

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032323AL\
 Data File : FC063227.D
 Signal(s) : FID1A.ch
 Acq On : 23 Mar 2023 22:24
 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: Mar 24 01:55:18 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 031523.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 16 01:30:46 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)	11.531	2338262	17.860 ug/ml
Spiked Amount 50.000		Recovery =	35.72%
12) S 1-chlorooctadecane (S...	12.969	1768425	18.328 ug/ml
Spiked Amount 50.000		Recovery =	36.66%
Target Compounds			
1) T n-Nonane (C9)	3.291	2085936	17.245 ug/ml
2) T n-Decane (C10)	4.360	2075059	17.635 ug/ml
3) T A~Naphthalene (C11.7)	5.944	2279284	17.701 ug/ml
4) T n-Dodecane (C12)	6.380	2068336	17.602 ug/ml
5) T A~2-methylnaphthalene...	7.001	2114671	17.979 ug/ml
6) T n-Tetradecane (C14)	8.176	2014019	17.494 ug/ml
7) T n-Hexadecane (C16)	9.777	2102679	18.049 ug/ml
8) T n-Octadecane (C18)	11.218	2138978	18.092 ug/ml
10) T n-Eicosane (C20)	12.525	2077135	18.031 ug/ml
11) T n-Heneicosane (C21)	13.137	2081807	18.062 ug/ml
13) T n-Docosane (C22)	13.722	2059655	18.087 ug/ml
14) T n-Tetracosane (C24)	14.823	2055749	18.082 ug/ml
15) T n-Hexacosane (C26)	15.842	2050511	18.221 ug/ml
16) T n-Octacosane (C28)	16.791	2102585	18.683 ug/ml
17) T n-Tricontane (C30)	17.678	2236602	19.664 ug/ml
18) T n-Dotriacontane (C32)	18.508	2338197	20.209 ug/ml
19) T n-Tetratriacontane (C34)	19.290	2263440	19.692 ug/ml
20) T n-Hexatriacontane (C36)	20.026	2105660	19.270 ug/ml
21) T n-Octatriacontane (C38)	20.754	2059957	19.065 ug/ml
22) T n-Tetracontane (C40)	21.651	2020279	19.078 ug/ml

