

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060623AL\
 Data File : FC063750.D
 Signal(s) : FID1A.ch
 Acq On : 06 Jun 2023 09:06
 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 13:17:10 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

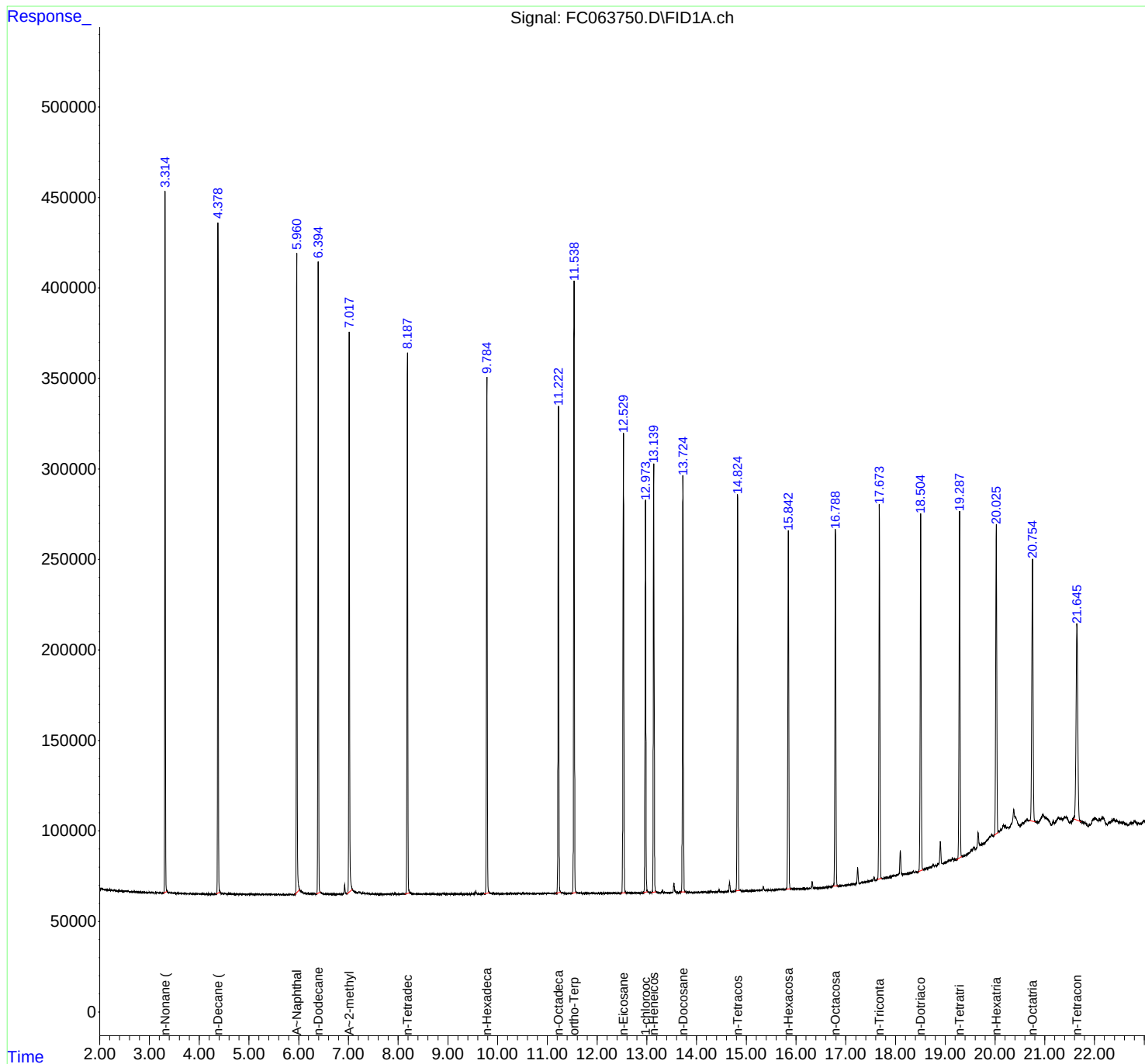
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.538	3588097	19.662 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
12) S 1-chlorooctadecane (S...	12.973	2538266	19.865 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.314	3231705	20.276 ug/ml
2) T n-Decane (C10)	4.378	3274653	20.258 ug/ml
3) T A~Naphthalene (C11.7)	5.961	3401606	19.580 ug/ml
4) T n-Dodecane (C12)	6.394	3263224	19.957 ug/ml
5) T A~2-methylnaphthalene...	7.017	3232137	19.730 ug/ml
6) T n-Tetradecane (C14)	8.187	3155276	20.063 ug/ml
7) T n-Hexadecane (C16)	9.785	3174159	19.946 ug/ml
8) T n-Octadecane (C18)	11.223	3131161	19.789 ug/ml
10) T n-Eicosane (C20)	12.529	2952227	19.962 ug/ml
11) T n-Heneicosane (C21)	13.139	2864497	19.900 ug/ml
13) T n-Docosane (C22)	13.724	2813598	19.973 ug/ml
14) T n-Tetracosane (C24)	14.824	2754537	20.074 ug/ml
15) T n-Hexacosane (C26)	15.843	2682523	20.231 ug/ml
16) T n-Octacosane (C28)	16.790	2635624	20.757 ug/ml
17) T n-Tricontane (C30)	17.674	2738088	21.431 ug/ml
18) T n-Dotriacontane (C32)	18.505	2734724	21.977 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2672255	21.673 ug/ml
20) T n-Hexatriacontane (C36)	20.025	2559340	21.324 ug/ml
21) T n-Octatriacontane (C38)	20.754	2606439	21.589 ug/ml
22) T n-Tetracontane (C40)	21.646	2582514	21.313 ug/ml

