

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060623AL\
 Data File : FC063754.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2023 11:38
 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 06 13:17:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:12:33 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)	11.536	3561038	19.514 ug/ml
Spiked Amount 50.000		Recovery =	39.03%
12) S 1-chlorooctadecane (S...	12.972	2516777	19.697 ug/ml
Spiked Amount 50.000		Recovery =	39.39%
Target Compounds			
1) T n-Nonane (C9)	3.313	3180036	19.952 ug/ml
2) T n-Decane (C10)	4.377	3229640	19.979 ug/ml
3) T A~Naphthalene (C11.7)	5.959	3362253	19.354 ug/ml
4) T n-Dodecane (C12)	6.392	3244246	19.841 ug/ml
5) T A~2-methylnaphthalene...	7.015	3208850	19.587 ug/ml
6) T n-Tetradecane (C14)	8.185	3140048	19.966 ug/ml
7) T n-Hexadecane (C16)	9.784	3157405	19.840 ug/ml
8) T n-Octadecane (C18)	11.223	3120624	19.722 ug/ml
10) T n-Eicosane (C20)	12.528	2928471	19.801 ug/ml
11) T n-Heneicosane (C21)	13.140	2843473	19.754 ug/ml
13) T n-Docosane (C22)	13.723	2795917	19.847 ug/ml
14) T n-Tetracosane (C24)	14.823	2729620	19.892 ug/ml
15) T n-Hexacosane (C26)	15.841	2660167	20.063 ug/ml
16) T n-Octacosane (C28)	16.789	2619340	20.628 ug/ml
17) T n-Tricontane (C30)	17.673	2726432	21.340 ug/ml
18) T n-Dotriacontane (C32)	18.503	2725161	21.901 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2662843	21.597 ug/ml
20) T n-Hexatriacontane (C36)	20.022	2581203	21.506 ug/ml
21) T n-Octatriacontane (C38)	20.748	2561658	21.218 ug/ml
22) T n-Tetracontane (C40)	21.644	2495431	20.594 ug/ml

