

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060723AL\
 Data File : FC063771.D
 Signal(s) : FID1A.ch
 Acq On : 07 Jun 2023 16:06
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 08 00:23:37 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)	11.537	3262099	17.876 ug/ml
Spiked Amount 50.000		Recovery =	35.75%
12) S 1-chlorooctadecane (S...	12.974	2343434	18.341 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
Target Compounds			
1) T n-Nonane (C9)	3.314	2866100	17.983 ug/ml
2) T n-Decane (C10)	4.377	2993129	18.516 ug/ml
3) T A~Naphthalene (C11.7)	5.960	3097202	17.828 ug/ml
4) T n-Dodecane (C12)	6.393	2982787	18.242 ug/ml
5) T A~2-methylnaphthalene...	7.017	2956657	18.048 ug/ml
6) T n-Tetradecane (C14)	8.186	2895619	18.412 ug/ml
7) T n-Hexadecane (C16)	9.783	2924385	18.376 ug/ml
8) T n-Octadecane (C18)	11.222	2899807	18.327 ug/ml
10) T n-Eicosane (C20)	12.530	2738127	18.514 ug/ml
11) T n-Heneicosane (C21)	13.139	2656861	18.458 ug/ml
13) T n-Docosane (C22)	13.725	2603941	18.484 ug/ml
14) T n-Tetracosane (C24)	14.824	2581254	18.811 ug/ml
15) T n-Hexacosane (C26)	15.844	2553672	19.259 ug/ml
16) T n-Octacosane (C28)	16.791	2565411	20.204 ug/ml
17) T n-Tricontane (C30)	17.675	2759897	21.602 ug/ml
18) T n-Dotriacontane (C32)	18.507	2792790	22.444 ug/ml
19) T n-Tetratriacontane (C34)	19.288	2667354	21.633 ug/ml
20) T n-Hexatriacontane (C36)	20.024	2504224	20.865 ug/ml
21) T n-Octatriacontane (C38)	20.751	2484336	20.577 ug/ml
22) T n-Tetracontane (C40)	21.648	2426681	20.027 ug/ml