(f)=RT Delta > 1/2 Window

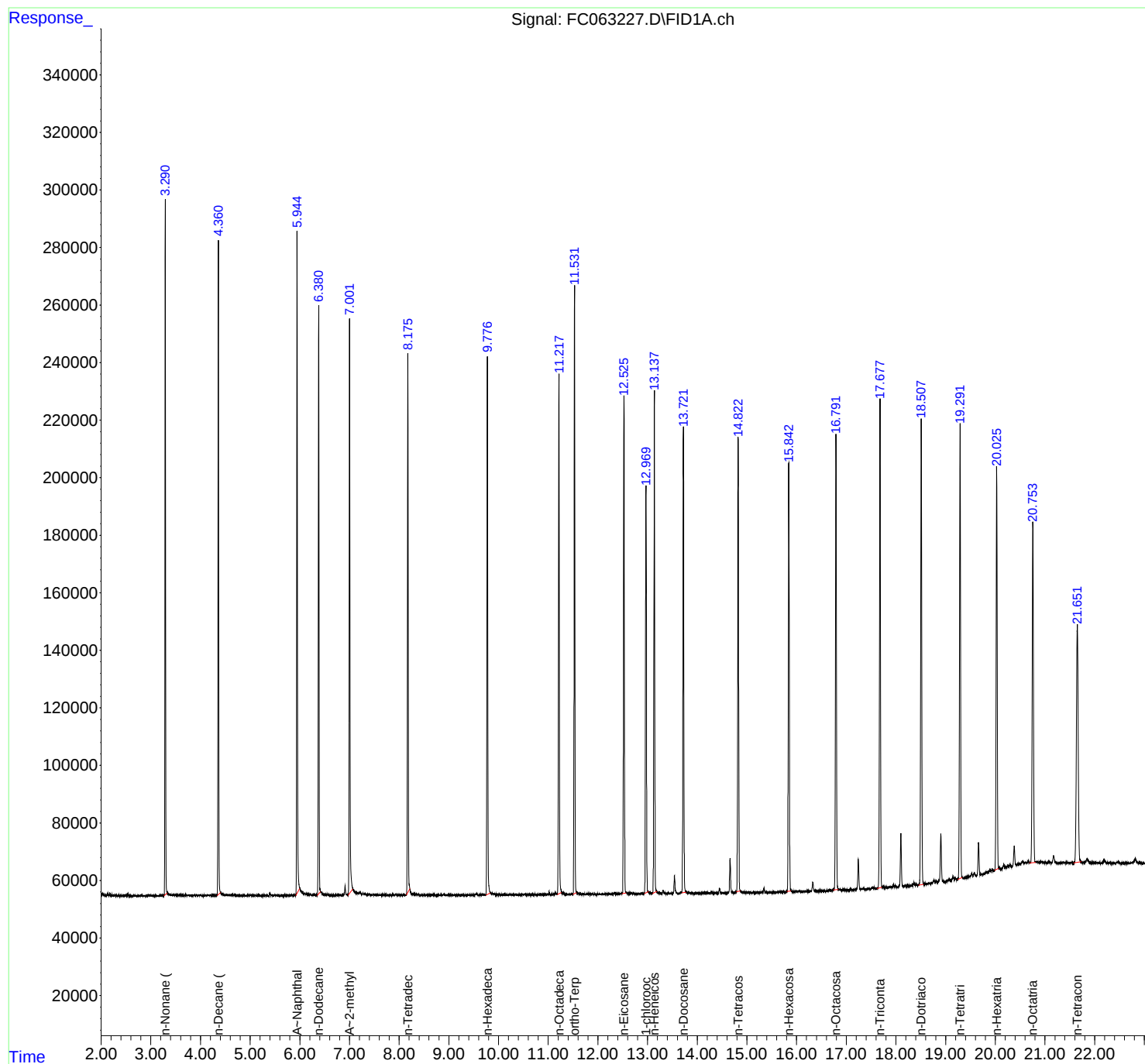
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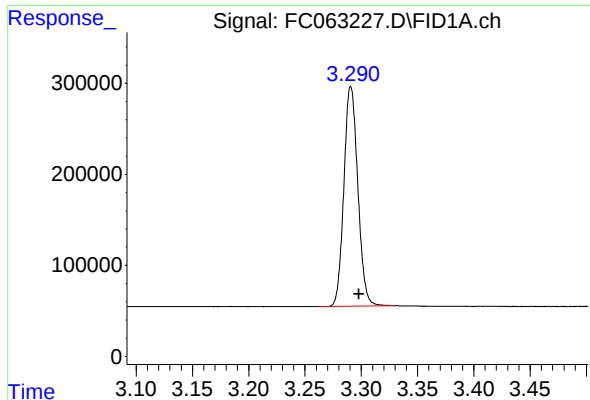
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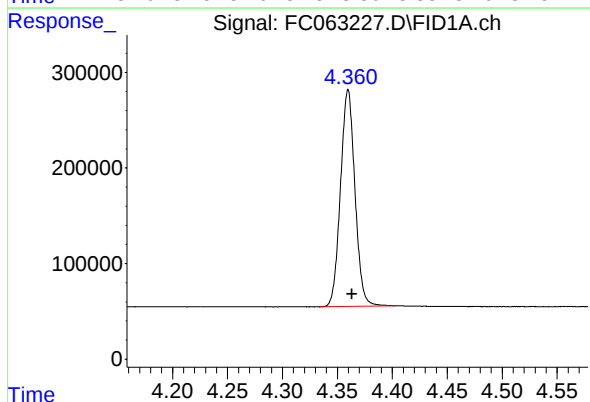