(f)=RT Delta > 1/2 Window

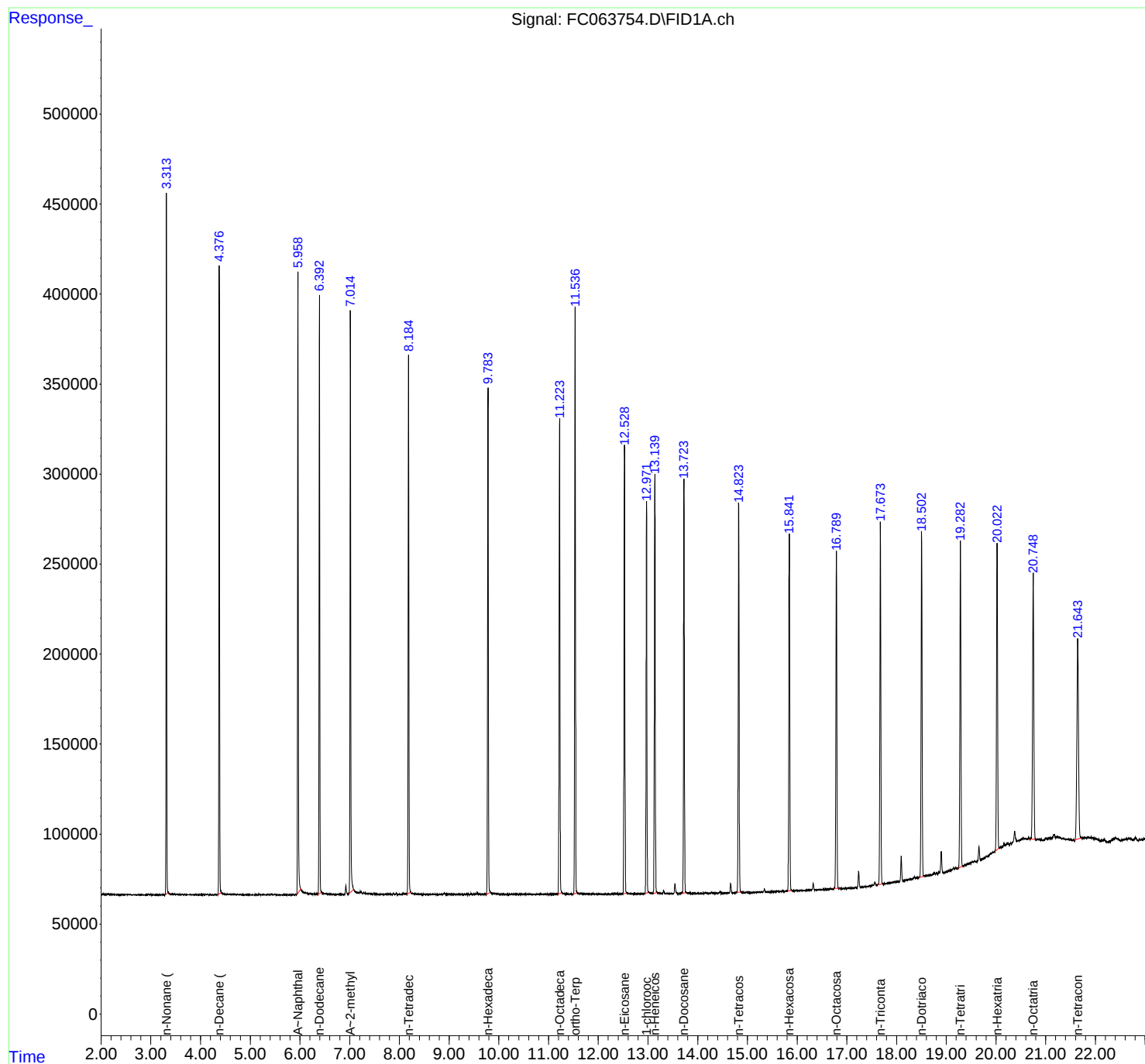
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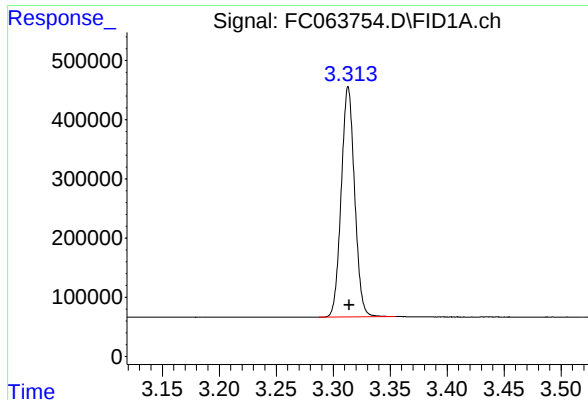
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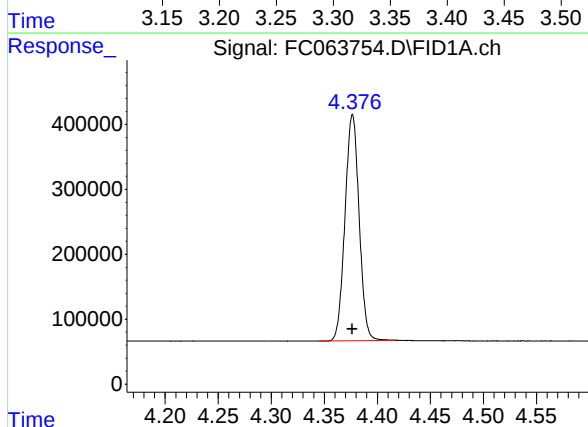




#1 n-Nonane (C9)

