

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072825AL\
 Data File : FC069543.D
 Signal(s) : FID1A.ch
 Acq On : 28 Jul 2025 12:24
 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 28 13:48:46 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)	11.674	2955953	19.918 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
12) S 1-chlorooctadecane (S...	13.109	2204065	19.503 ug/ml
Spiked Amount 50.000		Recovery =	39.01%
Target Compounds			
1) T n-Nonane (C9)	3.403	2720460	19.991 ug/ml
2) T n-Decane (C10)	4.476	2807886	20.174 ug/ml
3) T A~Naphthalene (C11.7)	6.072	3013712	19.944 ug/ml
4) T n-Dodecane (C12)	6.502	2849634	20.105 ug/ml
5) T A~2-methylnaphthalene...	7.132	2885348	19.750 ug/ml
6) T n-Tetradecane (C14)	8.302	2821526	19.844 ug/ml
7) T n-Hexadecane (C16)	9.906	2882696	19.750 ug/ml
8) T n-Octadecane (C18)	11.352	2846485	19.788 ug/ml
10) T n-Eicosane (C20)	12.663	2654787	19.775 ug/ml
11) T n-Heneicosane (C21)	13.276	2571068	19.794 ug/ml
13) T n-Docosane (C22)	13.864	2532518	19.940 ug/ml
14) T n-Tetracosane (C24)	14.968	2472243	20.256 ug/ml
15) T n-Hexacosane (C26)	15.991	2358207	20.298 ug/ml
16) T n-Octacosane (C28)	16.943	2288928	20.674 ug/ml
17) T n-Tricontane (C30)	17.832	2369092	21.636 ug/ml
18) T n-Dotriacontane (C32)	18.667	2354113	22.686 ug/ml
19) T n-Tetratriacontane (C34)	19.451	2130590	22.611 ug/ml
20) T n-Hexatriacontane (C36)	20.194	1808392	21.894 ug/ml
21) T n-Octatriacontane (C38)	20.961	1671350	22.005 ug/ml
22) T n-Tetracontane (C40)	21.929	1505804	20.557 ug/ml