#1 n-Nonane (C9)

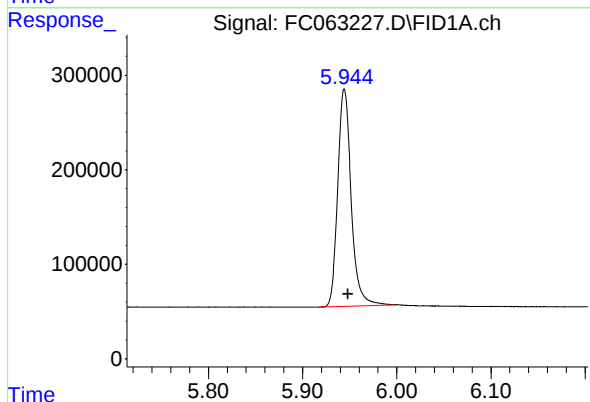
R.T.: 3.291 min
Delta R.T.: -0.007 min
Response: 2085936
Conc: 17.24 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



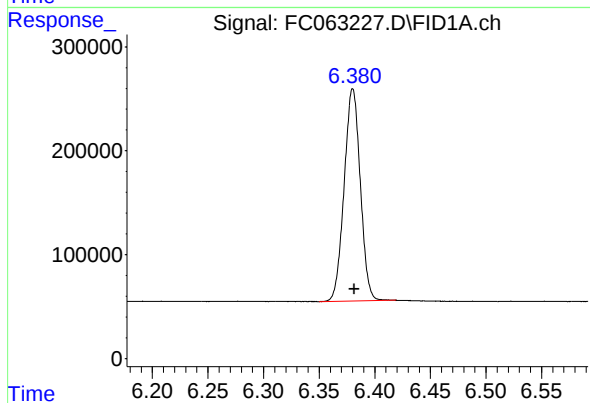
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.004 min
Response: 2075059
Conc: 17.64 ug/ml



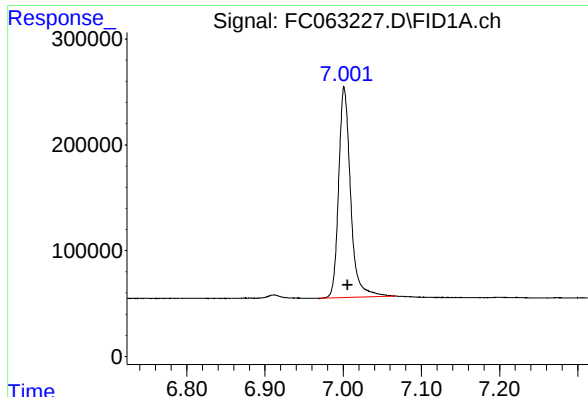
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 2279284
Conc: 17.70 ug/ml



#4 n-Dodecane (C12)

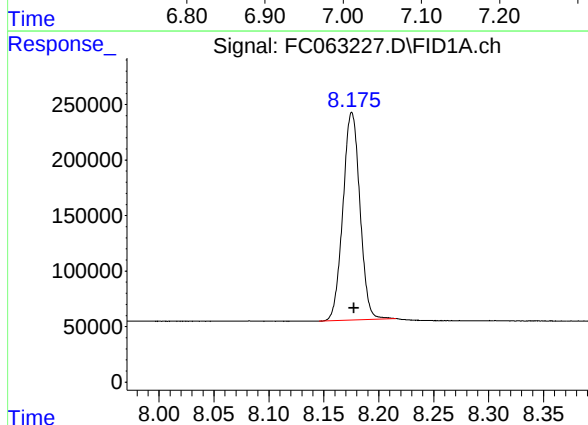
R.T.: 6.380 min
Delta R.T.: -0.001 min
Response: 2068336
Conc: 17.60 ug/ml