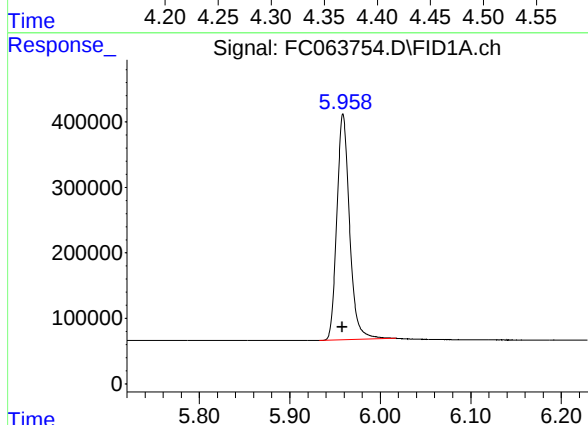
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 3180036
Conc: 19.95 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



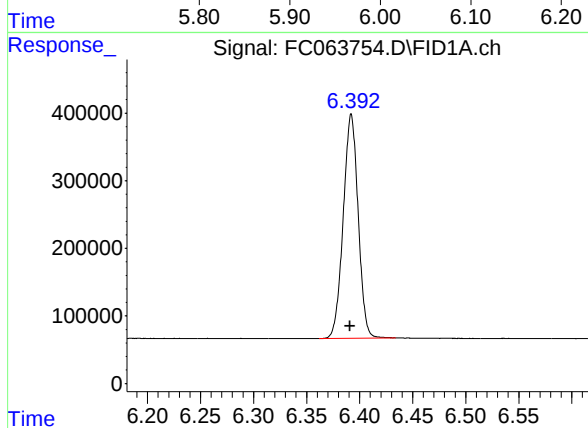
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 3229640
Conc: 19.98 ug/ml



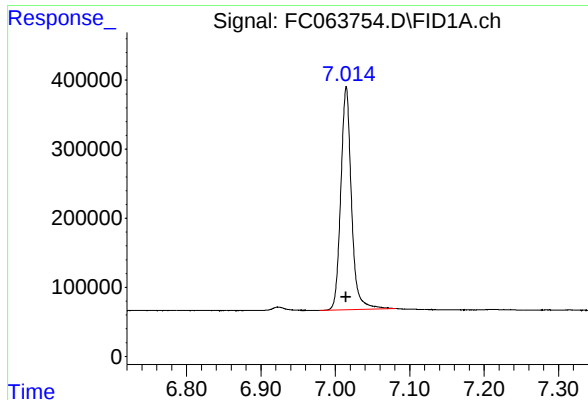
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 3362253
Conc: 19.35 ug/ml



#4 n-Dodecane (C12)

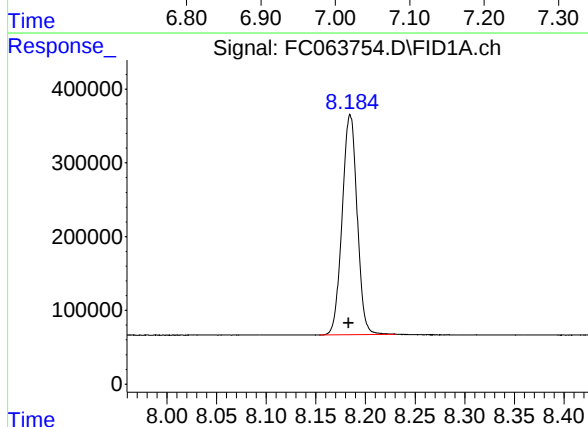
R.T.: 6.392 min
Delta R.T.: 0.001 min
Response: 3244246
Conc: 19.84 ug/ml