(f)=RT Delta > 1/2 Window

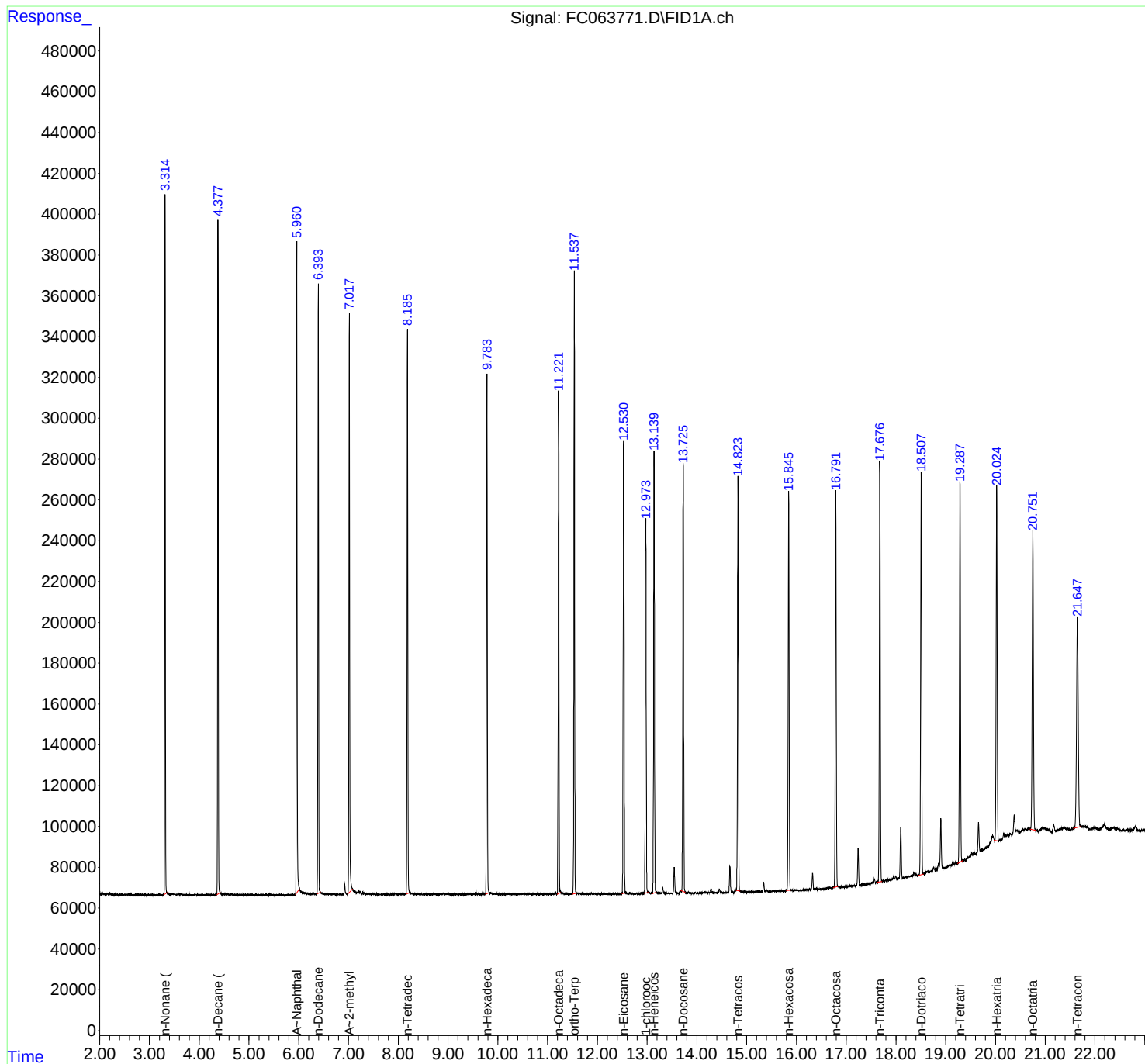
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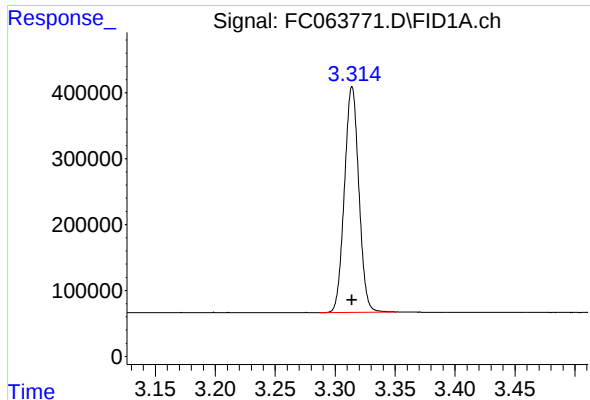
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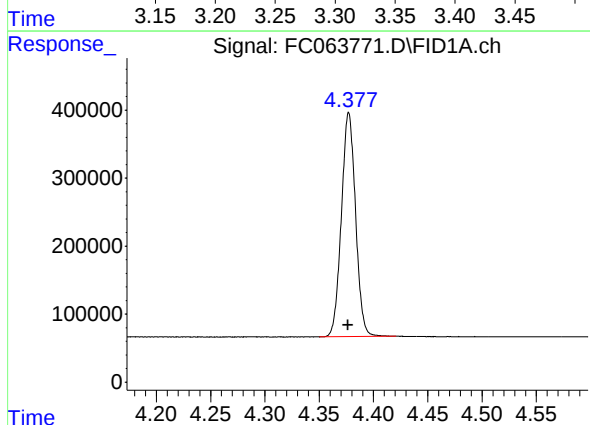




#1 n-Nonane (C9)

