

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062725AL\
 Data File : FC069314.D
 Signal(s) : FID1A.ch
 Acq On : 27 Jun 2025 10:22
 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: Jun 27 11:11:14 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)	11.675	3090991	17.892 ug/ml
Spiked Amount 50.000		Recovery =	35.78%
12) S 1-chlorooctadecane (S...	13.110	2367261	18.120 ug/ml
Spiked Amount 50.000		Recovery =	36.24%
Target Compounds			
1) T n-Nonane (C9)	3.407	2871443	20.190 ug/ml
2) T n-Decane (C10)	4.480	2965986	20.260 ug/ml
3) T A~Naphthalene (C11.7)	6.075	3241105	20.144 ug/ml
4) T n-Dodecane (C12)	6.505	3036428	20.052 ug/ml
5) T A~2-methylnaphthalene...	7.134	3127731	19.765 ug/ml
6) T n-Tetradecane (C14)	8.304	3001290	19.363 ug/ml
7) T n-Hexadecane (C16)	9.908	3060092	18.726 ug/ml
8) T n-Octadecane (C18)	11.353	2996421	18.352 ug/ml
10) T n-Eicosane (C20)	12.663	2787749	18.264 ug/ml
11) T n-Heneicosane (C21)	13.277	2696207	18.293 ug/ml
13) T n-Docosane (C22)	13.865	2642824	18.368 ug/ml
14) T n-Tetracosane (C24)	14.969	2538857	18.407 ug/ml
15) T n-Hexacosane (C26)	15.992	2403668	18.387 ug/ml
16) T n-Octacosane (C28)	16.942	2269052	18.398 ug/ml
17) T n-Tricontane (C30)	17.831	2216355	18.643 ug/ml
18) T n-Dotriacontane (C32)	18.666	2082822	19.049 ug/ml
19) T n-Tetratriacontane (C34)	19.450	1903059	19.707 ug/ml
20) T n-Hexatriacontane (C36)	20.191	1673204	20.303 ug/ml
21) T n-Octatriacontane (C38)	20.958	1548983	20.728 ug/ml
22) T n-Tetracontane (C40)	21.925	1427450	20.157 ug/ml

