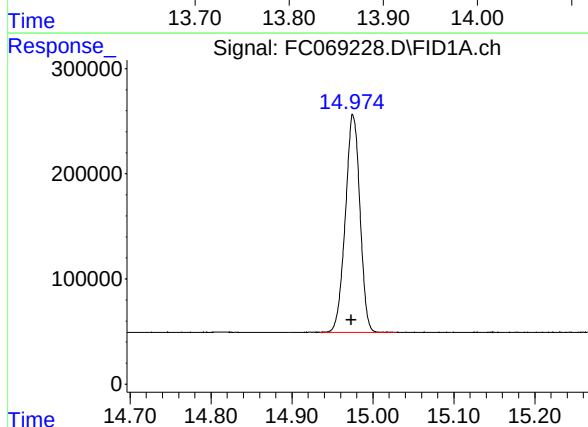
R.T.: 13.116 min
Delta R.T.: 0.001 min
Response: 2467230
Conc: 18.89 ug/ml



#13 n-Docosane (C22)

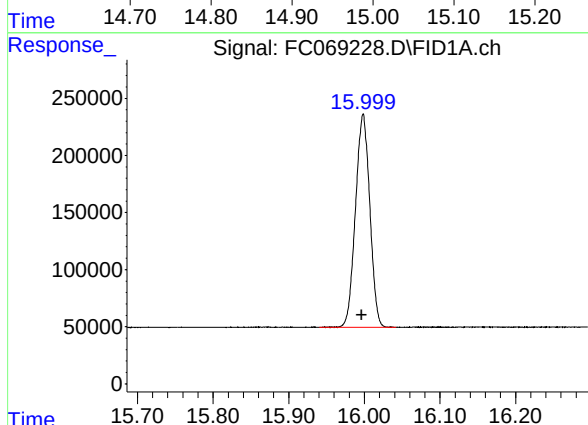
R.T.: 13.870 min
Delta R.T.: 0.002 min
Response: 2720435
Conc: 18.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



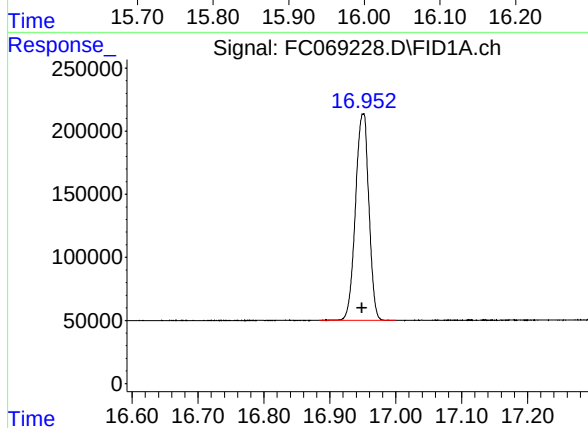
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: 0.002 min
Response: 2601008
Conc: 18.86 ug/ml



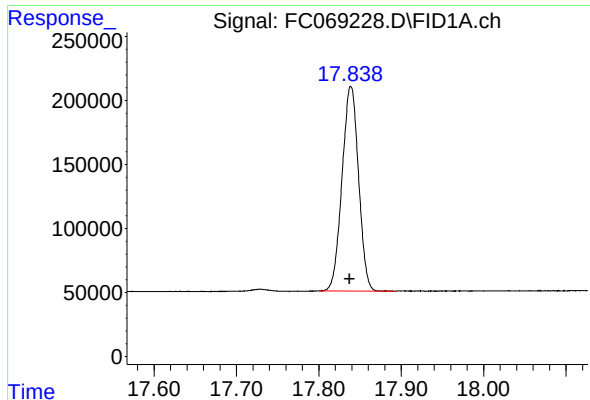
#15 n-Hexacosane (C26)

R.T.: 15.998 min
Delta R.T.: 0.002 min
Response: 2461530
Conc: 18.83 ug/ml



#16 n-Octacosane (C28)

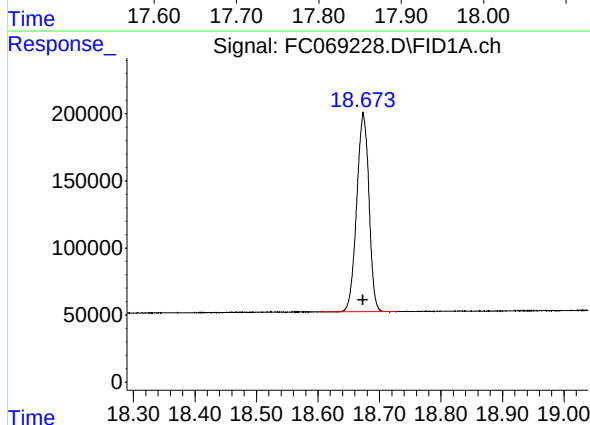
R.T.: 16.950 min
Delta R.T.: 0.002 min
Response: 2308493
Conc: 18.72 ug/ml