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

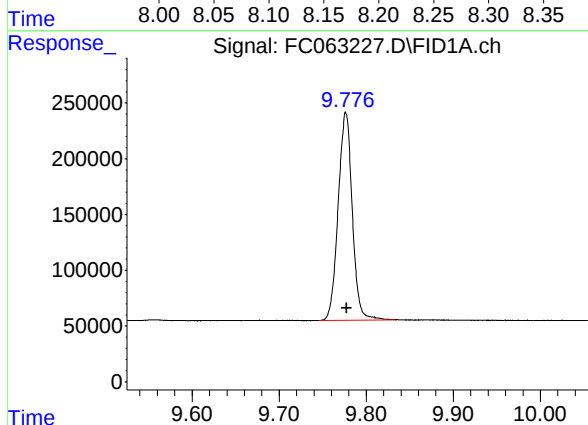
R.T.: 7.001 min
Delta R.T.: -0.004 min
Response: 2114671
Conc: 17.98 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



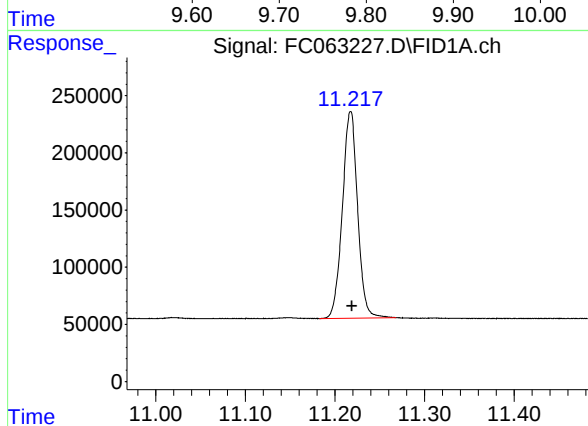
#6 n-Tetradecane (C14)

R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 2014019
Conc: 17.49 ug/ml



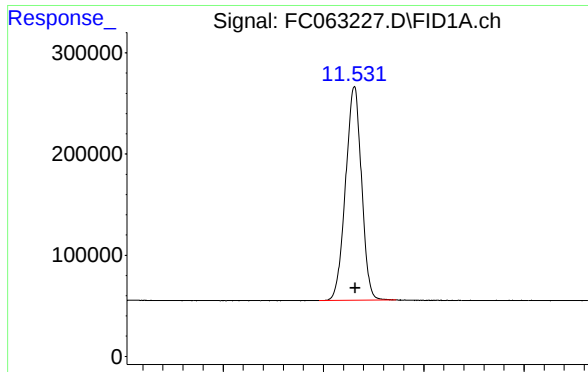
#7 n-Hexadecane (C16)

R.T.: 9.777 min
Delta R.T.: 0.000 min
Response: 2102679
Conc: 18.05 ug/ml



#8 n-Octadecane (C18)

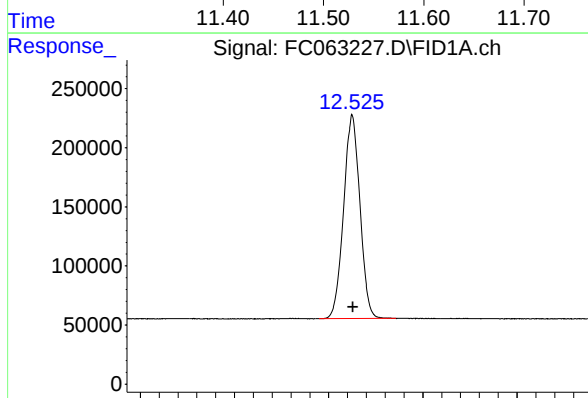
R.T.: 11.218 min
Delta R.T.: -0.002 min
Response: 2138978
Conc: 18.09 ug/ml



#9 ortho-Terphenyl (SURR)