(f)=RT Delta > 1/2 Window

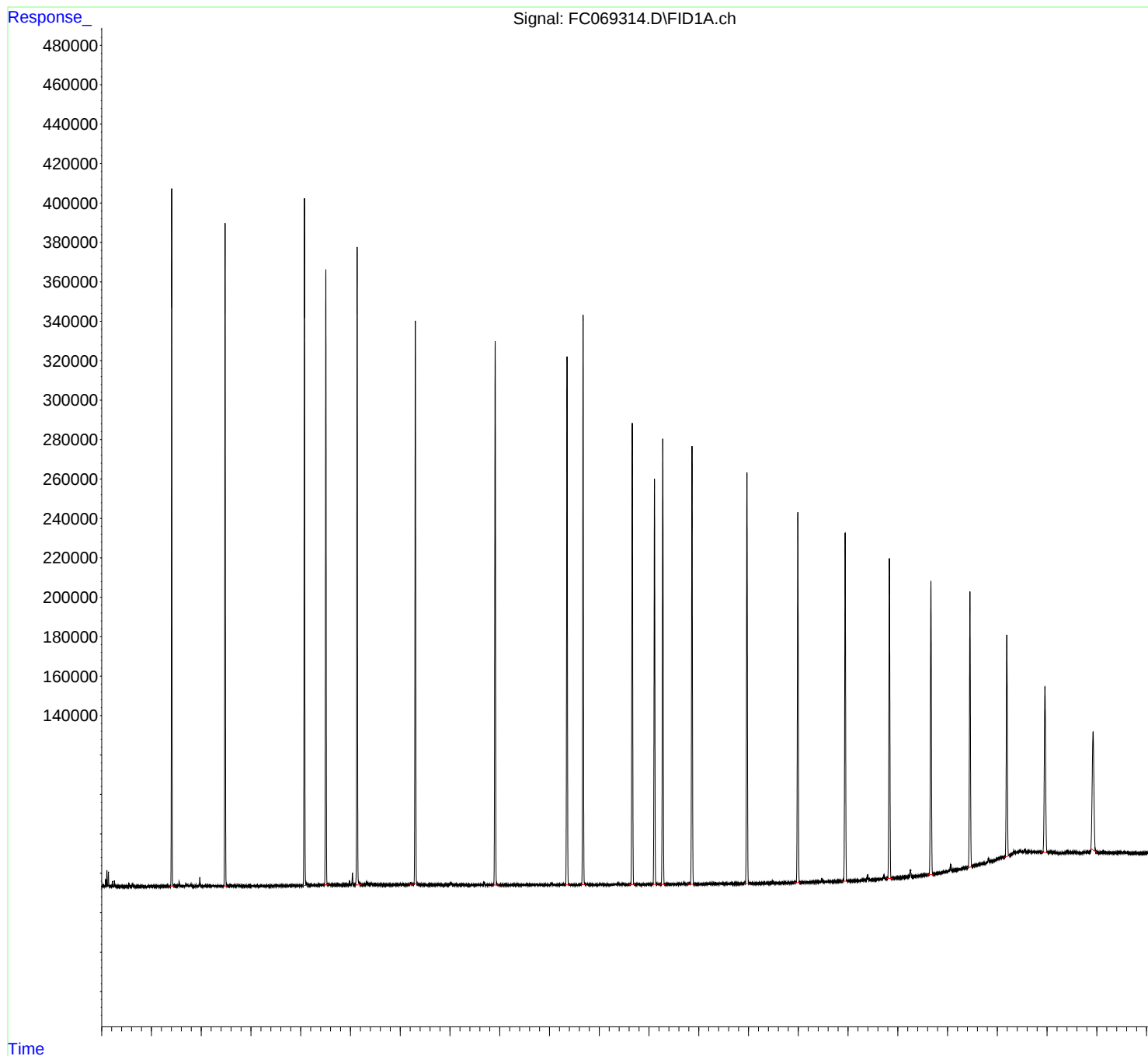
(m)=manual int.

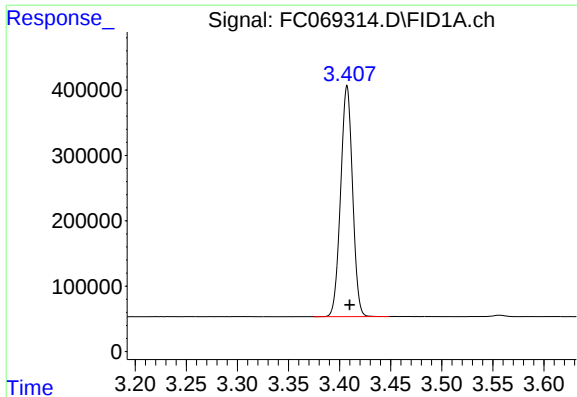
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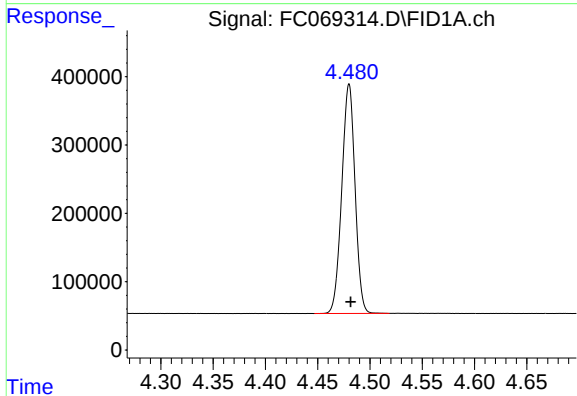




