

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041223AL\
 Data File : FC063358.D
 Signal(s) : FID1A.ch
 Acq On : 12 Apr 2023 21:59
 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: Apr 13 01:57:45 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 07:22:46 2023
 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)	11.529	3138070	20.625 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
12) S 1-chlorooctadecane (S...	12.967	2329040	21.049 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
Target Compounds			
1) T n-Nonane (C9)	3.292	2842058	20.243 ug/ml
2) T n-Decane (C10)	4.361	2805924	20.591 ug/ml
3) T A~Naphthalene (C11.7)	5.944	3074335	20.360 ug/ml
4) T n-Dodecane (C12)	6.380	2804562	20.848 ug/ml
5) T A~2-methylnaphthalene...	7.002	2833938	20.347 ug/ml
6) T n-Tetradecane (C14)	8.175	2738523	20.229 ug/ml
7) T n-Hexadecane (C16)	9.776	2818336	20.754 ug/ml
8) T n-Octadecane (C18)	11.216	2866814	20.697 ug/ml
10) T n-Eicosane (C20)	12.523	2782166	20.708 ug/ml
11) T n-Heneicosane (C21)	13.134	2783881	20.684 ug/ml
13) T n-Docosane (C22)	13.720	2751358	20.632 ug/ml
14) T n-Tetracosane (C24)	14.822	2743659	20.406 ug/ml
15) T n-Hexacosane (C26)	15.839	2731706	20.408 ug/ml
16) T n-Octacosane (C28)	16.787	2778528	20.521 ug/ml
17) T n-Tricontane (C30)	17.672	2914495	21.069 ug/ml
18) T n-Dotriacontane (C32)	18.502	3019345	21.387 ug/ml
19) T n-Tetratriacontane (C34)	19.285	2963304	21.473 ug/ml
20) T n-Hexatriacontane (C36)	20.021	2805069	21.946 ug/ml
21) T n-Octatriacontane (C38)	20.748	2769343	22.491 ug/ml
22) T n-Tetracontane (C40)	21.645	2683217	22.801 ug/ml