(f)=RT Delta > 1/2 Window

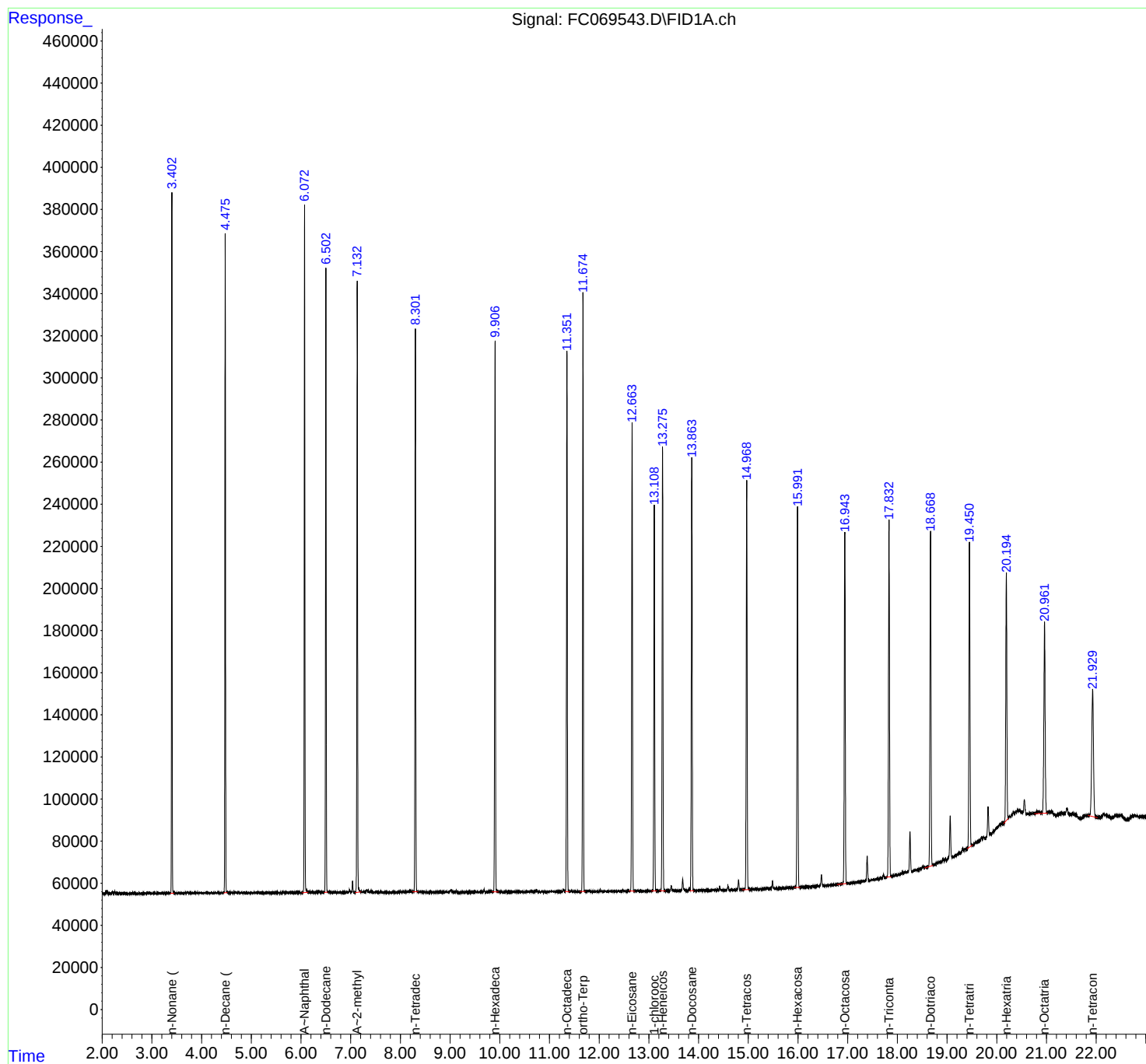
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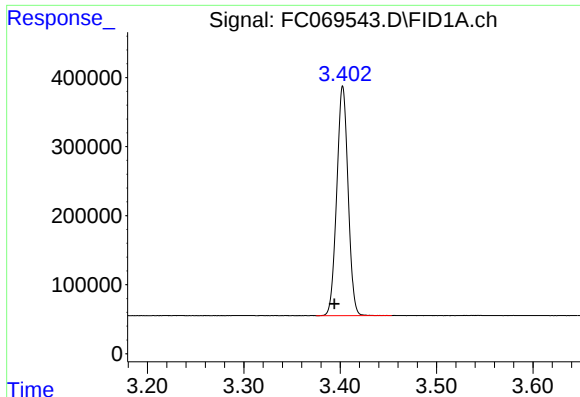
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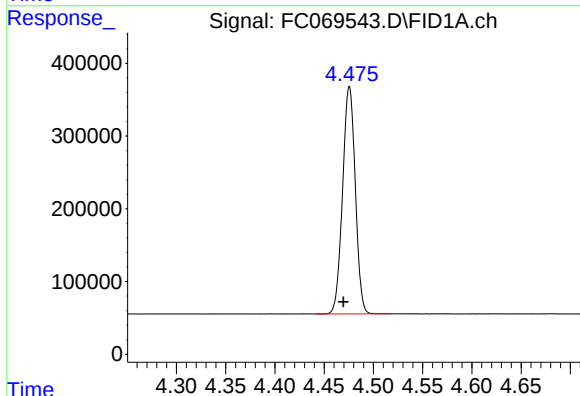




#1 n-Nonane (C9)

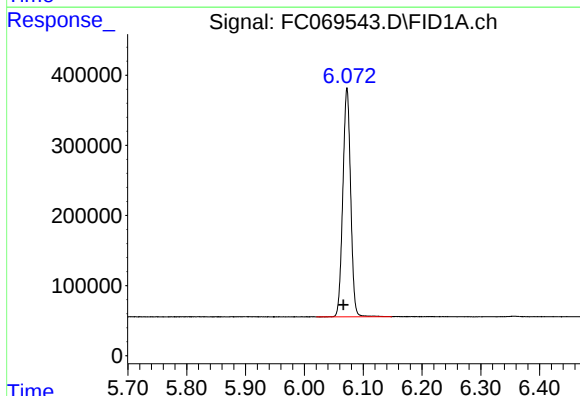
R.T.: 3.403 min
Delta R.T.: 0.009 min
Response: 2720460
Conc: 19.99 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