#1 n-Nonane (C9)

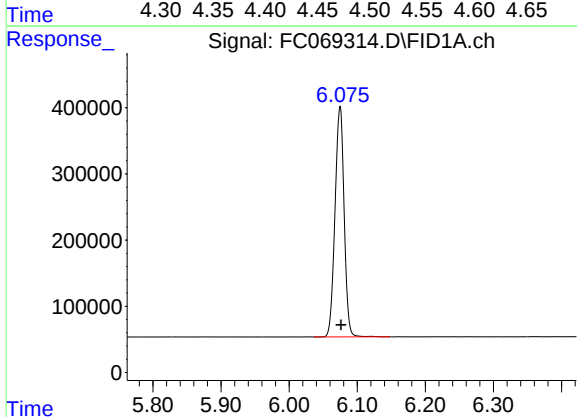
R.T.: 3.407 min
Delta R.T.: -0.003 min
Response: 2871443
Conc: 20.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



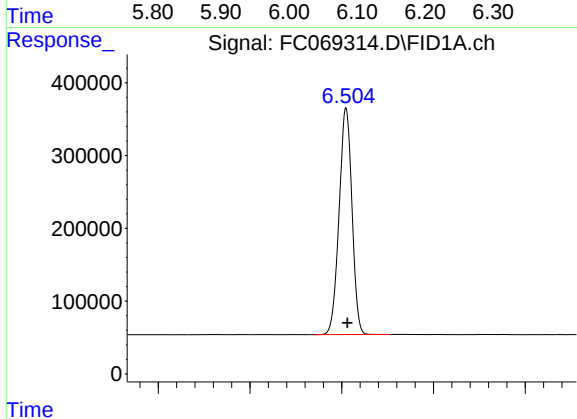
#2 n-Decane (C10)

R.T.: 4.480 min
Delta R.T.: -0.002 min
Response: 2965986
Conc: 20.26 ug/ml



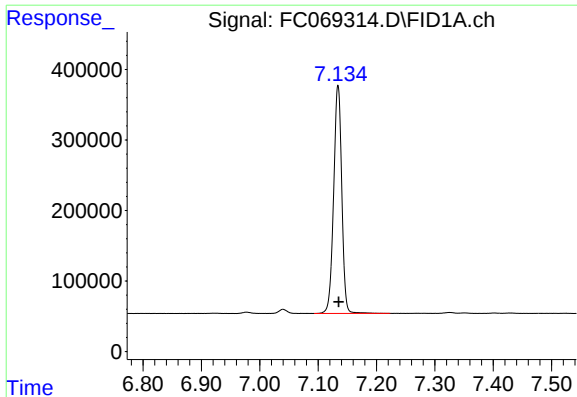
#3 A~Naphthalene (C11.7)

R.T.: 6.075 min
Delta R.T.: -0.002 min
Response: 3241105
Conc: 20.14 ug/ml



#4 n-Dodecane (C12)

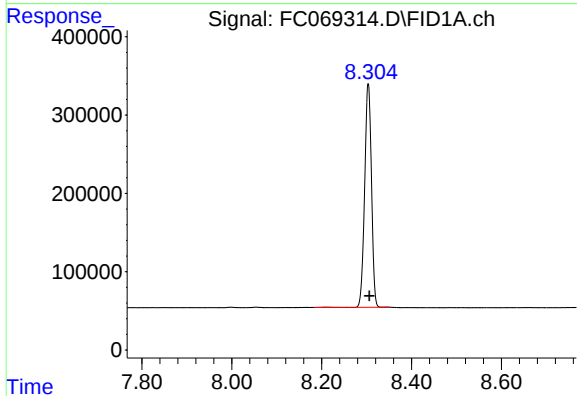
R.T.: 6.505 min
Delta R.T.: -0.001 min
Response: 3036428
Conc: 20.05 ug/ml



