

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061323AL\
 Data File : FC063827.D
 Signal(s) : FID1A.ch
 Acq On : 13 Jun 2023 08:05
 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 14 01:00:02 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)	11.535	3290219	18.030 ug/ml
Spiked Amount 50.000		Recovery =	36.06%
12) S 1-chlorooctadecane (S...	12.970	2375430	18.591 ug/ml
Spiked Amount 50.000		Recovery =	37.18%
Target Compounds			
1) T n-Nonane (C9)	3.311	2862886	17.962 ug/ml
2) T n-Decane (C10)	4.375	3029950	18.744 ug/ml
3) T A~Naphthalene (C11.7)	5.958	3164789	18.217 ug/ml
4) T n-Dodecane (C12)	6.391	3006290	18.386 ug/ml
5) T A~2-methylnaphthalene...	7.014	3001280	18.320 ug/ml
6) T n-Tetradecane (C14)	8.184	2909131	18.498 ug/ml
7) T n-Hexadecane (C16)	9.781	2950641	18.541 ug/ml
8) T n-Octadecane (C18)	11.221	2925153	18.487 ug/ml
10) T n-Eicosane (C20)	12.527	2773164	18.751 ug/ml
11) T n-Heneicosane (C21)	13.137	2690356	18.690 ug/ml
13) T n-Docosane (C22)	13.722	2678798	19.016 ug/ml
14) T n-Tetracosane (C24)	14.822	2667822	19.442 ug/ml
15) T n-Hexacosane (C26)	15.839	2610118	19.685 ug/ml
16) T n-Octacosane (C28)	16.786	2649920	20.869 ug/ml
17) T n-Tricontane (C30)	17.672	2864897	22.423 ug/ml
18) T n-Dotriacontane (C32)	18.502	2908626	23.375 ug/ml
19) T n-Tetratriacontane (C34)	19.283	2769329	22.460 ug/ml
20) T n-Hexatriacontane (C36)	20.021	2602078	21.680 ug/ml
21) T n-Octatriacontane (C38)	20.748	2518056	20.857 ug/ml
22) T n-Tetracontane (C40)	21.642	2504338	20.668 ug/ml