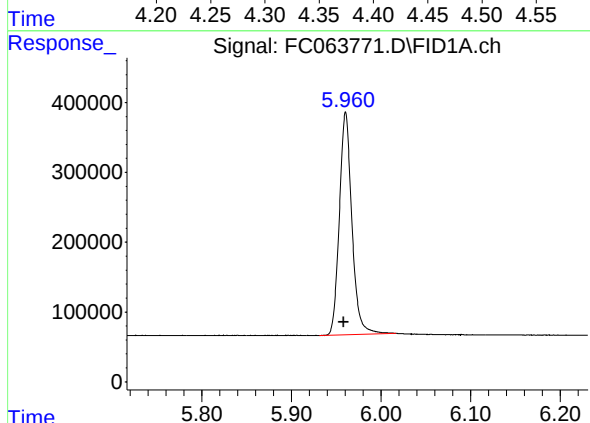
R.T.: 3.314 min
Delta R.T.: 0.000 min
Response: 2866100
Conc: 17.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



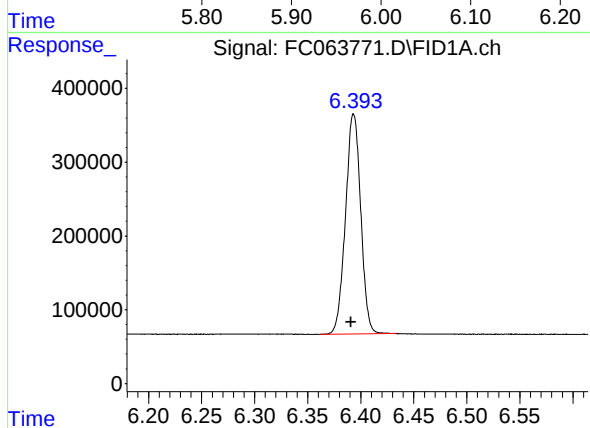
#2 n-Decane (C10)

R.T.: 4.377 min
Delta R.T.: 0.000 min
Response: 2993129
Conc: 18.52 ug/ml



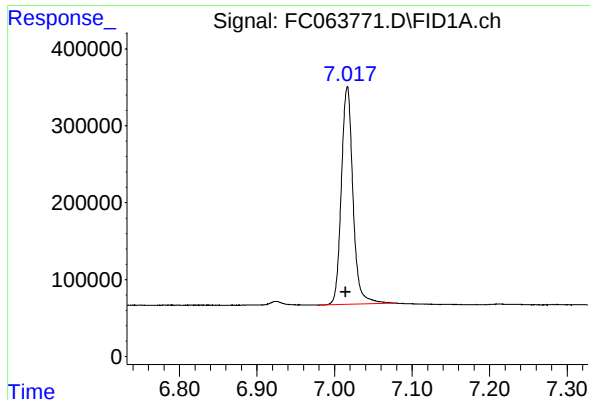
#3 A~Naphthalene (C11.7)

R.T.: 5.960 min
Delta R.T.: 0.002 min
Response: 3097202
Conc: 17.83 ug/ml



#4 n-Dodecane (C12)

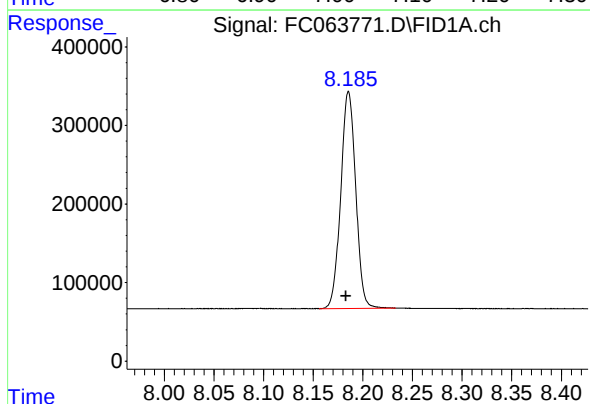
R.T.: 6.393 min
Delta R.T.: 0.002 min
Response: 2982787
Conc: 18.24 ug/ml