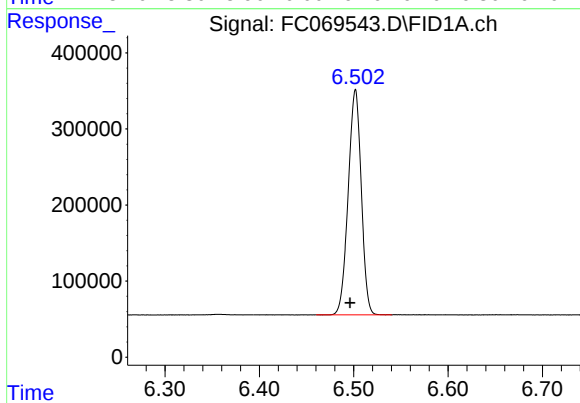
#2 n-Decane (C10)

R.T.: 4.476 min
Delta R.T.: 0.006 min
Response: 2807886
Conc: 20.17 ug/ml



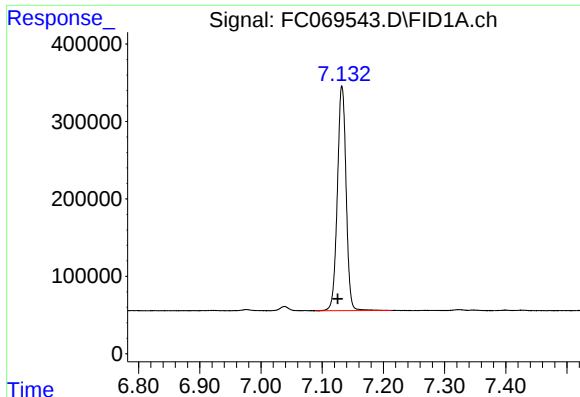
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.006 min
Response: 3013712
Conc: 19.94 ug/ml



#4 n-Dodecane (C12)

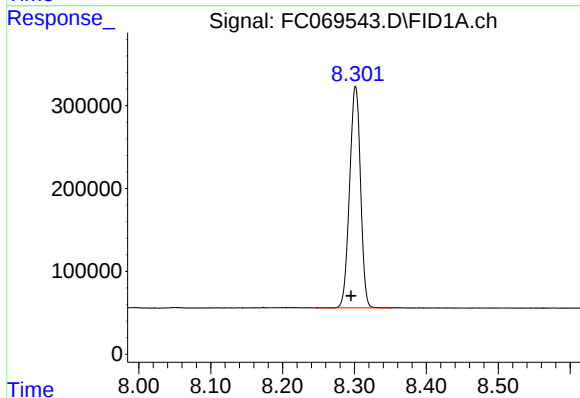
R.T.: 6.502 min
Delta R.T.: 0.005 min
Response: 2849634
Conc: 20.11 ug/ml



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

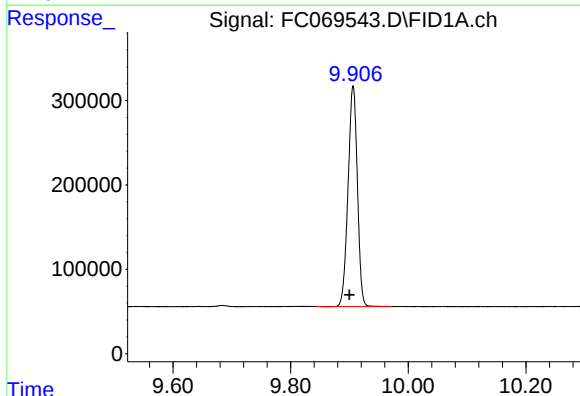
R.T.: 7.132 min
Delta R.T.: 0.007 min
Response: 2885348
Conc: 19.75 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



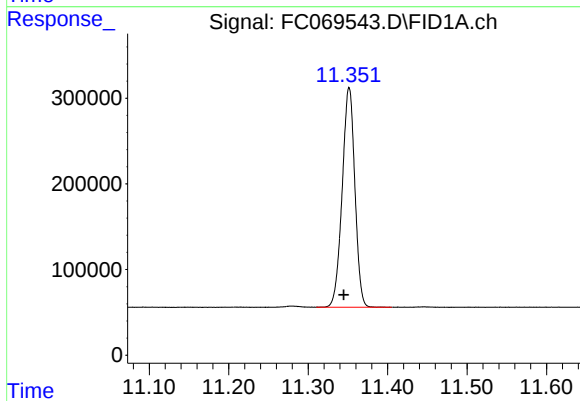
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: 0.006 min
Response: 2821526
Conc: 19.84 ug/ml