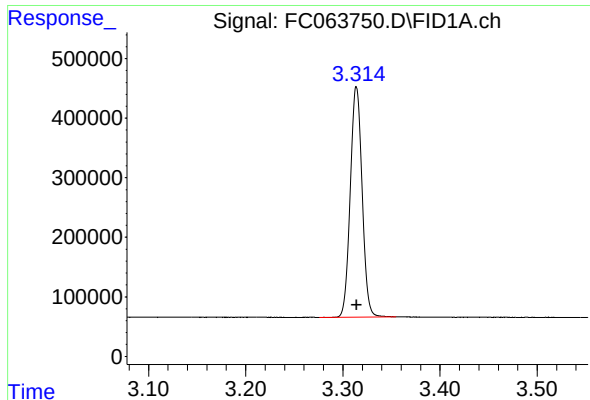
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

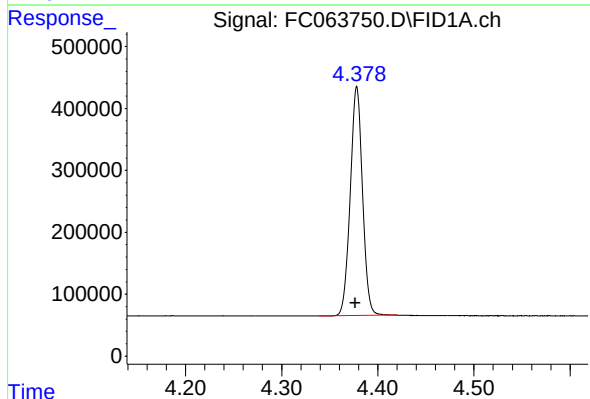




#1 n-Nonane (C9)