(f)=RT Delta > 1/2 Window

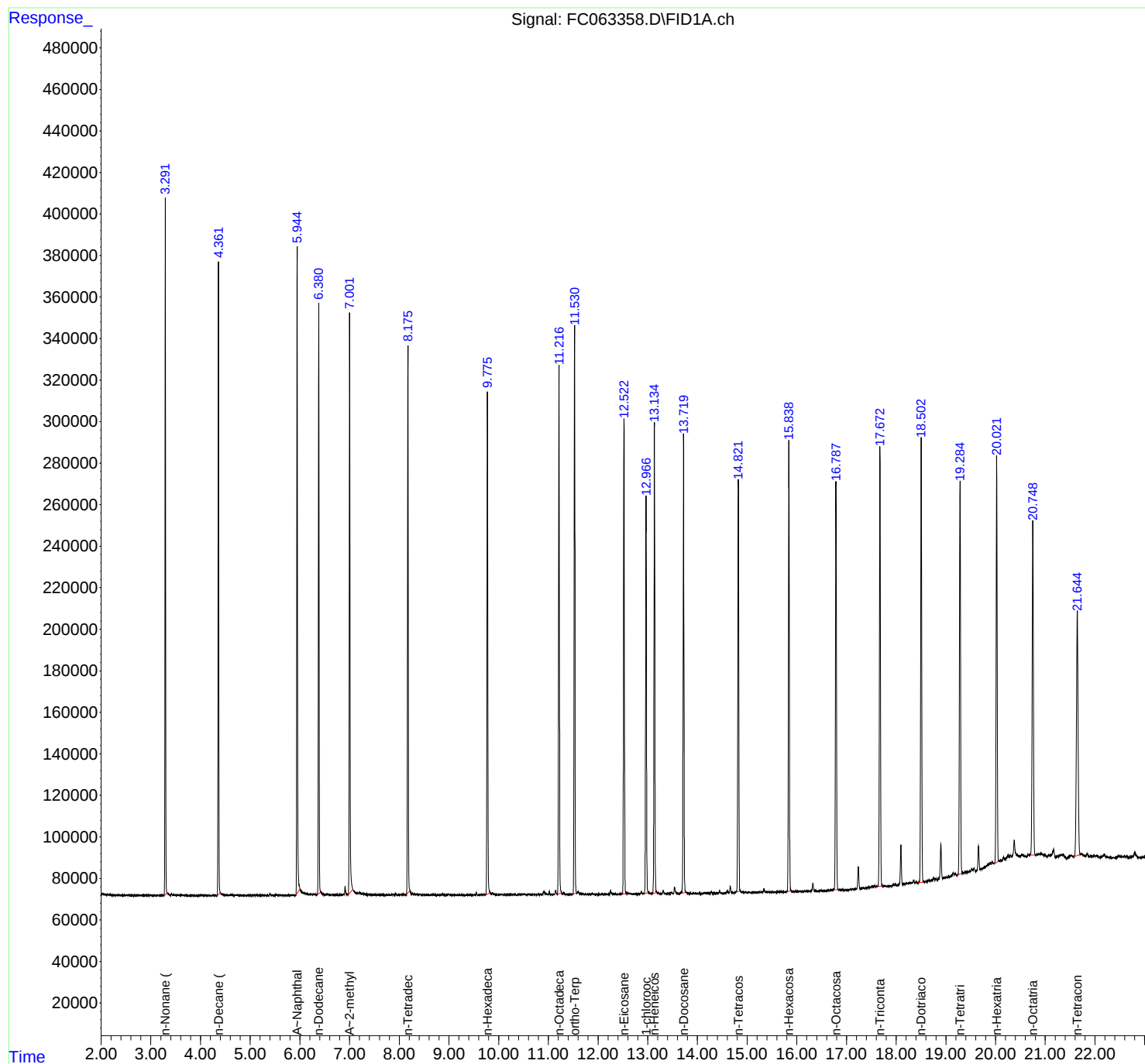
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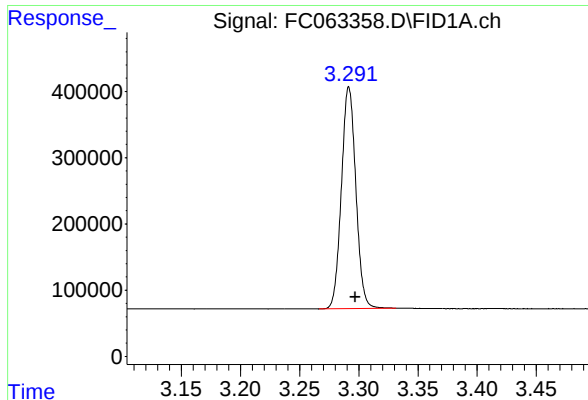
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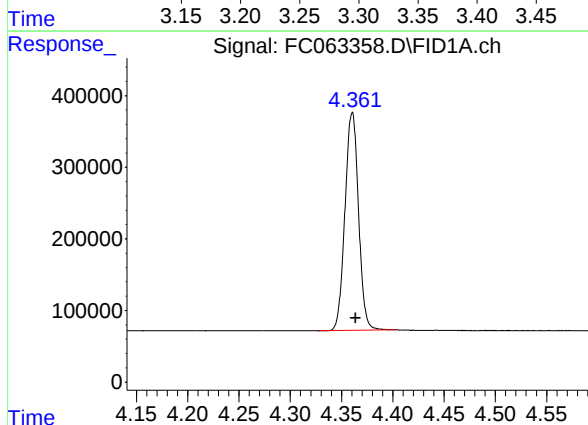




#1 n-Nonane (C9)