#17 n-Tricontane (C30)

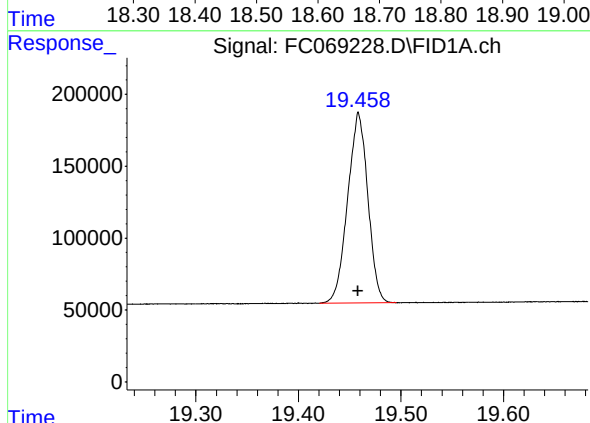
R.T.: 17.839 min
Delta R.T.: 0.001 min
Response: 2226280
Conc: 18.73 ug/ml

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20 PPM ALIPHATIC HC STD



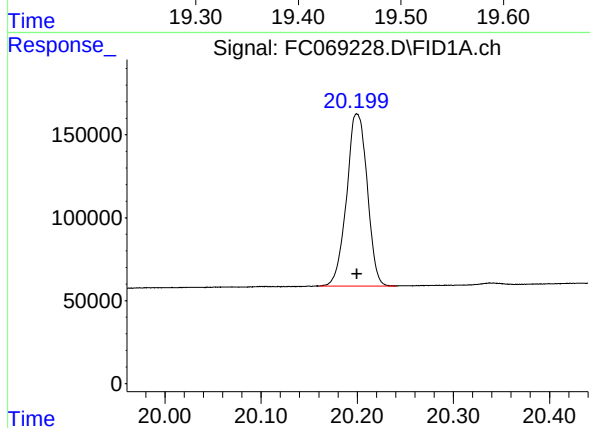
#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: 0.000 min
Response: 2048282
Conc: 18.73 ug/ml



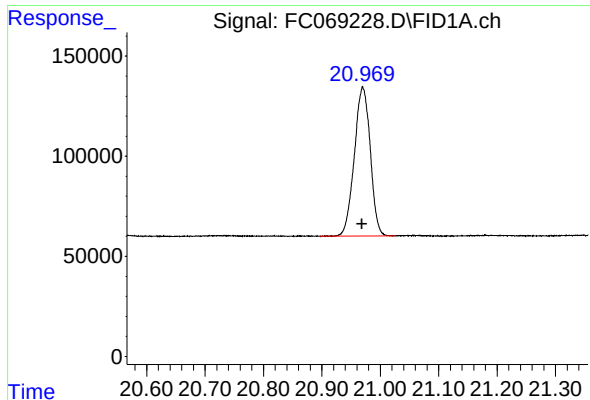
#19 n-Tetatriacontane (C34)

R.T.: 19.459 min
Delta R.T.: 0.000 min
Response: 1809971
Conc: 18.74 ug/ml



#20 n-Hexatriacontane (C36)

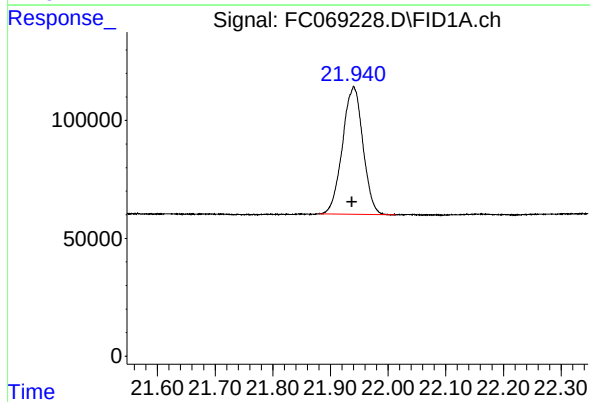
R.T.: 20.200 min
Delta R.T.: 0.000 min
Response: 1547033
Conc: 18.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.970 min
Delta R.T.: 0.001 min
Response: 1408150
Conc: 18.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.940 min
Delta R.T.: 0.003 min
Response: 1333301
Conc: 18.83 ug/ml