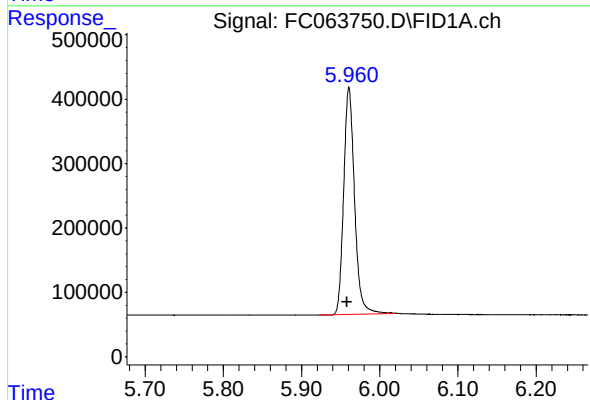
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 3231705
Conc: 20.28 ug/ml

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20 PPM ALIPHATIC HC STD



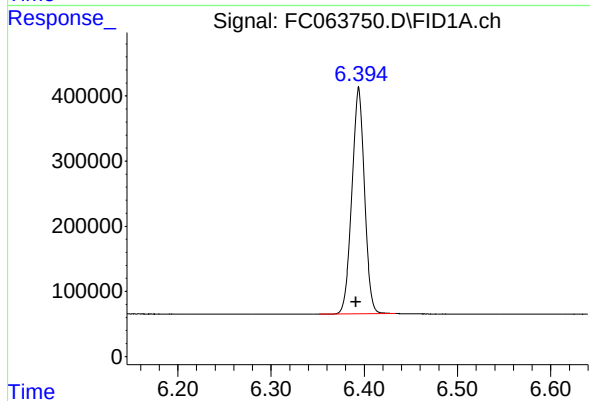
#2 n-Decane (C10)

R.T.: 4.378 min
Delta R.T.: 0.002 min
Response: 3274653
Conc: 20.26 ug/ml



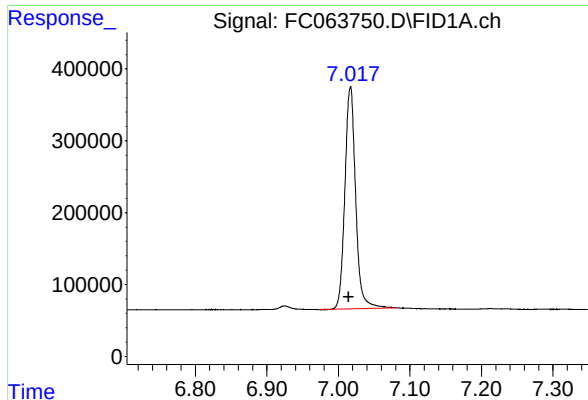
#3 A~Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: 0.002 min
Response: 3401606
Conc: 19.58 ug/ml



#4 n-Dodecane (C12)

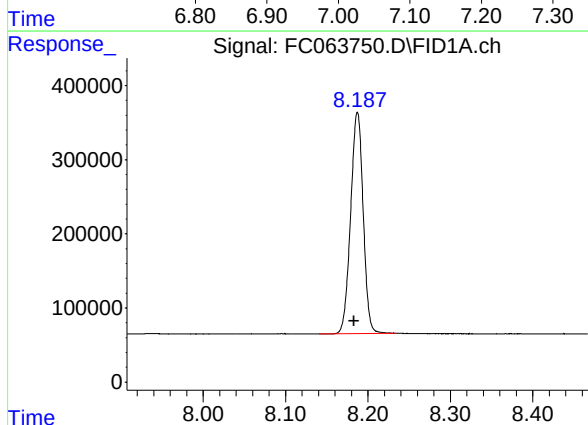
R.T.: 6.394 min
Delta R.T.: 0.003 min
Response: 3263224
Conc: 19.96 ug/ml