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

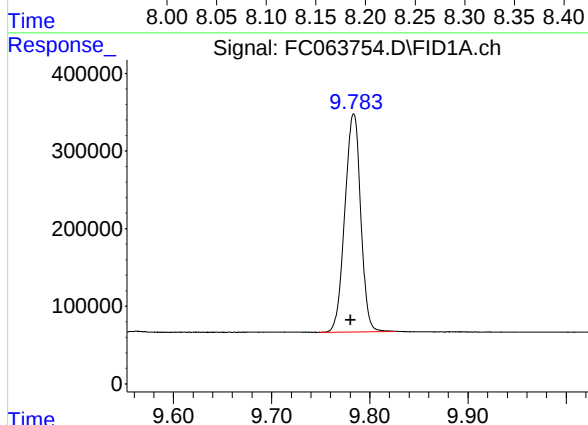
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 3208850
Conc: 19.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



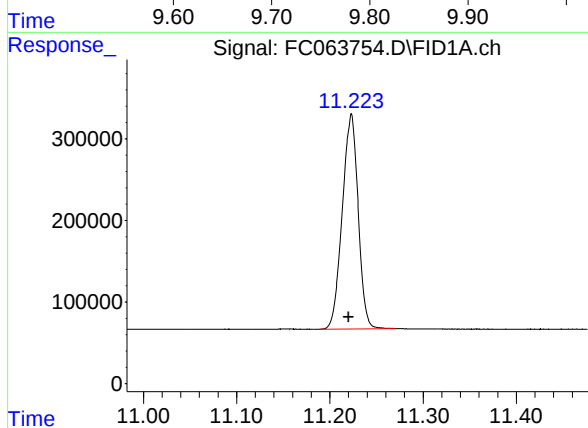
#6 n-Tetradecane (C14)

R.T.: 8.185 min
Delta R.T.: 0.002 min
Response: 3140048
Conc: 19.97 ug/ml



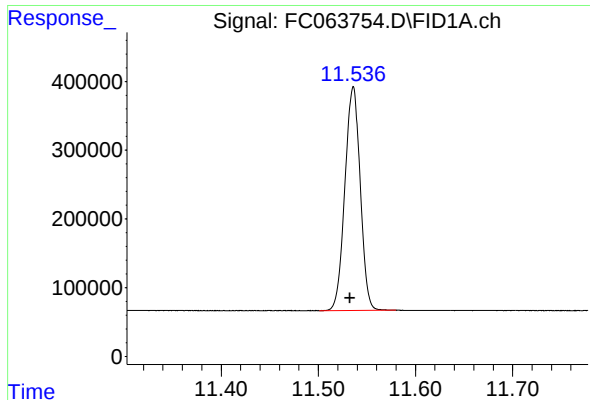
#7 n-Hexadecane (C16)

R.T.: 9.784 min
Delta R.T.: 0.003 min
Response: 3157405
Conc: 19.84 ug/ml



#8 n-Octadecane (C18)

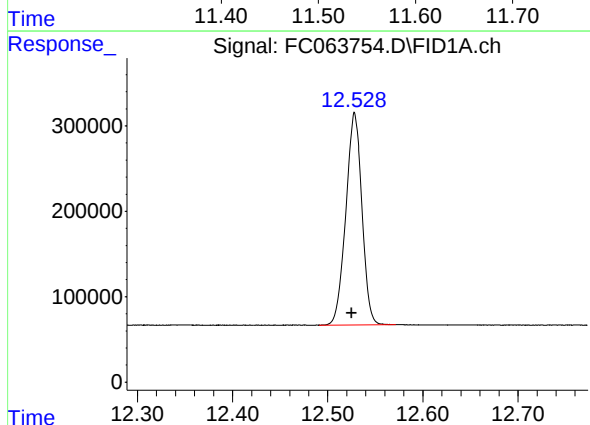
R.T.: 11.223 min
Delta R.T.: 0.003 min
Response: 3120624
Conc: 19.72 ug/ml



#9 ortho-Terphenyl (SURR)