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

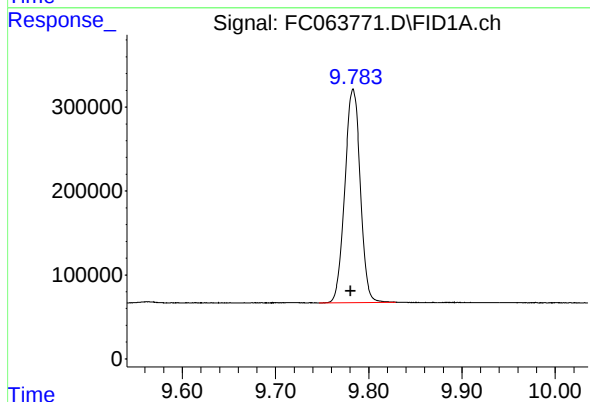
R.T.: 7.017 min
Delta R.T.: 0.002 min
Response: 2956657
Conc: 18.05 ug/ml

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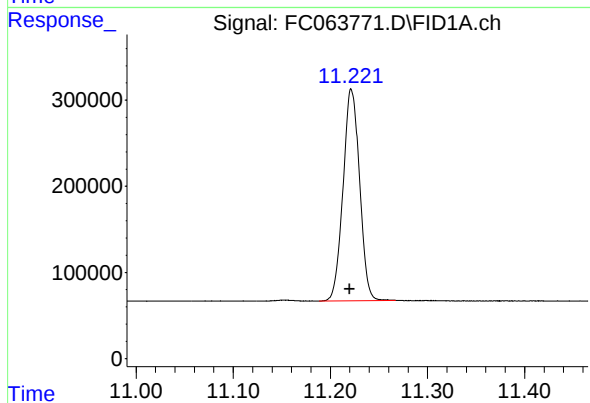
#6 n-Tetradecane (C14)

R.T.: 8.186 min
Delta R.T.: 0.003 min
Response: 2895619
Conc: 18.41 ug/ml



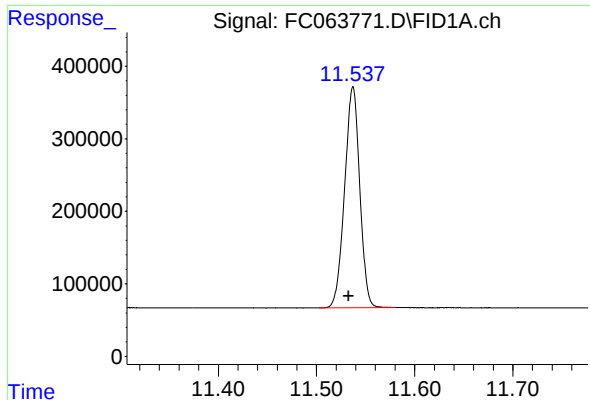
#7 n-Hexadecane (C16)

R.T.: 9.783 min
Delta R.T.: 0.002 min
Response: 2924385
Conc: 18.38 ug/ml



#8 n-Octadecane (C18)

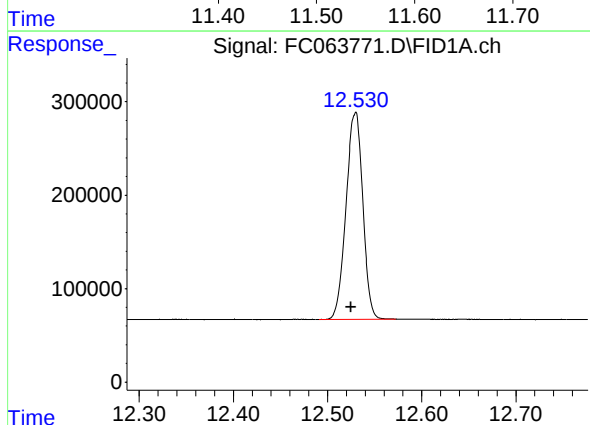
R.T.: 11.222 min
Delta R.T.: 0.002 min
Response: 2899807
Conc: 18.33 ug/ml



#9 ortho-Terphenyl (SURR)