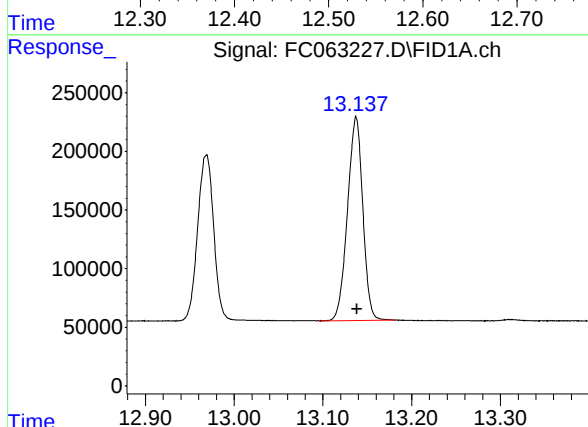
R.T.: 11.531 min
Delta R.T.: 0.000 min
Response: 2338262
Conc: 17.86 ug/ml

Instrument :
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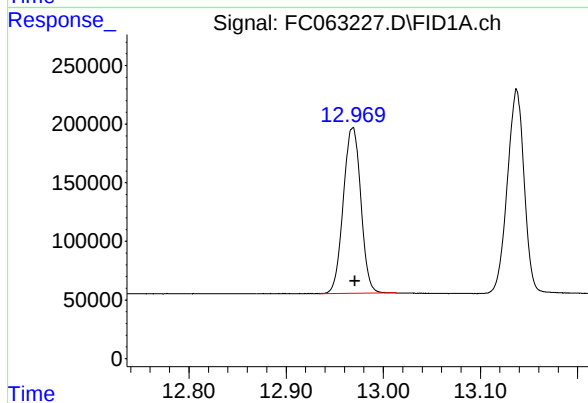
#10 n-Eicosane (C20)

R.T.: 12.525 min
Delta R.T.: 0.000 min
Response: 2077135
Conc: 18.03 ug/ml



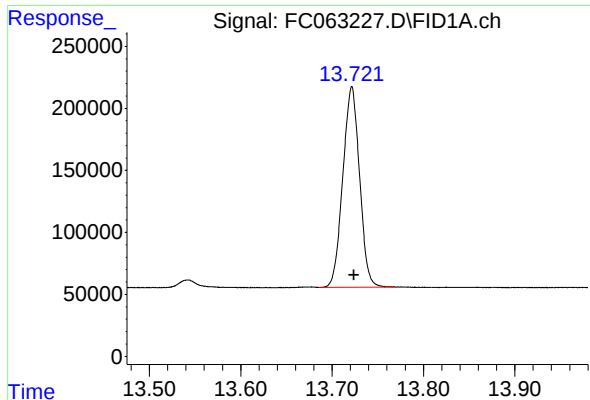
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.000 min
Response: 2081807
Conc: 18.06 ug/ml



#12 1-chlorooctadecane (SURR)

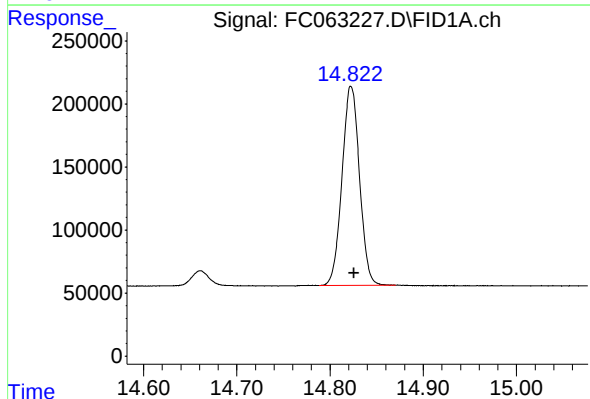
R.T.: 12.969 min
Delta R.T.: -0.002 min
Response: 1768425
Conc: 18.33 ug/ml



#13 n-Docosane (C22)