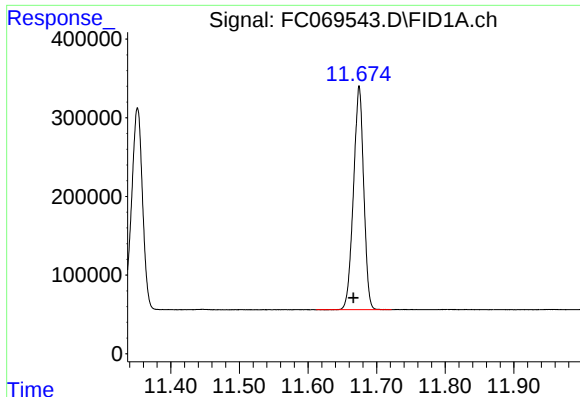
#7 n-Hexadecane (C16)

R.T.: 9.906 min
Delta R.T.: 0.006 min
Response: 2882696
Conc: 19.75 ug/ml



#8 n-Octadecane (C18)

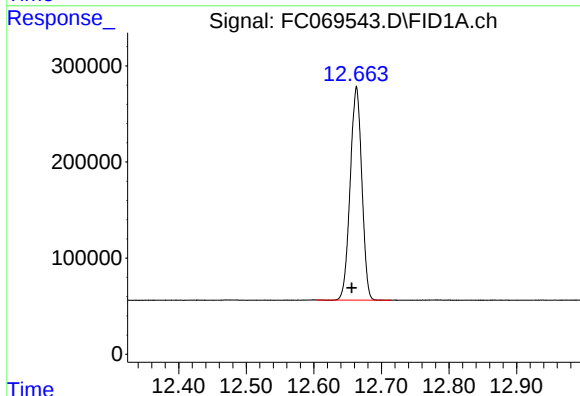
R.T.: 11.352 min
Delta R.T.: 0.007 min
Response: 2846485
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

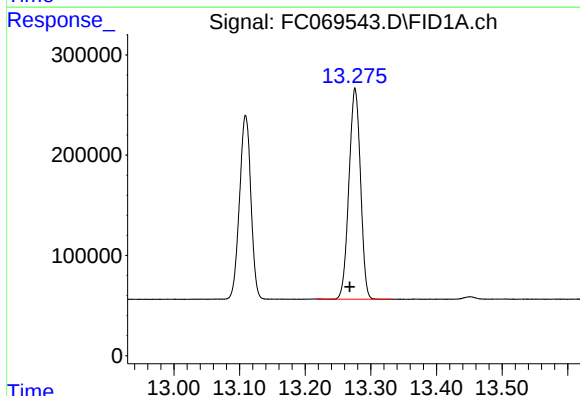
R.T.: 11.674 min
Delta R.T.: 0.009 min
Response: 2955953
Conc: 19.92 ug/ml

Instrument :
FID_C
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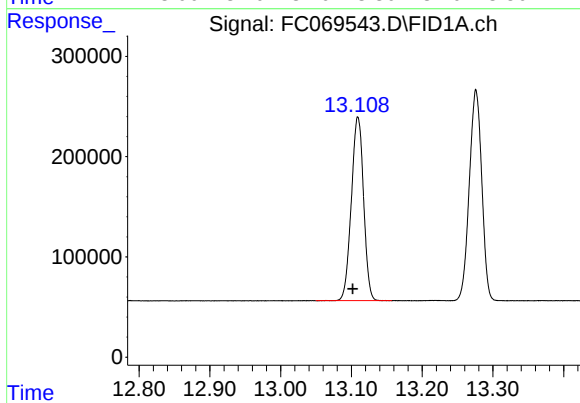
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: 0.007 min
Response: 2654787
Conc: 19.77 ug/ml



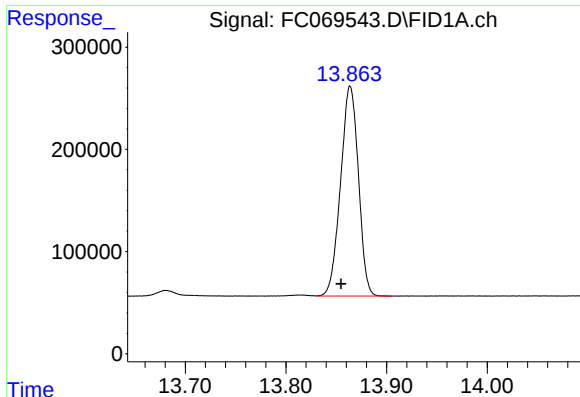
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: 0.008 min
Response: 2571068
Conc: 19.79 ug/ml