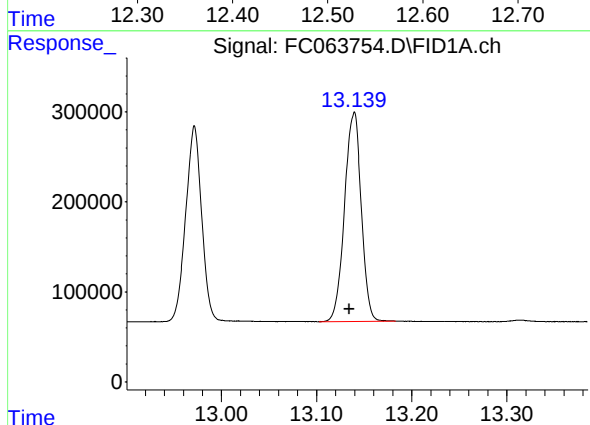
R.T.: 11.536 min
Delta R.T.: 0.003 min
Response: 3561038
Conc: 19.51 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



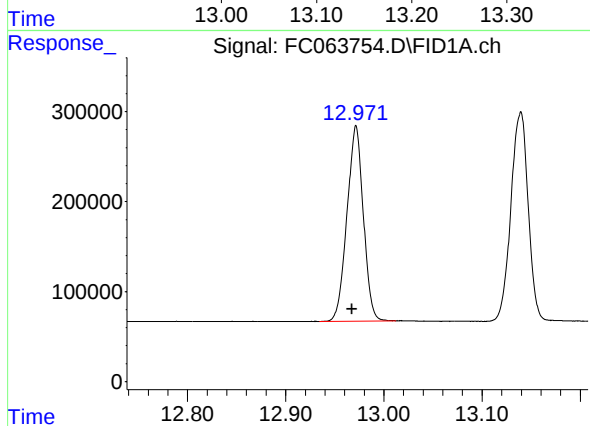
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: 0.003 min
Response: 2928471
Conc: 19.80 ug/ml



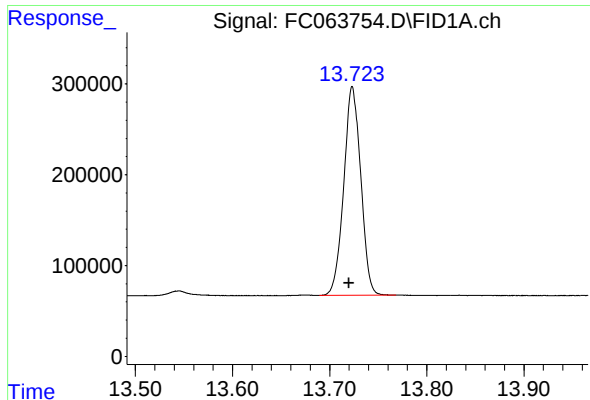
#11 n-Heneicosane (C21)

R.T.: 13.140 min
Delta R.T.: 0.005 min
Response: 2843473
Conc: 19.75 ug/ml



#12 1-chlorooctadecane (SURR)

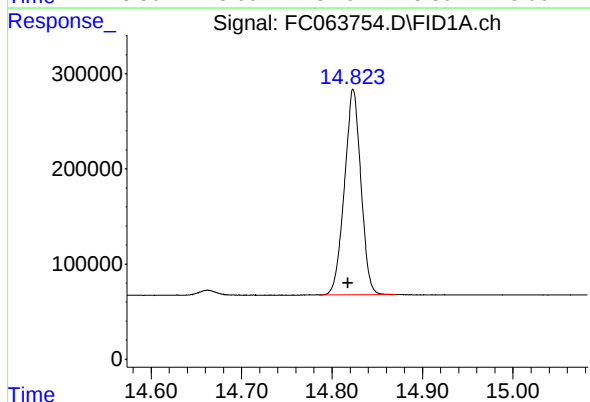
R.T.: 12.972 min
Delta R.T.: 0.004 min
Response: 2516777
Conc: 19.70 ug/ml



#13 n-Docosane (C22)