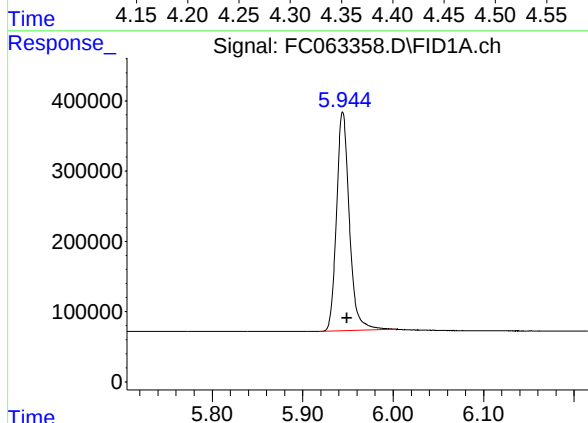
R.T.: 3.292 min
Delta R.T.: -0.005 min
Response: 2842058
Conc: 20.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



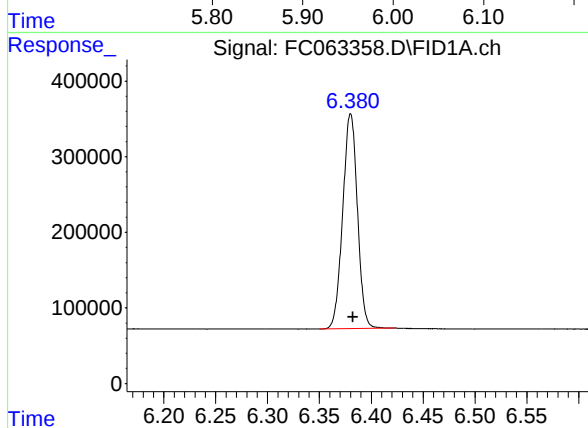
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.003 min
Response: 2805924
Conc: 20.59 ug/ml



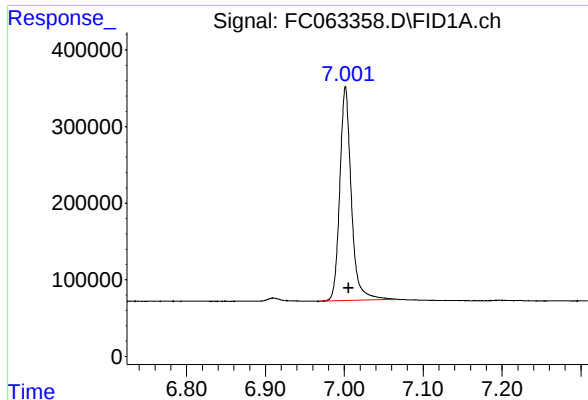
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.005 min
Response: 3074335
Conc: 20.36 ug/ml



#4 n-Dodecane (C12)

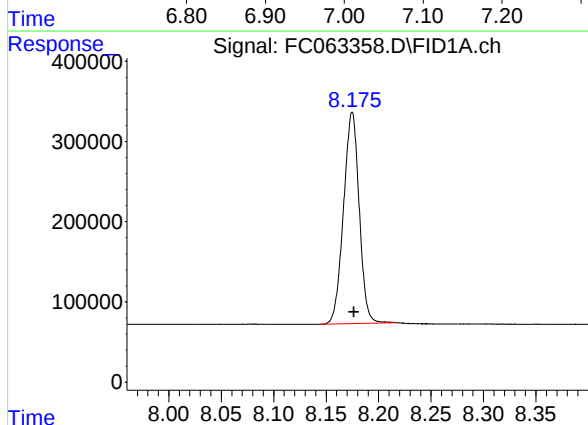
R.T.: 6.380 min
Delta R.T.: -0.002 min
Response: 2804562
Conc: 20.85 ug/ml