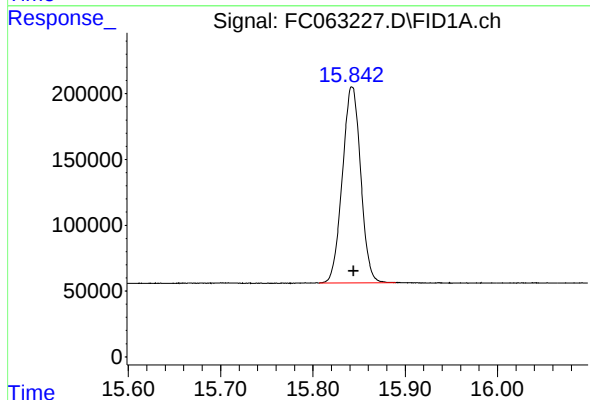
R.T.: 13.722 min
Delta R.T.: -0.002 min
Response: 2059655
Conc: 18.09 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



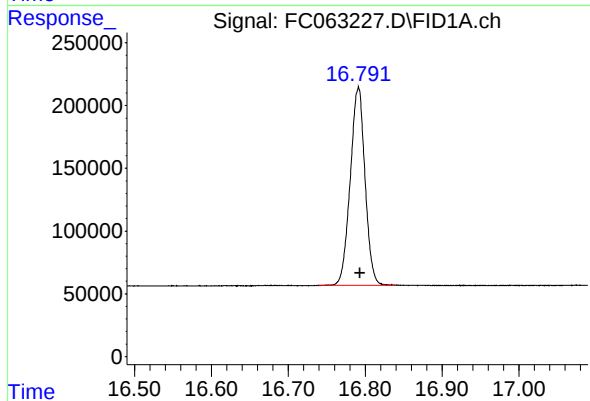
#14 n-Tetracosane (C24)

R.T.: 14.823 min
Delta R.T.: -0.003 min
Response: 2055749
Conc: 18.08 ug/ml



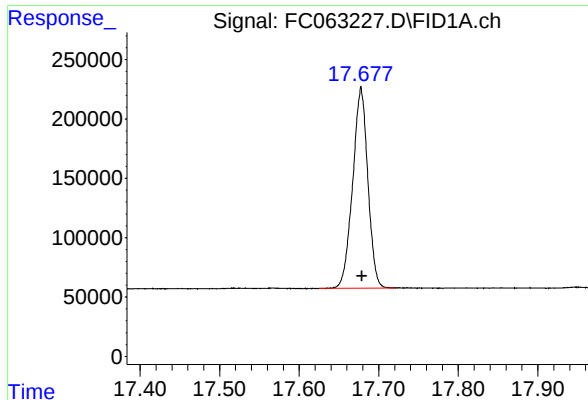
#15 n-Hexacosane (C26)

R.T.: 15.842 min
Delta R.T.: -0.002 min
Response: 2050511
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

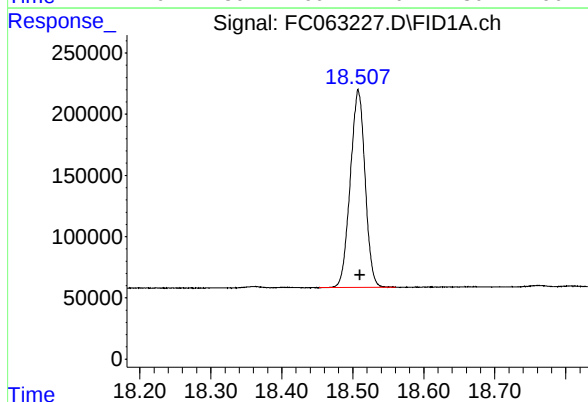
R.T.: 16.791 min
Delta R.T.: -0.002 min
Response: 2102585
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