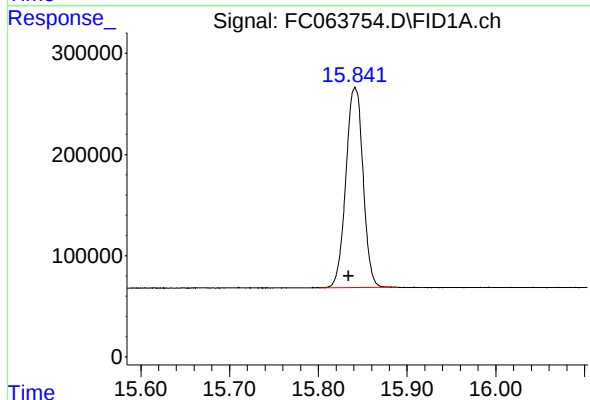
R.T.: 13.723 min
Delta R.T.: 0.004 min
Response: 2795917
Conc: 19.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



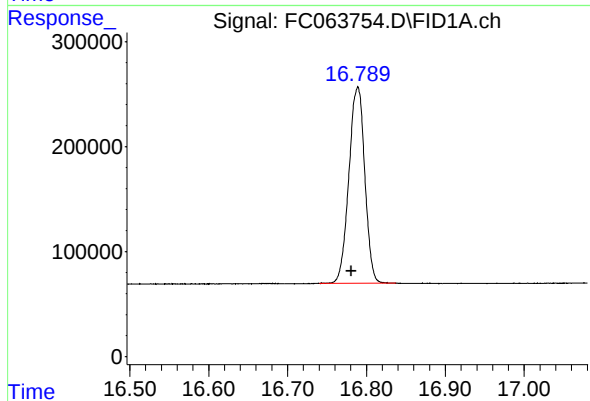
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: 0.006 min
Response: 2729620
Conc: 19.89 ug/ml



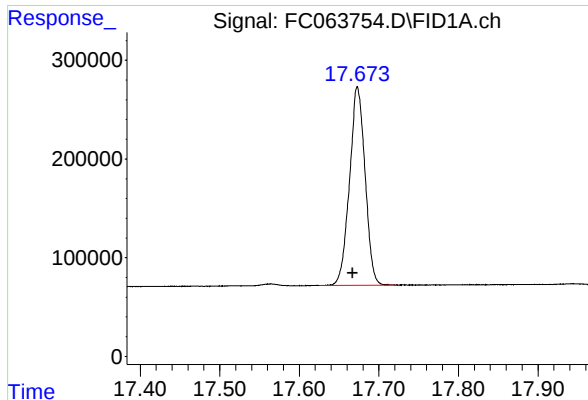
#15 n-Hexacosane (C26)

R.T.: 15.841 min
Delta R.T.: 0.007 min
Response: 2660167
Conc: 20.06 ug/ml



#16 n-Octacosane (C28)

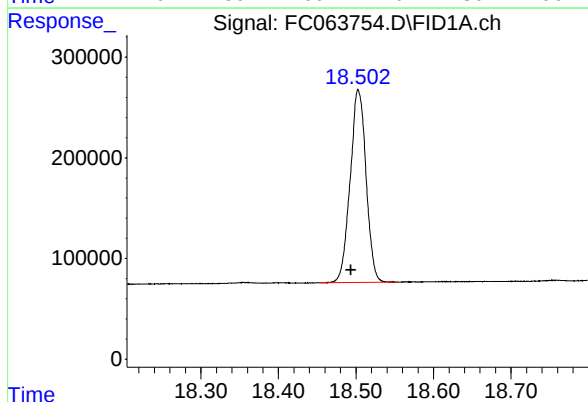
R.T.: 16.789 min
Delta R.T.: 0.008 min
Response: 2619340
Conc: 20.63 ug/ml



#17 n-Tricontane (C30)