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

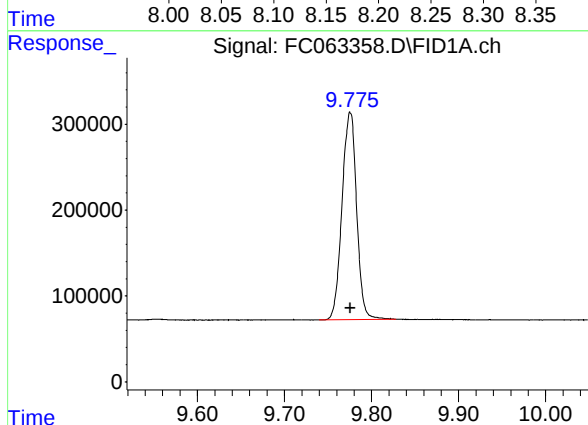
R.T.: 7.002 min
Delta R.T.: -0.004 min
Response: 2833938
Conc: 20.35 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



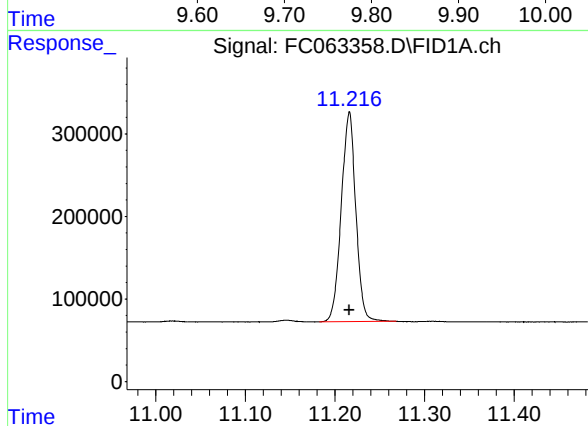
#6 n-Tetradecane (C14)

R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 2738523
Conc: 20.23 ug/ml



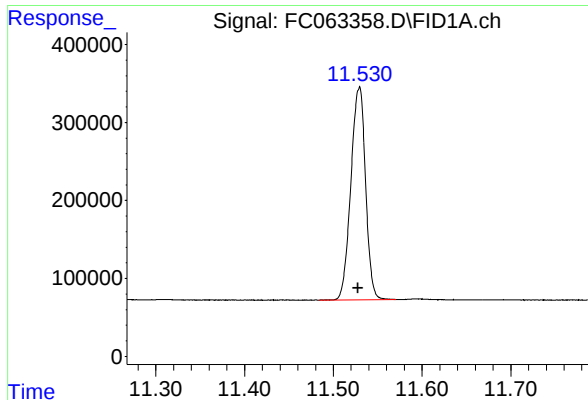
#7 n-Hexadecane (C16)

R.T.: 9.776 min
Delta R.T.: 0.000 min
Response: 2818336
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

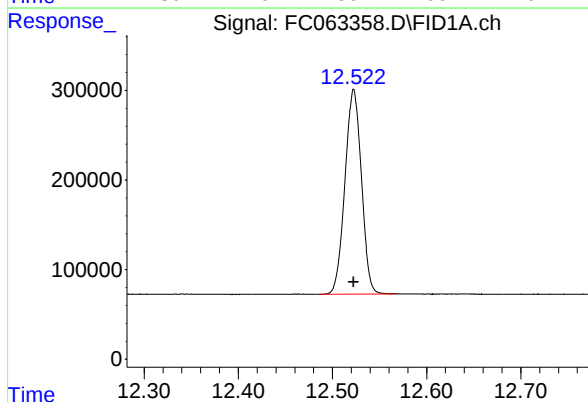
R.T.: 11.216 min
Delta R.T.: 0.000 min
Response: 2866814
Conc: 20.70 ug/ml



#9 ortho-Terphenyl (SURR)