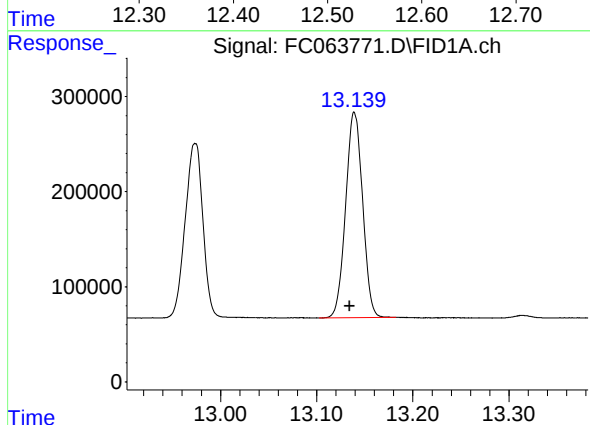
R.T.: 11.537 min
Delta R.T.: 0.004 min
Response: 3262099
Conc: 17.88 ug/ml

Instrument :
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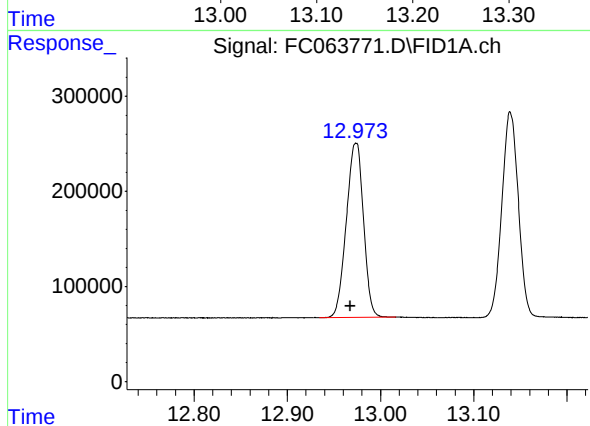
#10 n-Eicosane (C20)

R.T.: 12.530 min
Delta R.T.: 0.005 min
Response: 2738127
Conc: 18.51 ug/ml



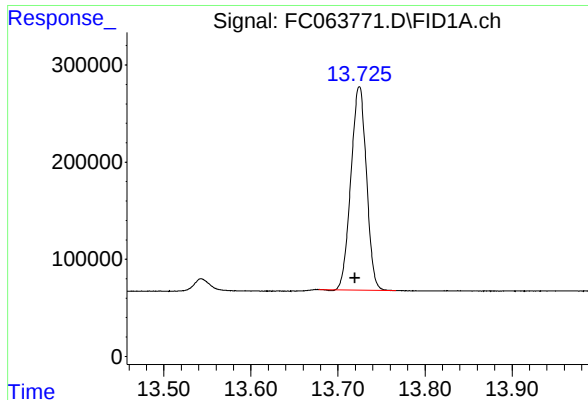
#11 n-Heneicosane (C21)

R.T.: 13.139 min
Delta R.T.: 0.005 min
Response: 2656861
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

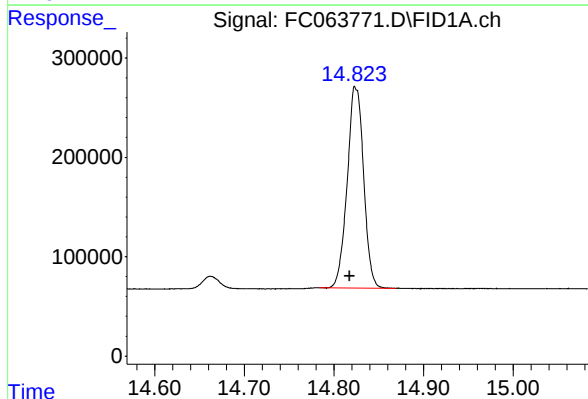
R.T.: 12.974 min
Delta R.T.: 0.006 min
Response: 2343434
Conc: 18.34 ug/ml



#13 n-Docosane (C22)