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

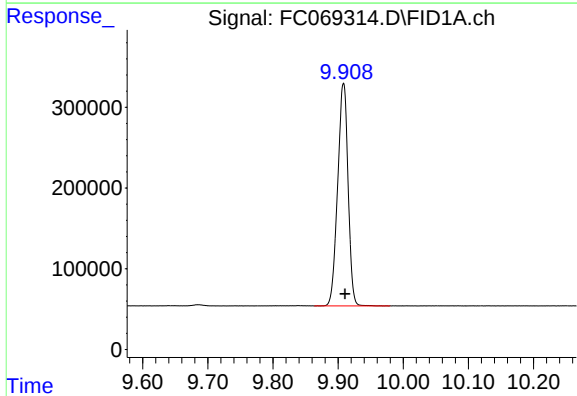
R.T.: 7.134 min
Delta R.T.: -0.001 min
Response: 3127731
Conc: 19.76 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



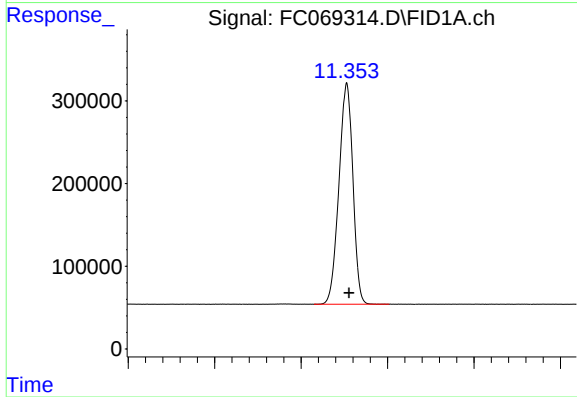
#6 n-Tetradecane (C14)

R.T.: 8.304 min
Delta R.T.: -0.002 min
Response: 3001290
Conc: 19.36 ug/ml



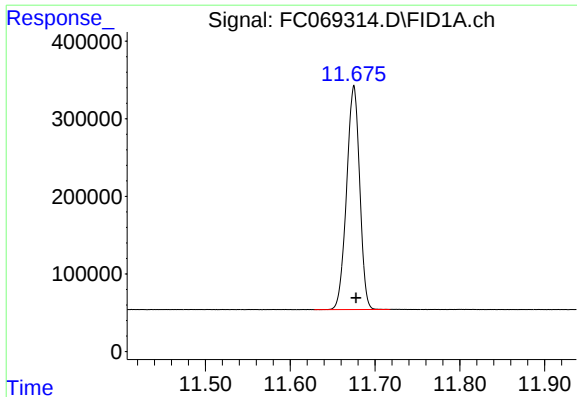
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.002 min
Response: 3060092
Conc: 18.73 ug/ml



#8 n-Octadecane (C18)

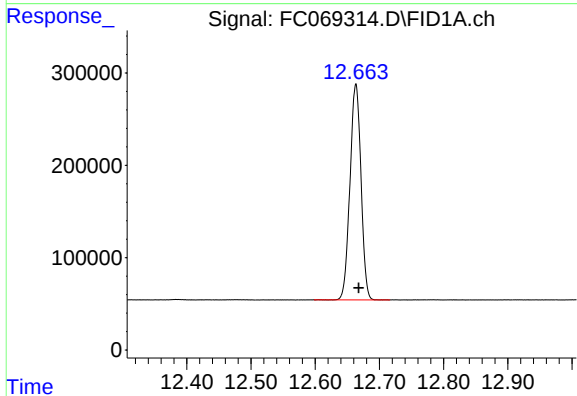
R.T.: 11.353 min
Delta R.T.: -0.003 min
Response: 2996421
Conc: 18.35 ug/ml



#9 ortho-Terphenyl (SURR)