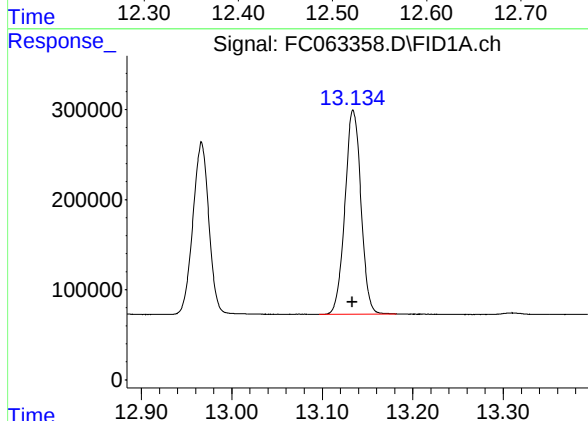
R.T.: 11.529 min
Delta R.T.: 0.002 min
Response: 3138070
Conc: 20.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



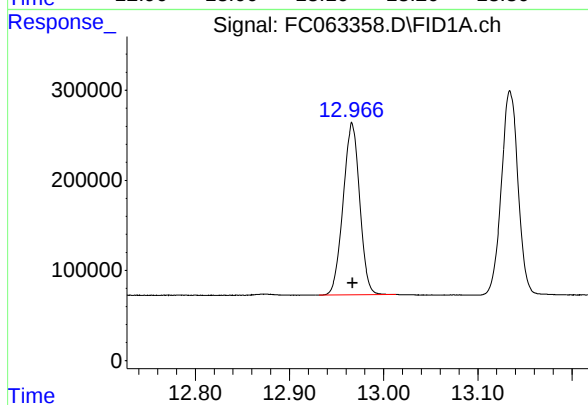
#10 n-Eicosane (C20)

R.T.: 12.523 min
Delta R.T.: 0.000 min
Response: 2782166
Conc: 20.71 ug/ml



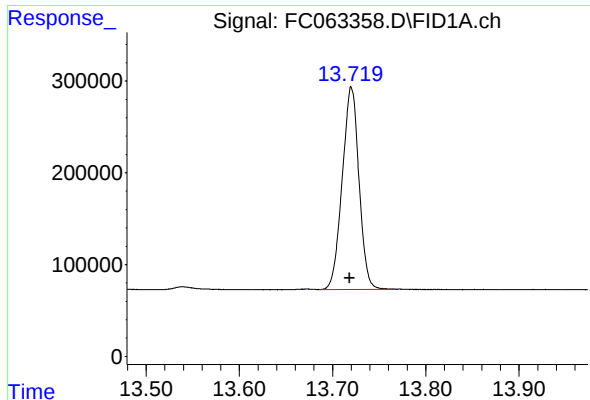
#11 n-Heneicosane (C21)

R.T.: 13.134 min
Delta R.T.: 0.001 min
Response: 2783881
Conc: 20.68 ug/ml



#12 1-chlorooctadecane (SURR)

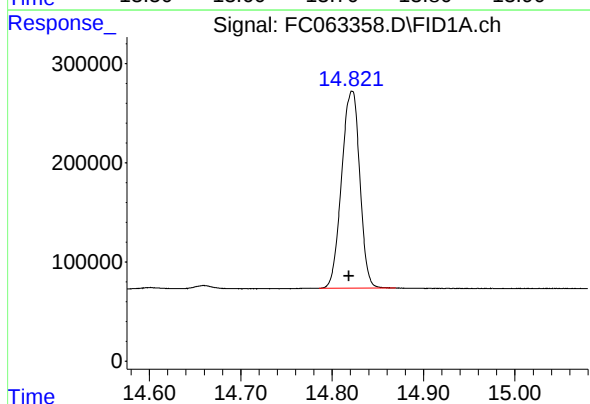
R.T.: 12.967 min
Delta R.T.: 0.000 min
Response: 2329040
Conc: 21.05 ug/ml



#13 n-Docosane (C22)