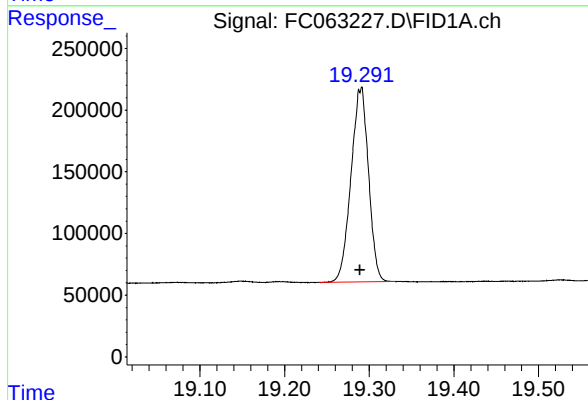
R.T.: 17.678 min
Delta R.T.: -0.001 min
Response: 2236602
Conc: 19.66 ug/ml

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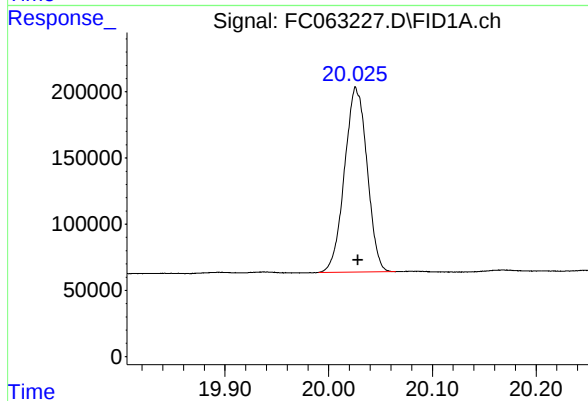
#18 n-Dotriacontane (C32)

R.T.: 18.508 min
Delta R.T.: -0.003 min
Response: 2338197
Conc: 20.21 ug/ml



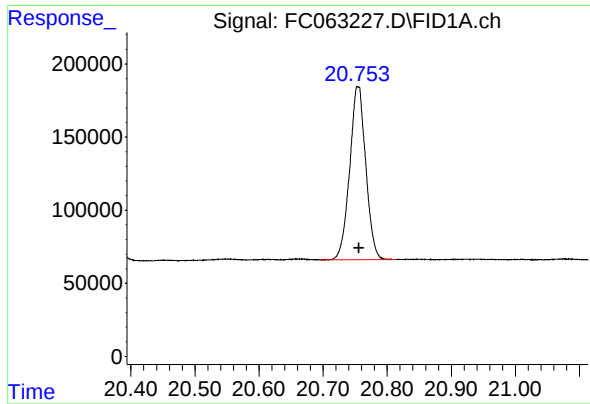
#19 n-Tetratriacontane (C34)

R.T.: 19.290 min
Delta R.T.: 0.001 min
Response: 2263440
Conc: 19.69 ug/ml



#20 n-Hexatriacontane (C36)

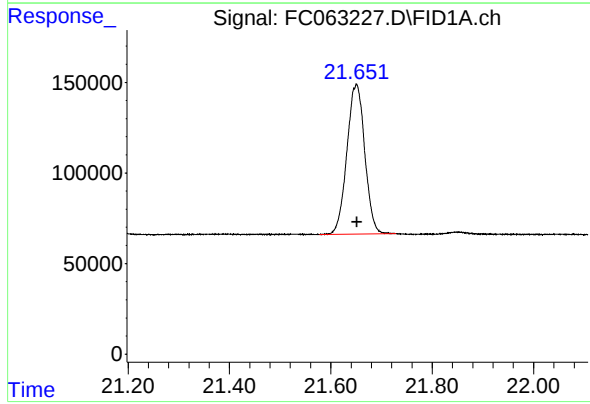
R.T.: 20.026 min
Delta R.T.: -0.002 min
Response: 2105660
Conc: 19.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.754 min
Delta R.T.: -0.002 min
Response: 2059957
Conc: 19.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.651 min
Delta R.T.: 0.000 min
Response: 2020279
Conc: 19.08 ug/ml