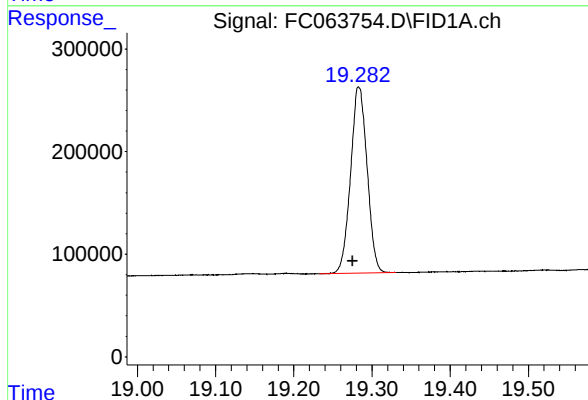
R.T.: 17.673 min
Delta R.T.: 0.006 min
Response: 2726432
Conc: 21.34 ug/ml

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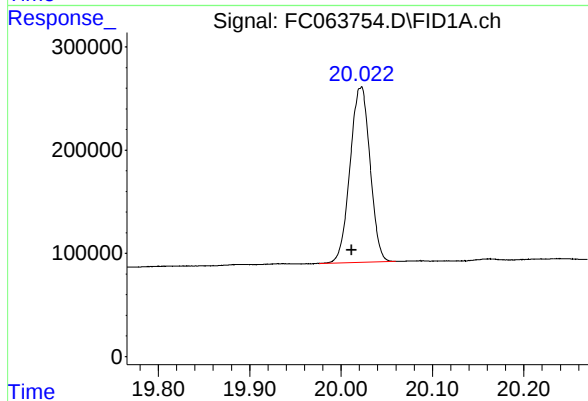
#18 n-Dotriacontane (C32)

R.T.: 18.503 min
Delta R.T.: 0.009 min
Response: 2725161
Conc: 21.90 ug/ml



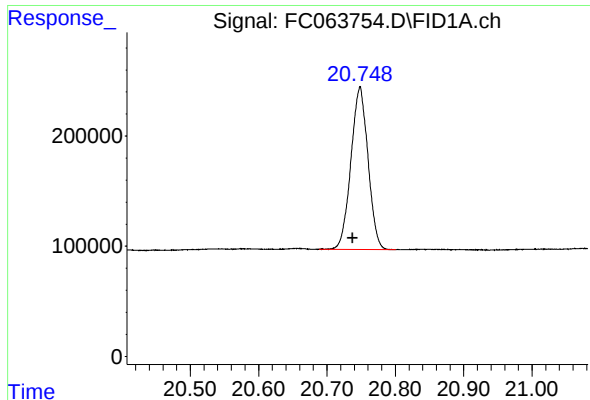
#19 n-Tetatriacontane (C34)

R.T.: 19.283 min
Delta R.T.: 0.008 min
Response: 2662843
Conc: 21.60 ug/ml



#20 n-Hexatriacontane (C36)

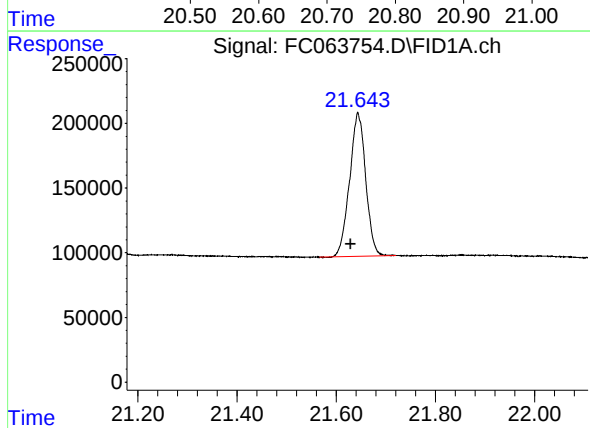
R.T.: 20.022 min
Delta R.T.: 0.010 min
Response: 2581203
Conc: 21.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: 0.011 min
Response: 2561658
Conc: 21.22 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.644 min
Delta R.T.: 0.014 min
Response: 2495431
Conc: 20.59 ug/ml