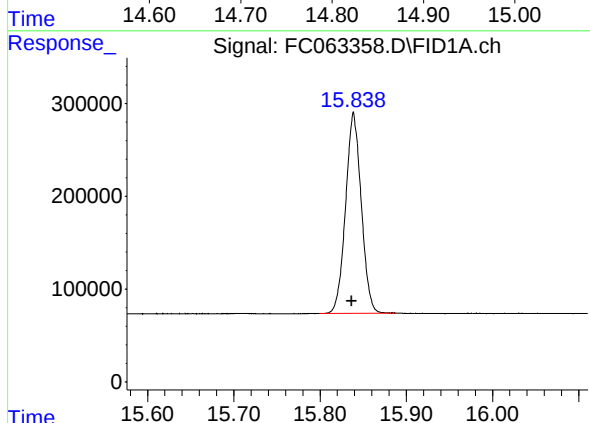
R.T.: 13.720 min
Delta R.T.: 0.002 min
Response: 2751358
Conc: 20.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



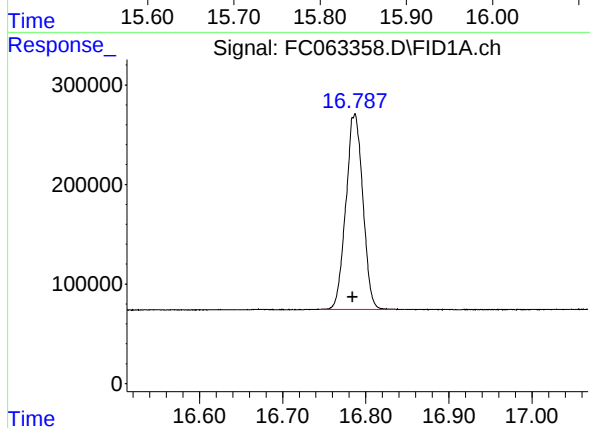
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.004 min
Response: 2743659
Conc: 20.41 ug/ml



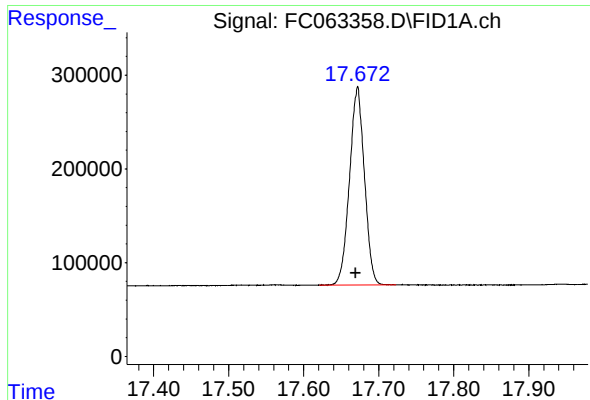
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: 0.002 min
Response: 2731706
Conc: 20.41 ug/ml



#16 n-Octacosane (C28)

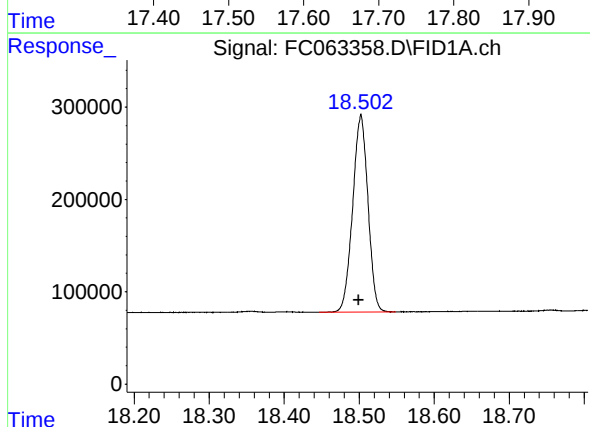
R.T.: 16.787 min
Delta R.T.: 0.002 min
Response: 2778528
Conc: 20.52 ug/ml



#17 n-Tricontane (C30)