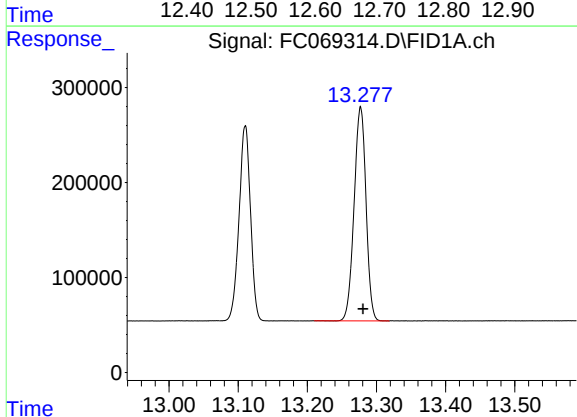
R.T.: 11.675 min
Delta R.T.: -0.003 min
Response: 3090991
Conc: 17.89 ug/ml

Instrument :
FID_C
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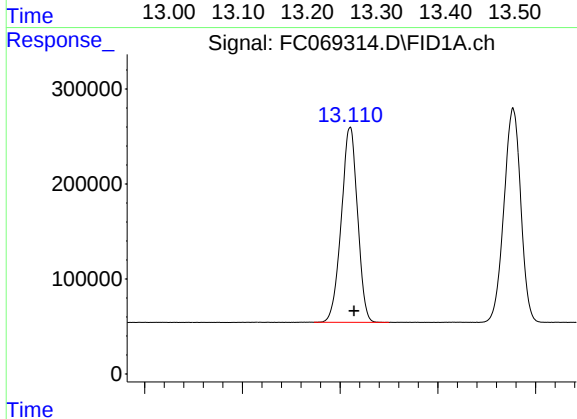
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: -0.004 min
Response: 2787749
Conc: 18.26 ug/ml



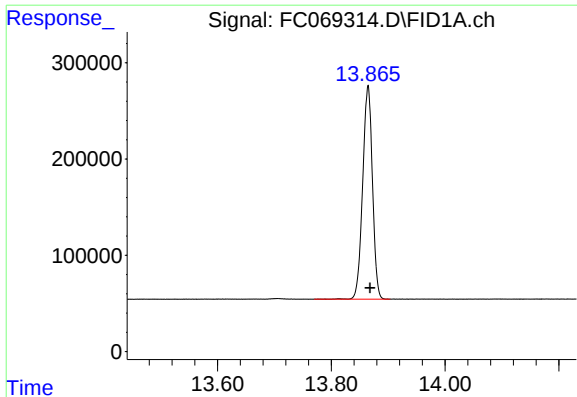
#11 n-Heneicosane (C21)

R.T.: 13.277 min
Delta R.T.: -0.004 min
Response: 2696207
Conc: 18.29 ug/ml



#12 1-chlorooctadecane (SURR)

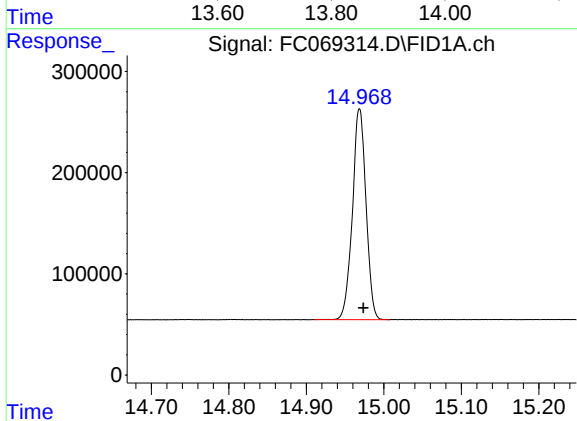
R.T.: 13.110 min
Delta R.T.: -0.004 min
Response: 2367261
Conc: 18.12 ug/ml



#13 n-Docosane (C22)