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

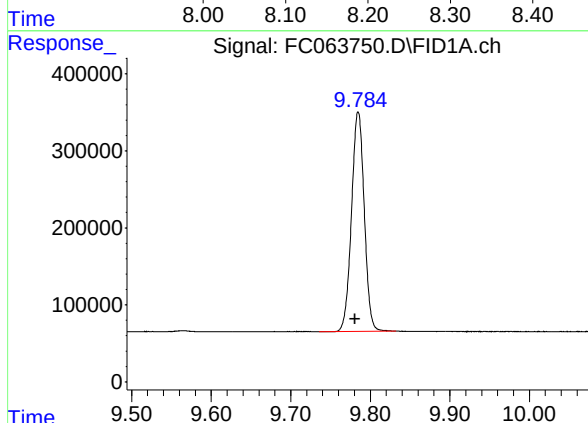
R.T.: 7.017 min
Delta R.T.: 0.003 min
Response: 3232137
Conc: 19.73 ug/ml

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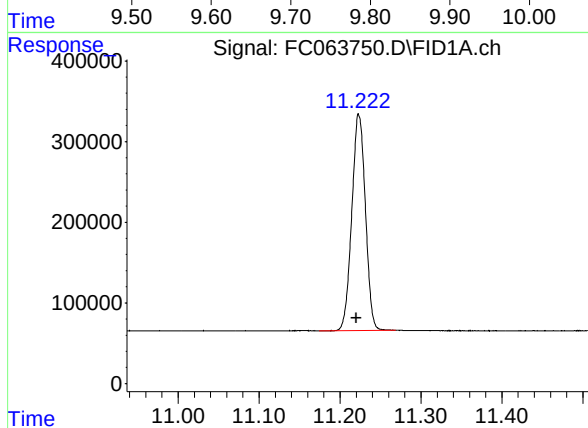
#6 n-Tetradecane (C14)

R.T.: 8.187 min
Delta R.T.: 0.004 min
Response: 3155276
Conc: 20.06 ug/ml



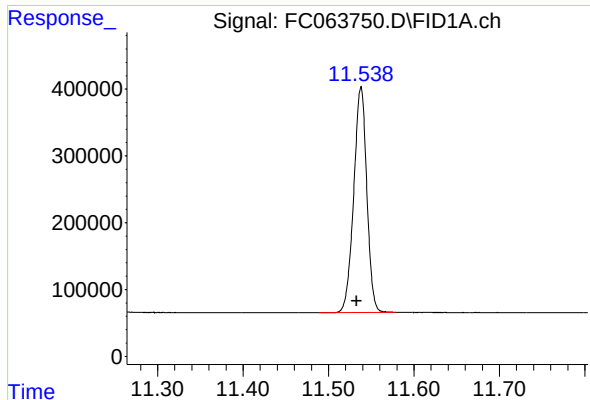
#7 n-Hexadecane (C16)

R.T.: 9.785 min
Delta R.T.: 0.004 min
Response: 3174159
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

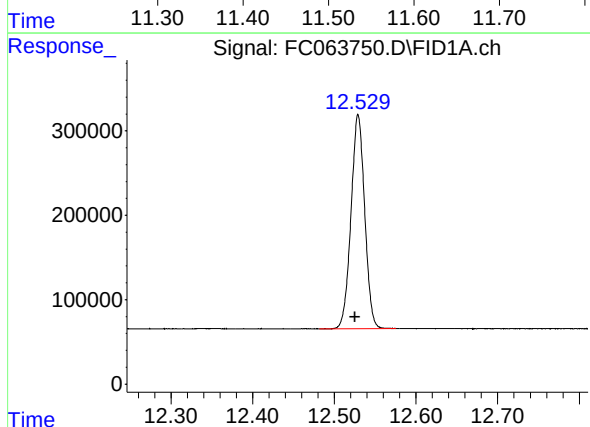
R.T.: 11.223 min
Delta R.T.: 0.003 min
Response: 3131161
Conc: 19.79 ug/ml



#9 ortho-Terphenyl (SURR)