#12 1-chlorooctadecane (SURR)

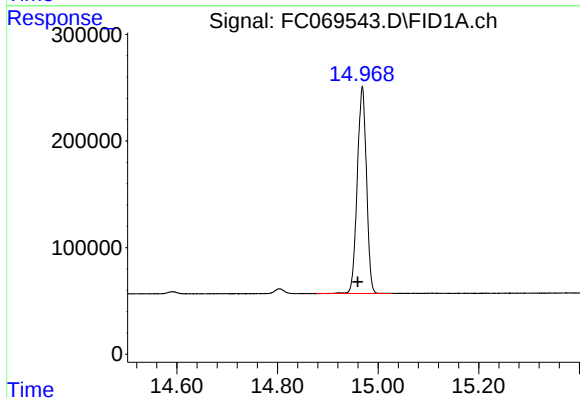
R.T.: 13.109 min
Delta R.T.: 0.008 min
Response: 2204065
Conc: 19.50 ug/ml



#13 n-Docosane (C22)

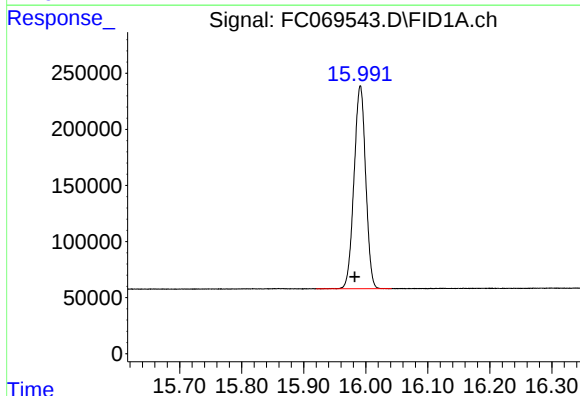
R.T.: 13.864 min
Delta R.T.: 0.009 min
Response: 2532518
Conc: 19.94 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



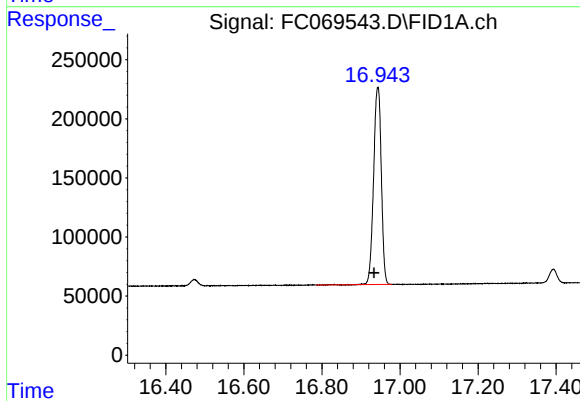
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: 0.009 min
Response: 2472243
Conc: 20.26 ug/ml



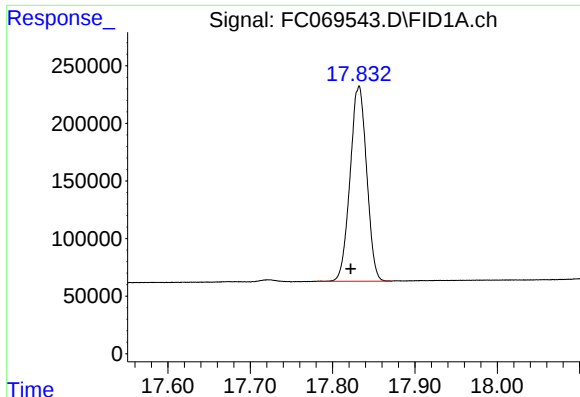
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: 0.009 min
Response: 2358207
Conc: 20.30 ug/ml



#16 n-Octacosane (C28)

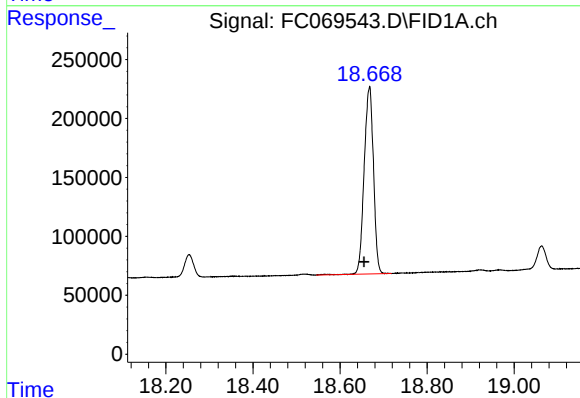
R.T.: 16.943 min
Delta R.T.: 0.009 min
Response: 2288928
Conc: 20.67 ug/ml