(f)=RT Delta > 1/2 Window

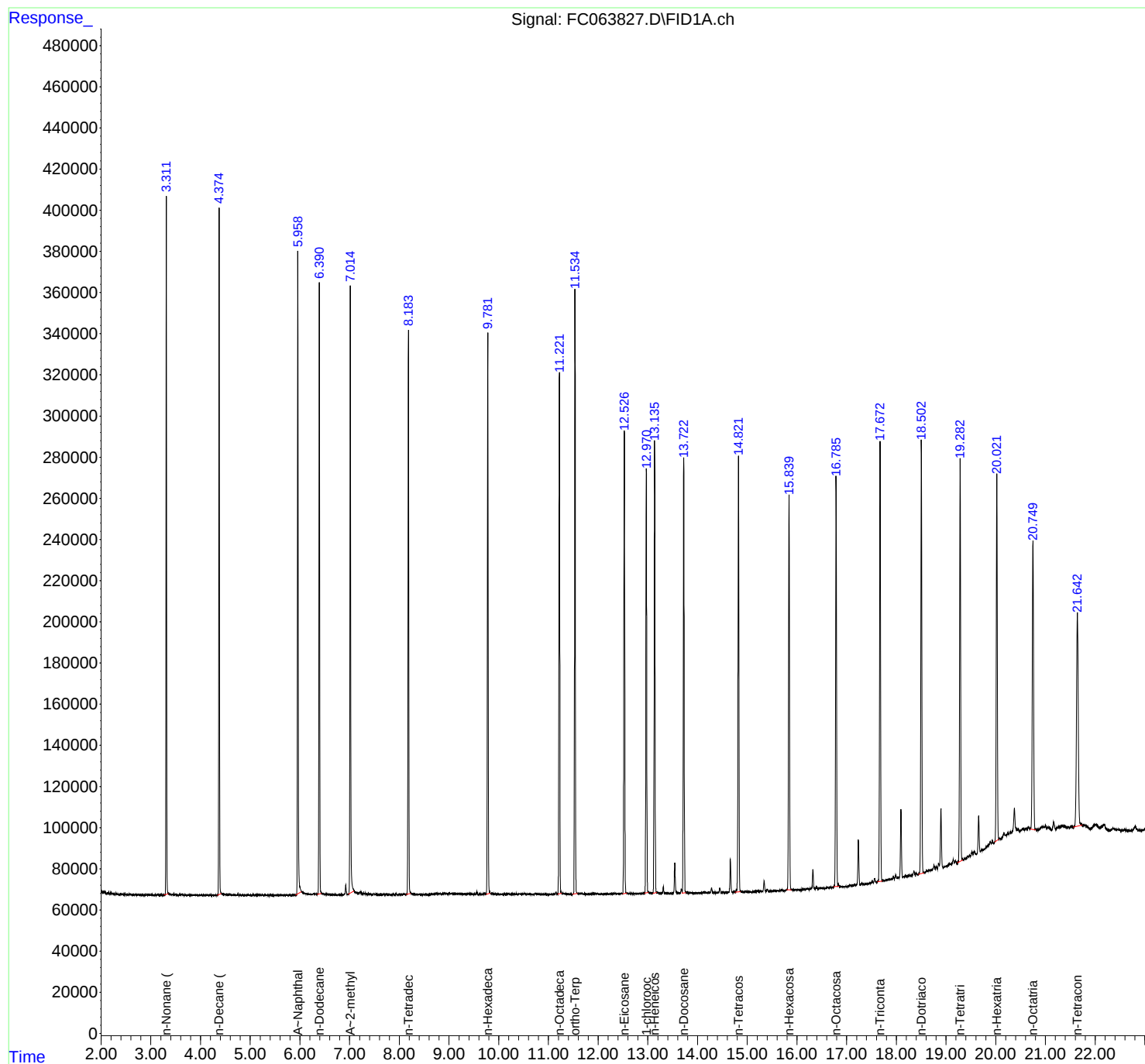
(m)=manual int.

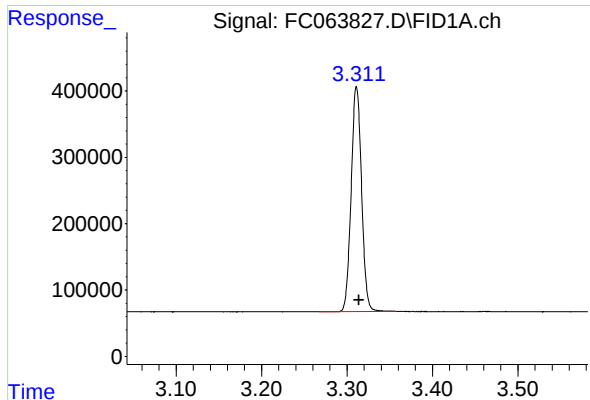
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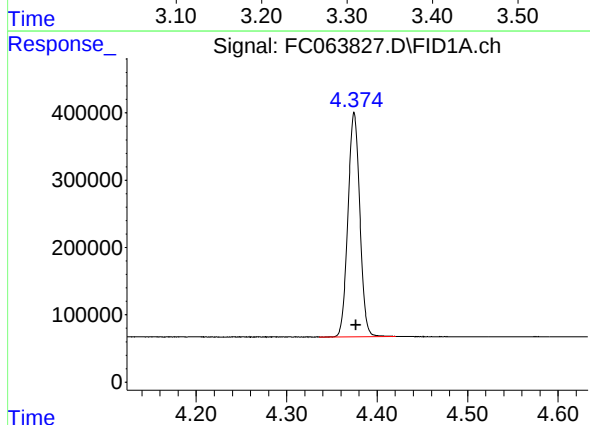




#1 n-Nonane (C9)