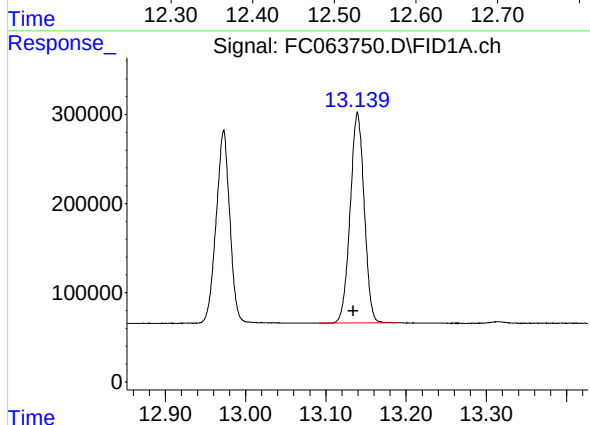
R.T.: 11.538 min
Delta R.T.: 0.005 min
Response: 3588097
Conc: 19.66 ug/ml

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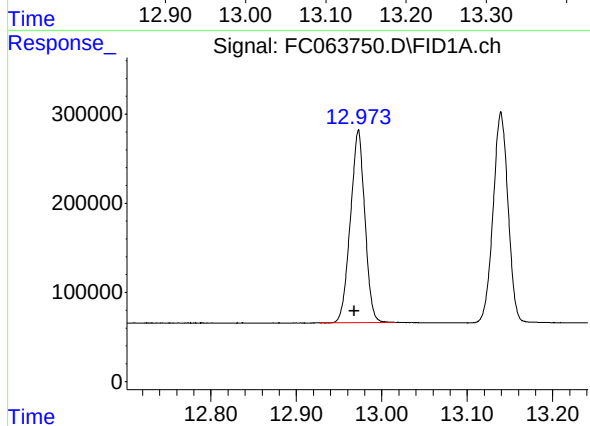
#10 n-Eicosane (C20)

R.T.: 12.529 min
Delta R.T.: 0.004 min
Response: 2952227
Conc: 19.96 ug/ml



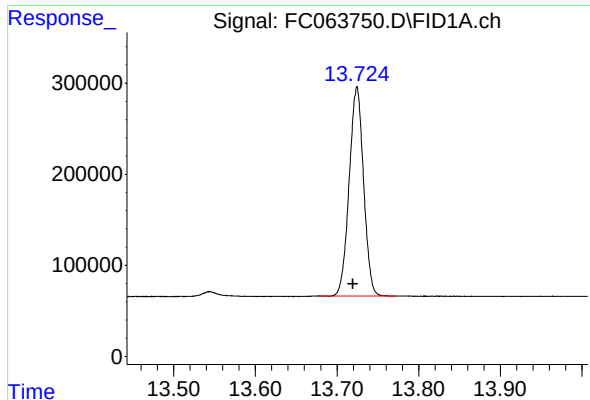
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.005 min
Response: 2864497
Conc: 19.90 ug/ml



#12 1-chlorooctadecane (SURR)

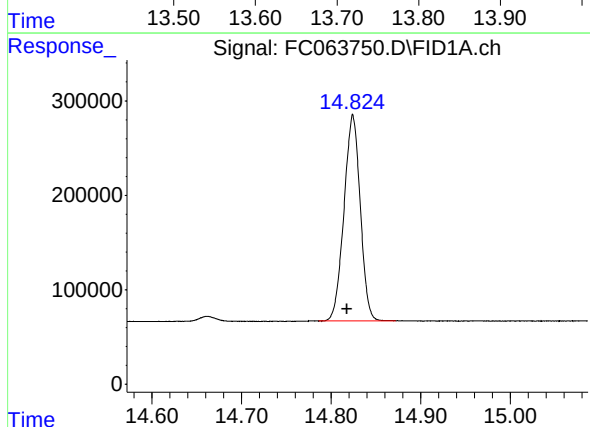
R.T.: 12.973 min
Delta R.T.: 0.005 min
Response: 2538266
Conc: 19.87 ug/ml



#13 n-Docosane (C22)