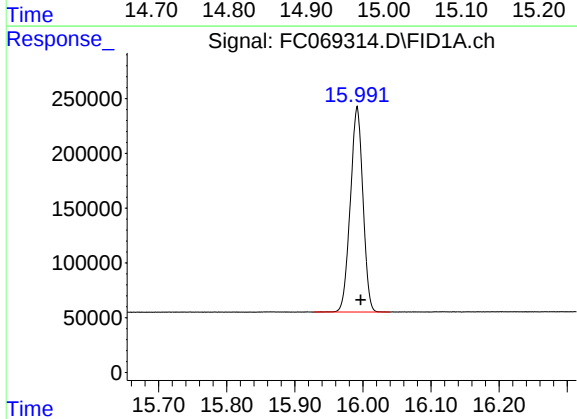
R.T.: 13.865 min
Delta R.T.: -0.004 min
Response: 2642824
Conc: 18.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



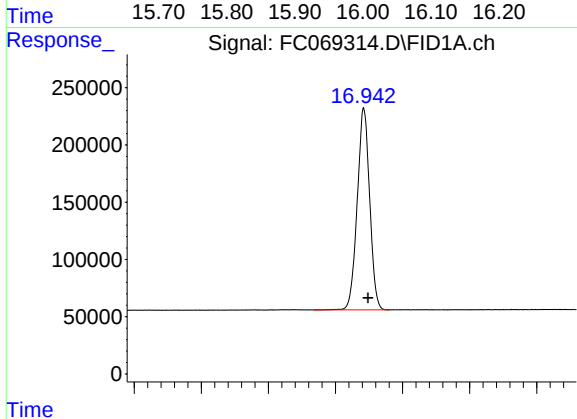
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: -0.005 min
Response: 2538857
Conc: 18.41 ug/ml



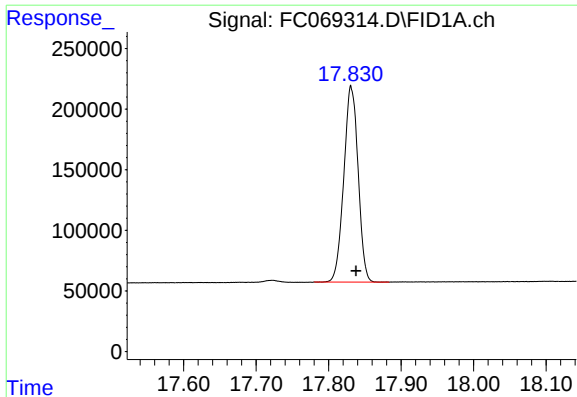
#15 n-Hexacosane (C26)

R.T.: 15.992 min
Delta R.T.: -0.005 min
Response: 2403668
Conc: 18.39 ug/ml



#16 n-Octacosane (C28)

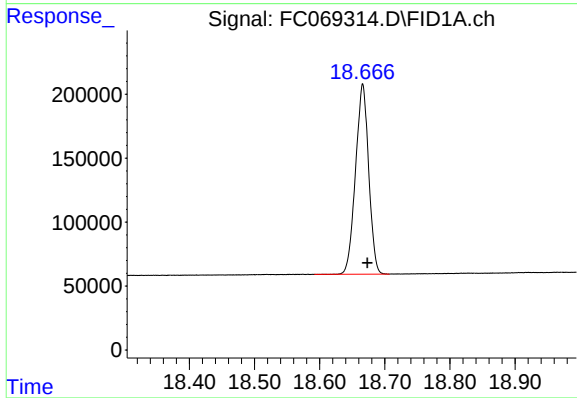
R.T.: 16.942 min
Delta R.T.: -0.006 min
Response: 2269052
Conc: 18.40 ug/ml



#17 n-Tricontane (C30)