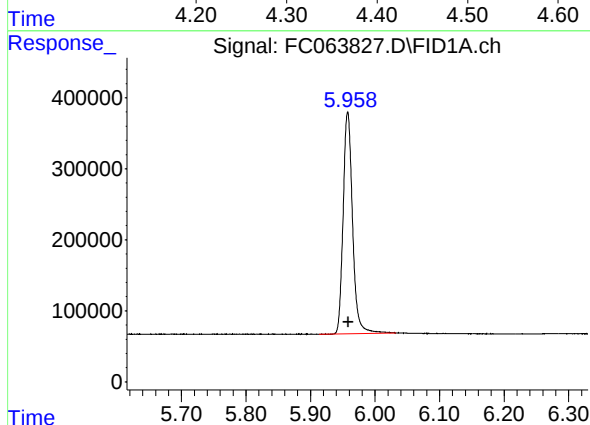
R.T.: 3.311 min
Delta R.T.: -0.003 min
Response: 2862886
Conc: 17.96 ug/ml

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20 PPM ALIPHATIC HC STD



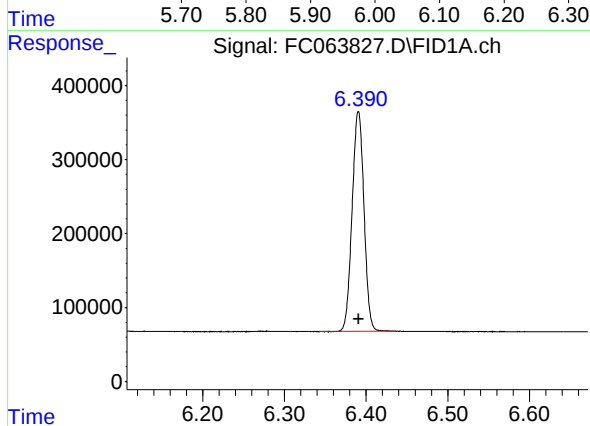
#2 n-Decane (C10)

R.T.: 4.375 min
Delta R.T.: -0.002 min
Response: 3029950
Conc: 18.74 ug/ml



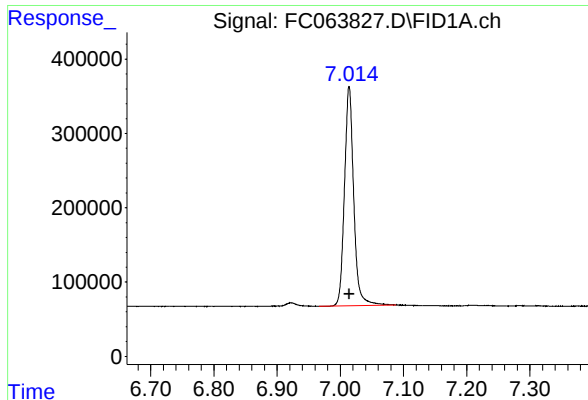
#3 A~Naphthalene (C11.7)

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 3164789
Conc: 18.22 ug/ml



#4 n-Dodecane (C12)

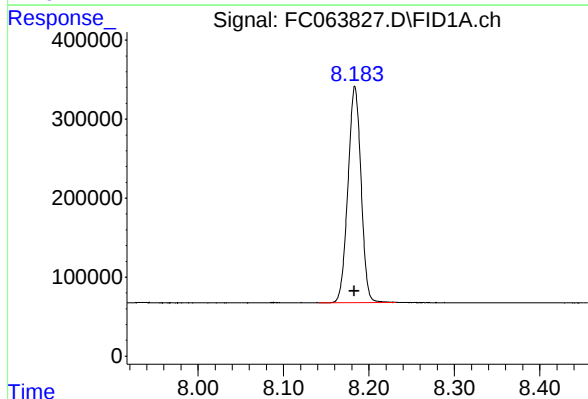
R.T.: 6.391 min
Delta R.T.: 0.000 min
Response: 3006290
Conc: 18.39 ug/ml