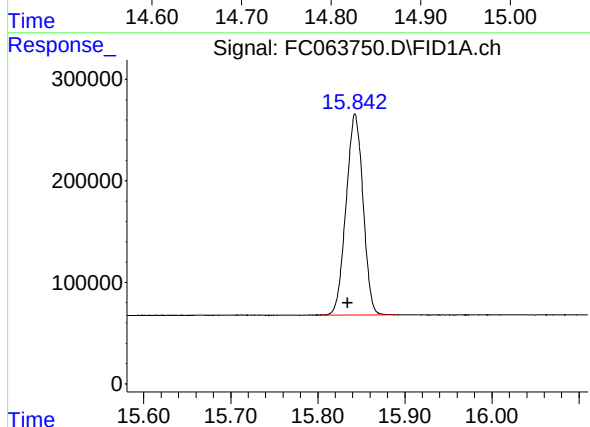
R.T.: 13.724 min
Delta R.T.: 0.005 min
Response: 2813598
Conc: 19.97 ug/ml

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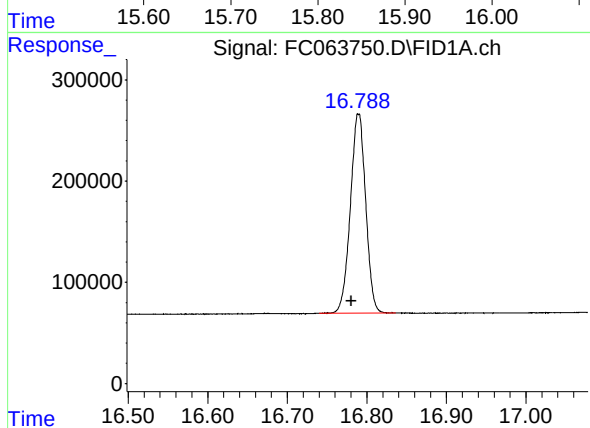
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.007 min
Response: 2754537
Conc: 20.07 ug/ml



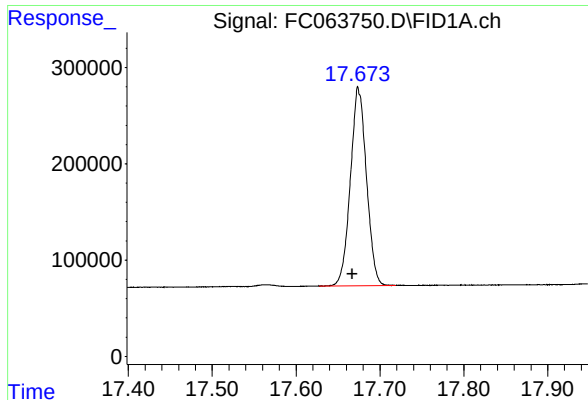
#15 n-Hexacosane (C26)

R.T.: 15.843 min
Delta R.T.: 0.009 min
Response: 2682523
Conc: 20.23 ug/ml



#16 n-Octacosane (C28)

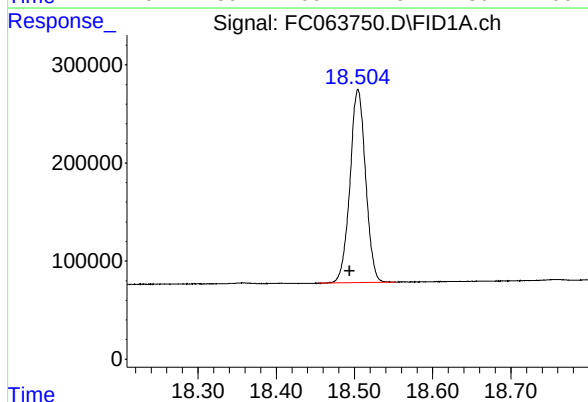
R.T.: 16.790 min
Delta R.T.: 0.009 min
Response: 2635624
Conc: 20.76 ug/ml



#17 n-Tricontane (C30)