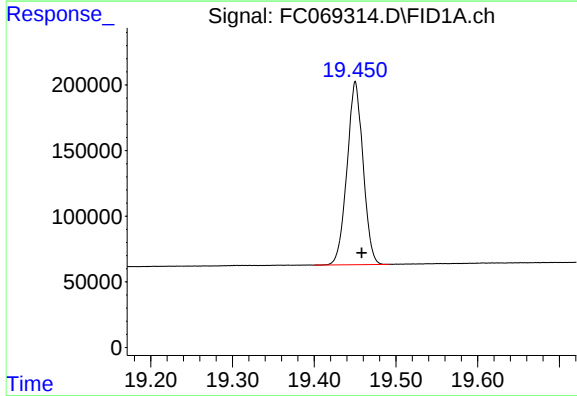
R.T.: 17.831 min
Delta R.T.: -0.006 min
Response: 2216355
Conc: 18.64 ug/ml

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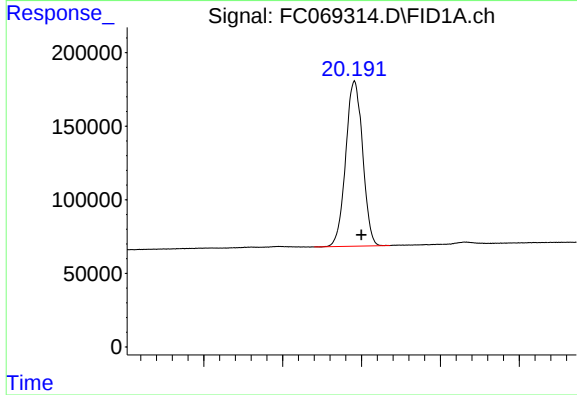
#18 n-Dotriacontane (C32)

R.T.: 18.666 min
Delta R.T.: -0.007 min
Response: 2082822
Conc: 19.05 ug/ml



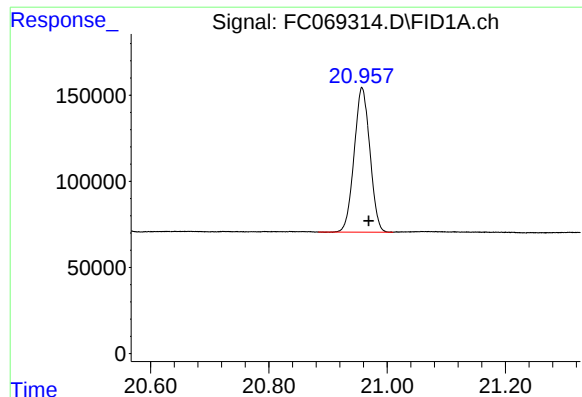
#19 n-Tetratriacontane (C34)

R.T.: 19.450 min
Delta R.T.: -0.008 min
Response: 1903059
Conc: 19.71 ug/ml



#20 n-Hexatriacontane (C36)

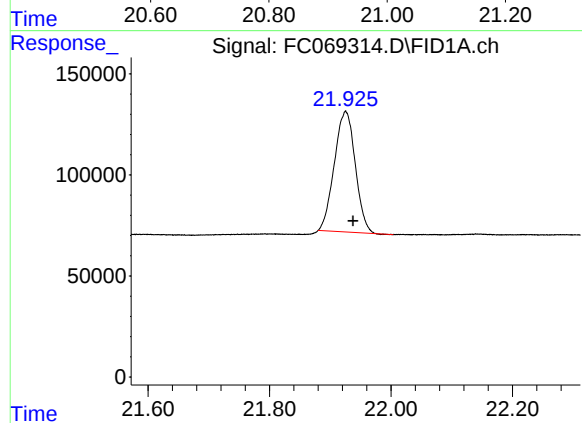
R.T.: 20.191 min
Delta R.T.: -0.009 min
Response: 1673204
Conc: 20.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.958 min
Delta R.T.: -0.011 min
Response: 1548983
Conc: 20.73 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.925 min
Delta R.T.: -0.012 min
Response: 1427450
Conc: 20.16 ug/ml