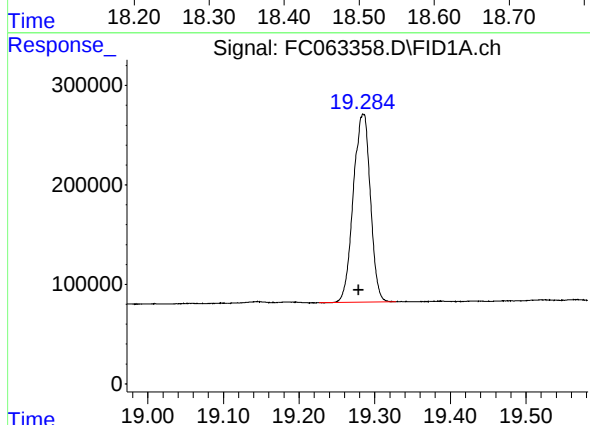
R.T.: 17.672 min
Delta R.T.: 0.003 min
Response: 2914495
Conc: 21.07 ug/ml

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20 PPM ALIPHATIC HC STD



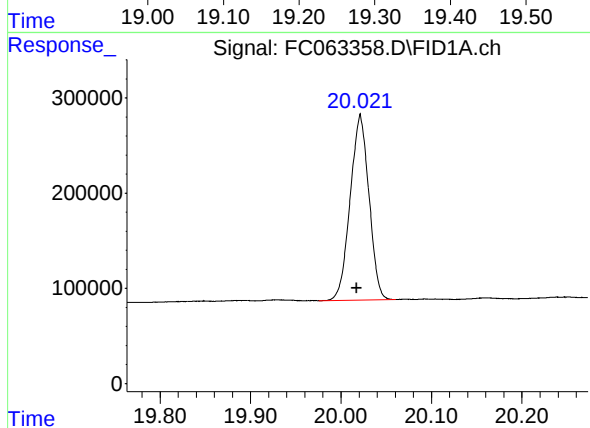
#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: 0.003 min
Response: 3019345
Conc: 21.39 ug/ml



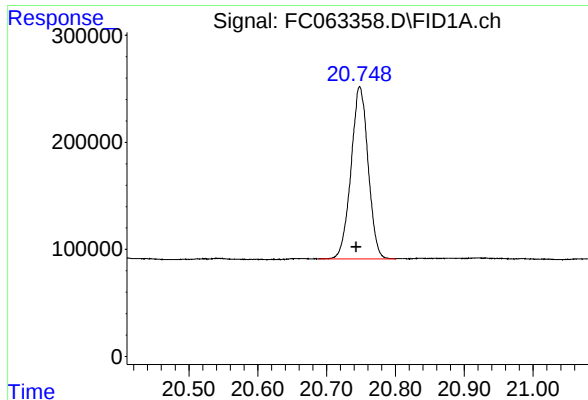
#19 n-Tetratriacontane (C34)

R.T.: 19.285 min
Delta R.T.: 0.006 min
Response: 2963304
Conc: 21.47 ug/ml



#20 n-Hexatriacontane (C36)

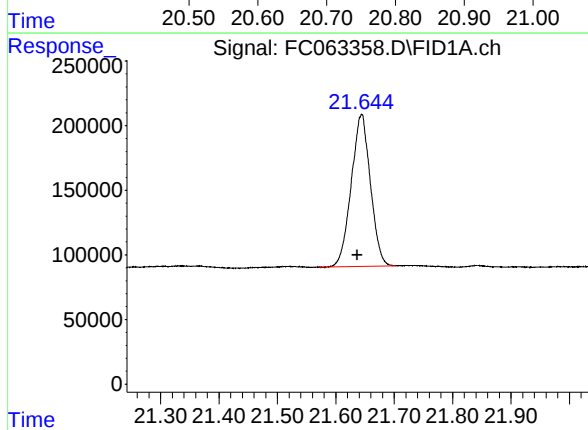
R.T.: 20.021 min
Delta R.T.: 0.004 min
Response: 2805069
Conc: 21.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: 0.005 min
Response: 2769343
Conc: 22.49 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.645 min
Delta R.T.: 0.008 min
Response: 2683217
Conc: 22.80 ug/ml