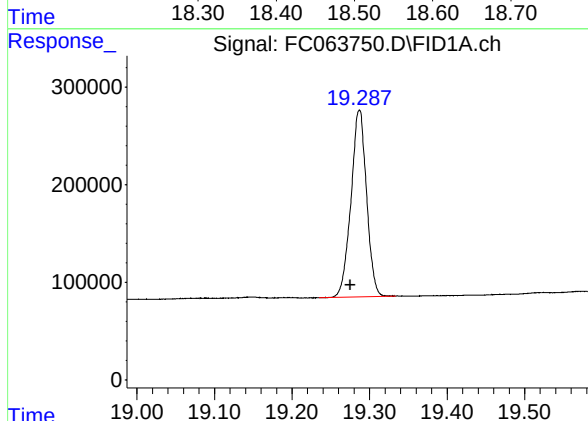
R.T.: 17.674 min
Delta R.T.: 0.007 min
Response: 2738088
Conc: 21.43 ug/ml

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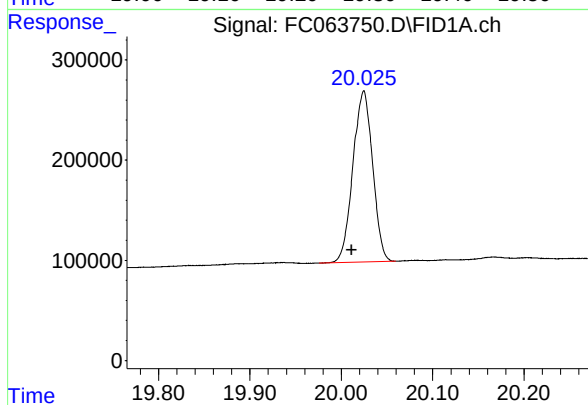
#18 n-Dotriacontane (C32)

R.T.: 18.505 min
Delta R.T.: 0.011 min
Response: 2734724
Conc: 21.98 ug/ml



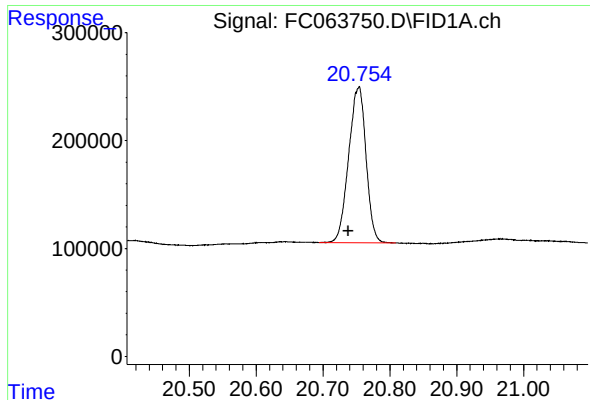
#19 n-Tetatriacontane (C34)

R.T.: 19.287 min
Delta R.T.: 0.012 min
Response: 2672255
Conc: 21.67 ug/ml



#20 n-Hexatriacontane (C36)

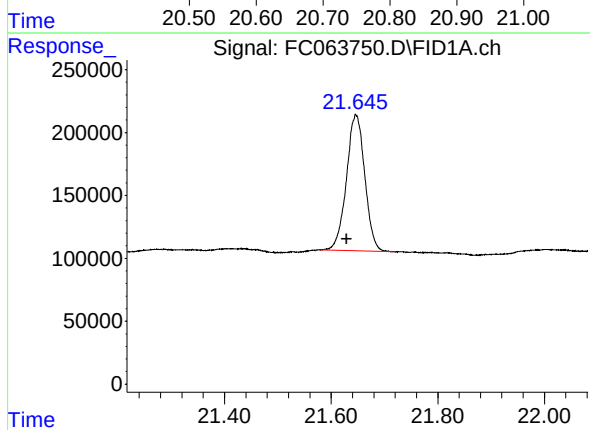
R.T.: 20.025 min
Delta R.T.: 0.013 min
Response: 2559340
Conc: 21.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: 0.016 min
Response: 2606439
Conc: 21.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.646 min
Delta R.T.: 0.017 min
Response: 2582514
Conc: 21.31 ug/ml