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

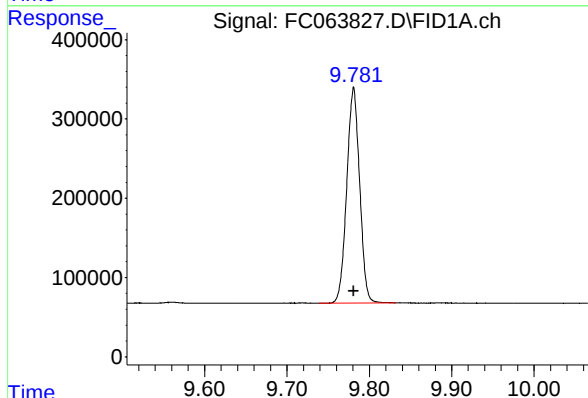
R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 3001280
Conc: 18.32 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



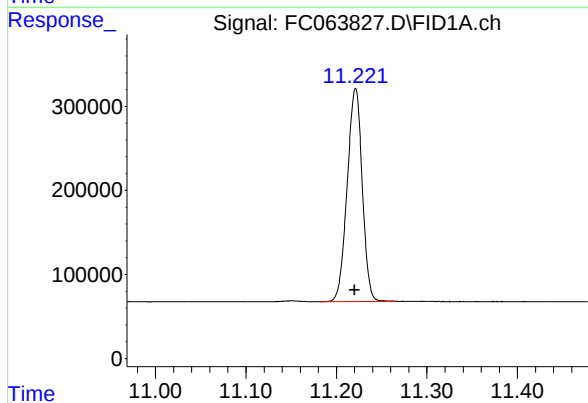
#6 n-Tetradecane (C14)

R.T.: 8.184 min
Delta R.T.: 0.000 min
Response: 2909131
Conc: 18.50 ug/ml



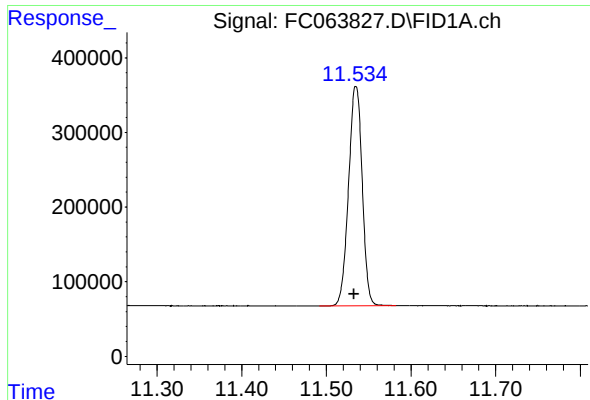
#7 n-Hexadecane (C16)

R.T.: 9.781 min
Delta R.T.: 0.000 min
Response: 2950641
Conc: 18.54 ug/ml



#8 n-Octadecane (C18)

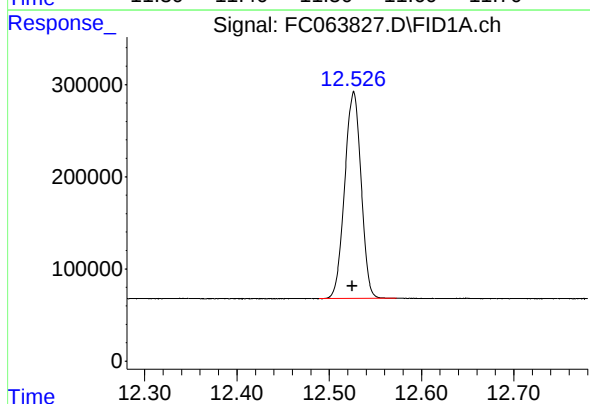
R.T.: 11.221 min
Delta R.T.: 0.001 min
Response: 2925153
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