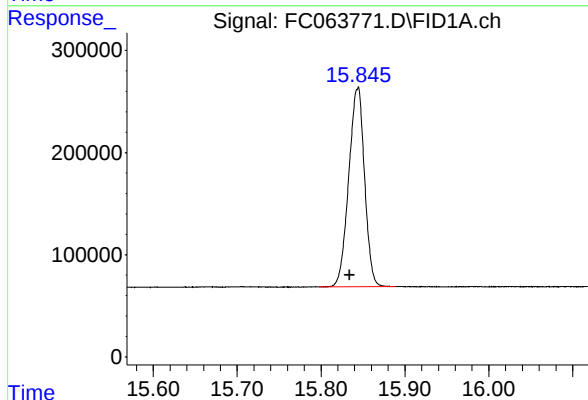
R.T.: 13.725 min
Delta R.T.: 0.005 min
Response: 2603941
Conc: 18.48 ug/ml

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20 PPM ALIPHATIC HC STD



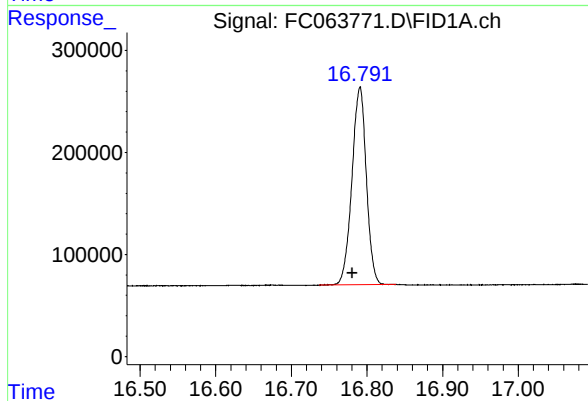
#14 n-Tetracosane (C24)

R.T.: 14.824 min
Delta R.T.: 0.006 min
Response: 2581254
Conc: 18.81 ug/ml



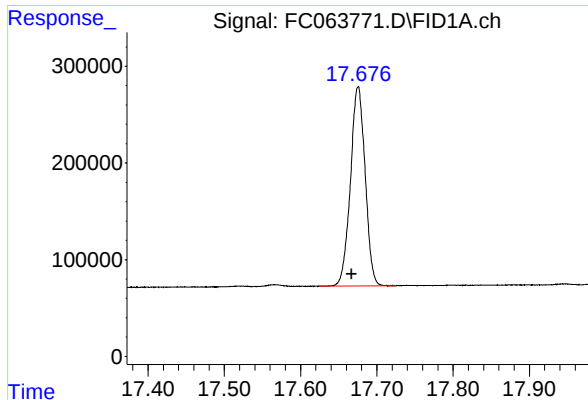
#15 n-Hexacosane (C26)

R.T.: 15.844 min
Delta R.T.: 0.010 min
Response: 2553672
Conc: 19.26 ug/ml



#16 n-Octacosane (C28)

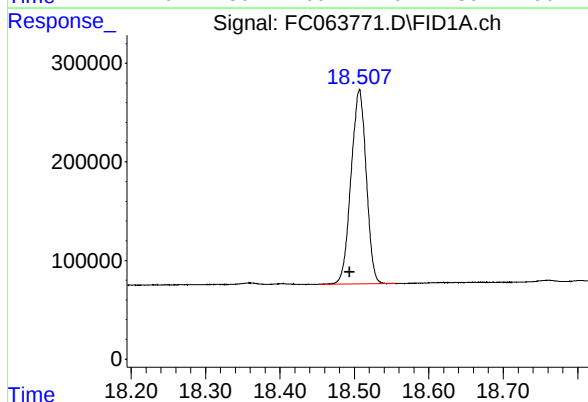
R.T.: 16.791 min
Delta R.T.: 0.010 min
Response: 2565411
Conc: 20.20 ug/ml



#17 n-Tricontane (C30)