#17 n-Tricontane (C30)

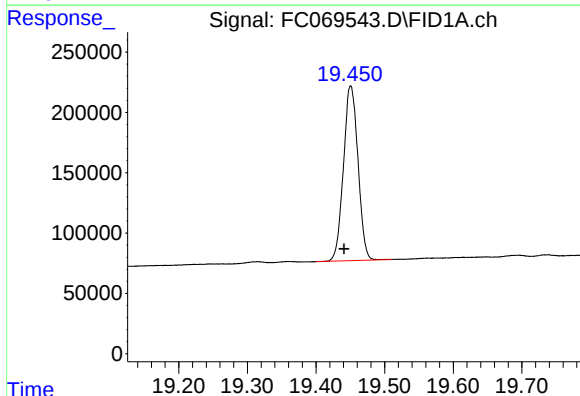
R.T.: 17.832 min
Delta R.T.: 0.010 min
Response: 2369092
Conc: 21.64 ug/ml

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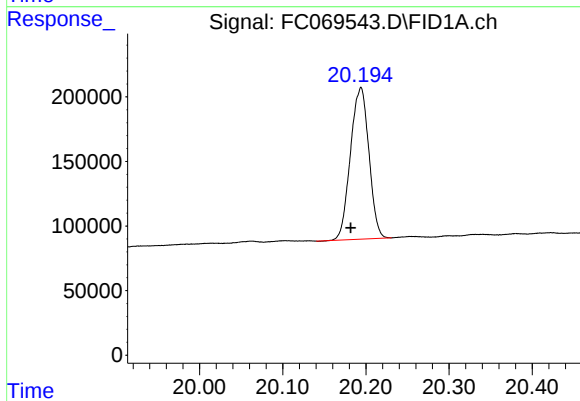
#18 n-Dotriacontane (C32)

R.T.: 18.667 min
Delta R.T.: 0.012 min
Response: 2354113
Conc: 22.69 ug/ml



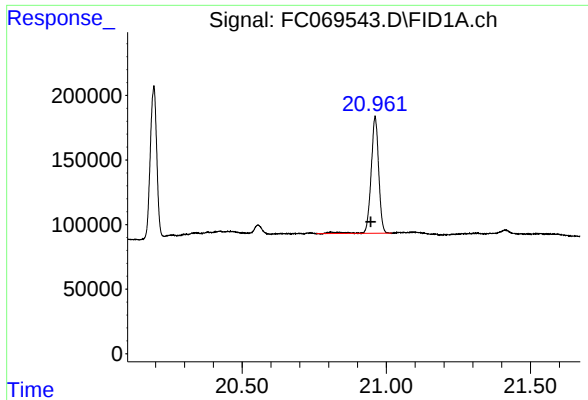
#19 n-Tetratriacontane (C34)

R.T.: 19.451 min
Delta R.T.: 0.010 min
Response: 2130590
Conc: 22.61 ug/ml



#20 n-Hexatriacontane (C36)

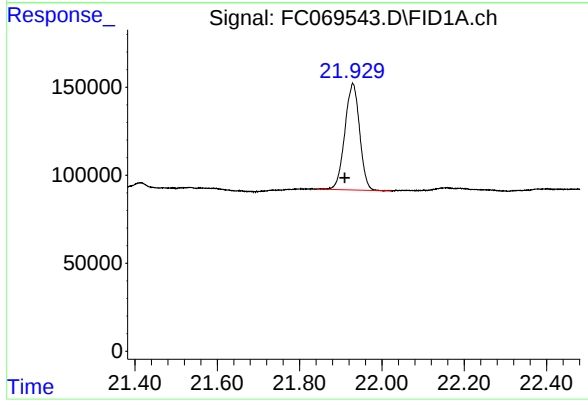
R.T.: 20.194 min
Delta R.T.: 0.012 min
Response: 1808392
Conc: 21.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.961 min
Delta R.T.: 0.015 min
Response: 1671350
Conc: 22.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.929 min
Delta R.T.: 0.020 min
Response: 1505804
Conc: 20.56 ug/ml