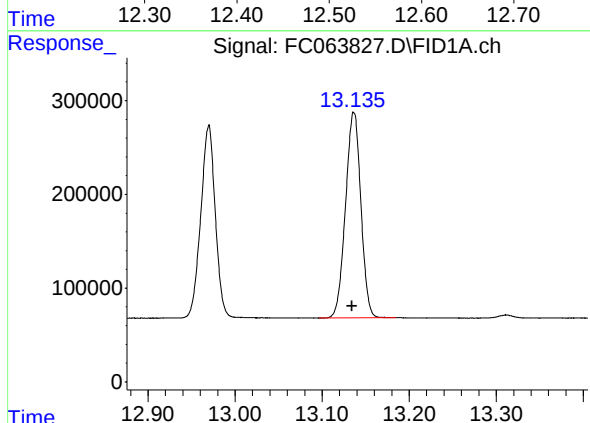
R.T.: 11.535 min
Delta R.T.: 0.002 min
Response: 3290219
Conc: 18.03 ug/ml

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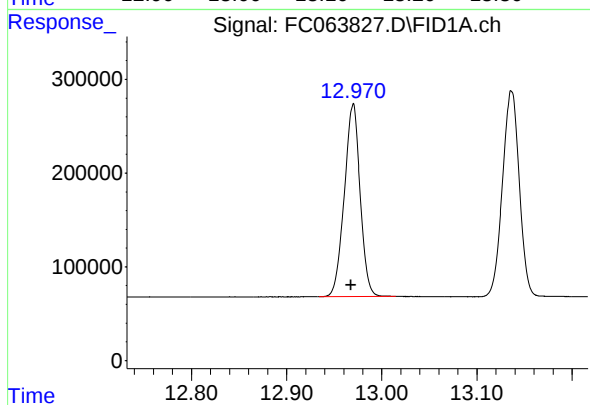
#10 n-Eicosane (C20)

R.T.: 12.527 min
Delta R.T.: 0.001 min
Response: 2773164
Conc: 18.75 ug/ml



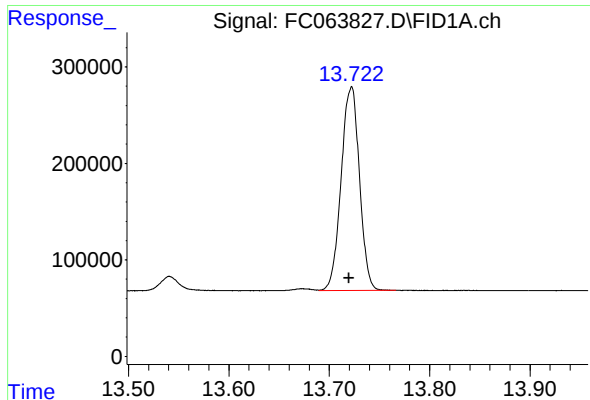
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: 0.002 min
Response: 2690356
Conc: 18.69 ug/ml



#12 1-chlorooctadecane (SURR)

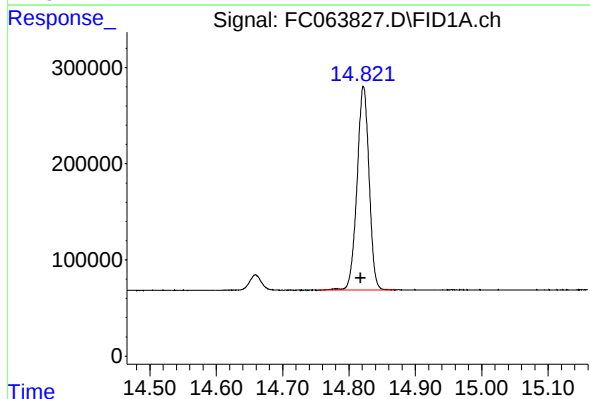
R.T.: 12.970 min
Delta R.T.: 0.002 min
Response: 2375430
Conc: 18.59 ug/ml



#13 n-Docosane (C22)