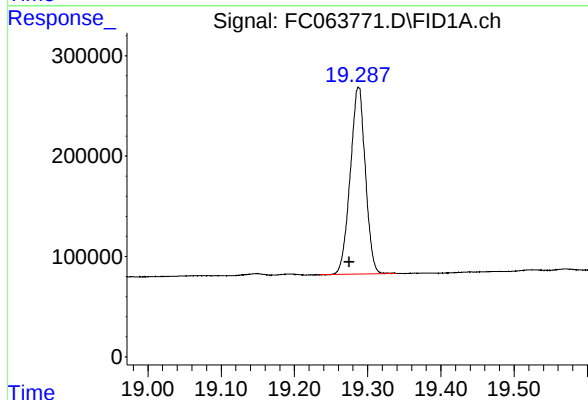
R.T.: 17.675 min
Delta R.T.: 0.008 min
Response: 2759897
Conc: 21.60 ug/ml

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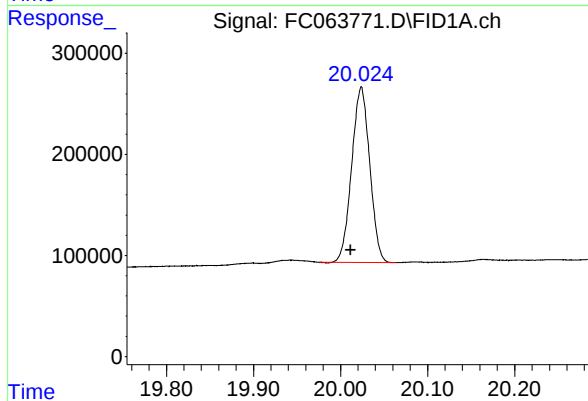
#18 n-Dotriacontane (C32)

R.T.: 18.507 min
Delta R.T.: 0.013 min
Response: 2792790
Conc: 22.44 ug/ml



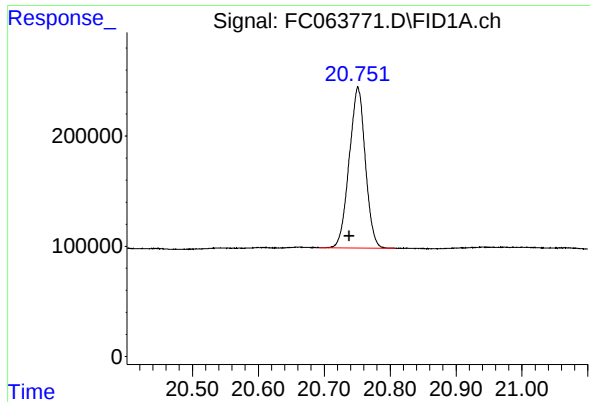
#19 n-Tetatriacontane (C34)

R.T.: 19.288 min
Delta R.T.: 0.012 min
Response: 2667354
Conc: 21.63 ug/ml



#20 n-Hexatriacontane (C36)

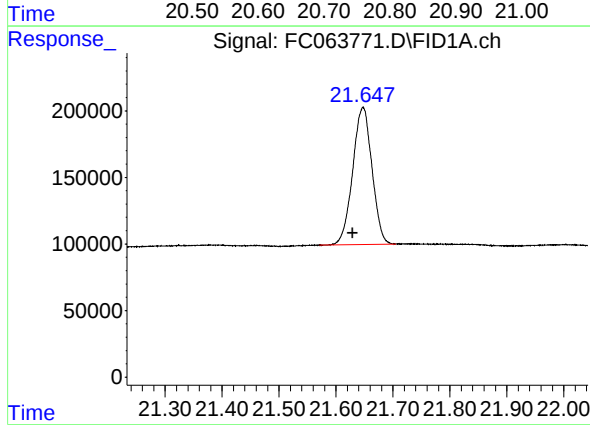
R.T.: 20.024 min
Delta R.T.: 0.012 min
Response: 2504224
Conc: 20.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.751 min
Delta R.T.: 0.014 min
Response: 2484336
Conc: 20.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.648 min
Delta R.T.: 0.018 min
Response: 2426681
Conc: 20.03 ug/ml