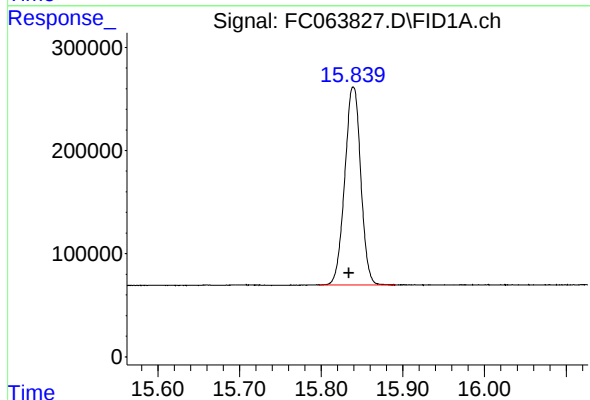
R.T.: 13.722 min
Delta R.T.: 0.003 min
Response: 2678798
Conc: 19.02 ug/ml

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20 PPM ALIPHATIC HC STD



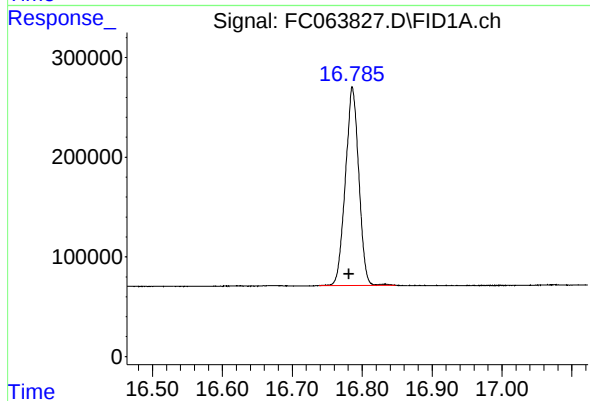
#14 n-Tetracosane (C24)

R.T.: 14.822 min
Delta R.T.: 0.004 min
Response: 2667822
Conc: 19.44 ug/ml



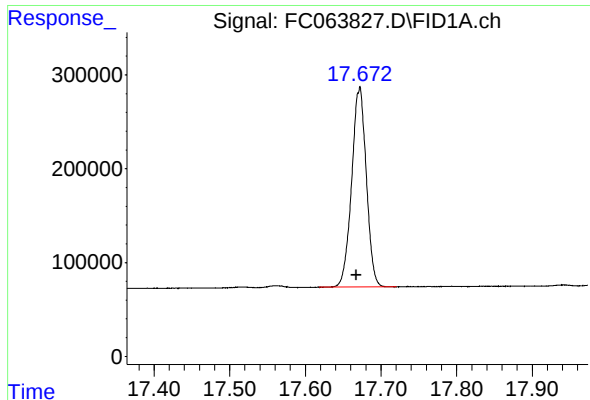
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: 0.005 min
Response: 2610118
Conc: 19.69 ug/ml



#16 n-Octacosane (C28)

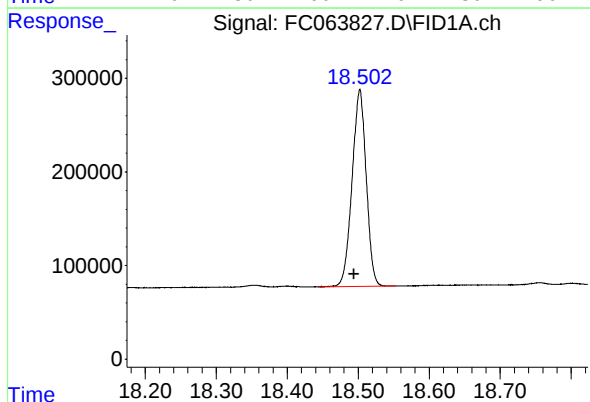
R.T.: 16.786 min
Delta R.T.: 0.005 min
Response: 2649920
Conc: 20.87 ug/ml



#17 n-Tricontane (C30)

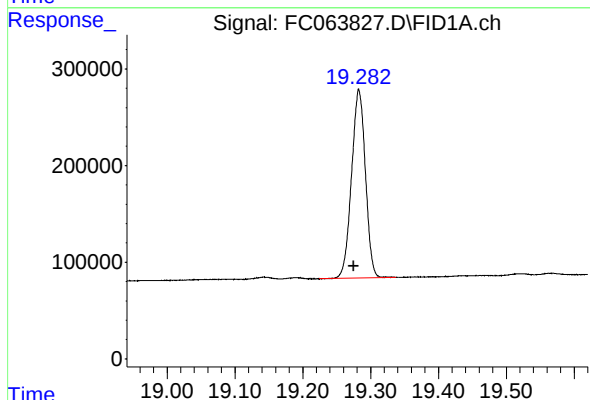
R.T.: 17.672 min
Delta R.T.: 0.005 min
Response: 2864897
Conc: 22.42 ug/ml

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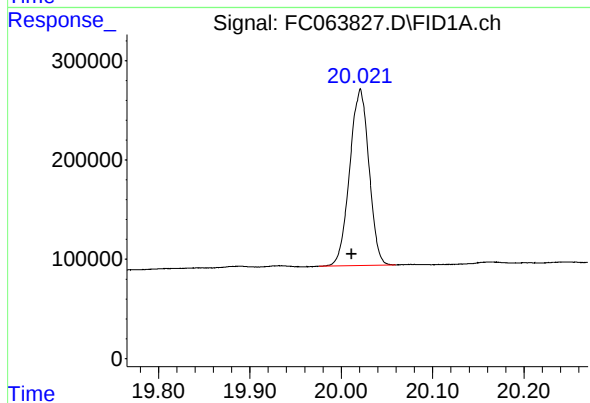
#18 n-Dotriacontane (C32)

R.T.: 18.502 min
Delta R.T.: 0.008 min
Response: 2908626
Conc: 23.37 ug/ml



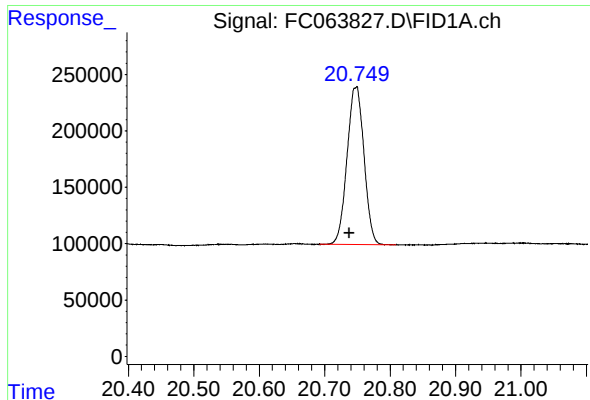
#19 n-Tetatriacontane (C34)

R.T.: 19.283 min
Delta R.T.: 0.008 min
Response: 2769329
Conc: 22.46 ug/ml



#20 n-Hexatriacontane (C36)

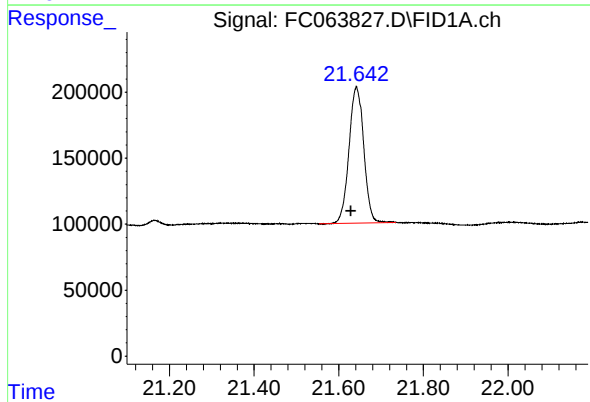
R.T.: 20.021 min
Delta R.T.: 0.009 min
Response: 2602078
Conc: 21.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: 0.011 min
Response: 2518056
Conc: 20.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.642 min
Delta R.T.: 0.013 min
Response: 2504338
Conc: 20.67 ug/ml