

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041521AL\
 Data File : FC053185.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2021 13:32
 Operator : DD\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: Apr 16 01:20:18 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.552	2667733	18.465 ug/ml
Spiked Amount 50.000		Recovery =	36.93%
12) S 1-chlorooctadecane (S...	12.992	2104566	18.215 ug/ml
Spiked Amount 50.000		Recovery =	36.43%
Target Compounds			
1) T n-Nonane (C9)	3.308	2463564	19.683 ug/ml
2) T n-Decane (C10)	4.374	2486822	19.753 ug/ml
3) T A~Naphthalene (C11.7)	5.959	2734342	19.629 ug/ml
4) T n-Dodecane (C12)	6.394	2560368	19.991 ug/ml
5) T A~2-methylnaphthalene...	7.017	2784097	19.695 ug/ml
6) T n-Tetradecane (C14)	8.192	2560870	19.903 ug/ml
7) T n-Hexadecane (C16)	9.794	2504366	19.587 ug/ml
8) T n-Octadecane (C18)	11.237	2580421	19.080 ug/ml
10) T n-Eicosane (C20)	12.548	2535672	18.461 ug/ml
11) T n-Heneicosane (C21)	13.160	2487879	18.107 ug/ml
13) T n-Docosane (C22)	13.746	2446505	17.749 ug/ml
14) T n-Tetracosane (C24)	14.849	2337014	16.950 ug/ml
15) T n-Hexacosane (C26)	15.871	2200458	16.227 ug/ml
16) T n-Octacosane (C28)	16.821	2103472	15.781 ug/ml
17) T n-Tricontane (C30)	17.709	2023524	15.767 ug/ml
18) T n-Dotriacontane (C32)	18.542	1967177	16.466 ug/ml
19) T n-Tetratriacontane (C34)	19.326	1938519	17.503 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1904524	18.874 ug/ml
21) T n-Octatriacontane (C38)	20.799	1820198	20.431 ug/ml
22) T n-Tetracontane (C40)	21.700	1898358	23.713 ug/ml

(f)=RT Delta > 1/2 Window

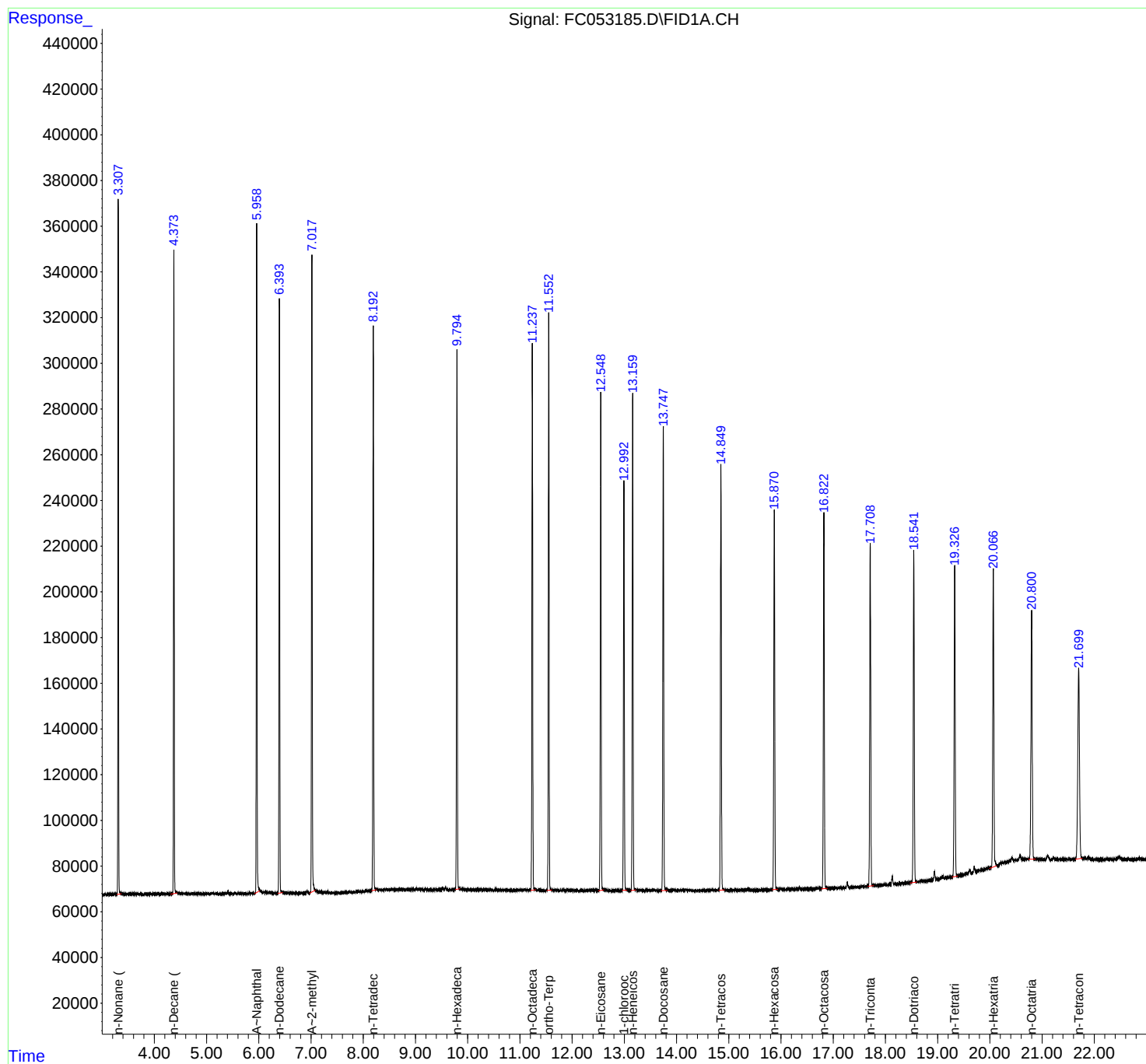
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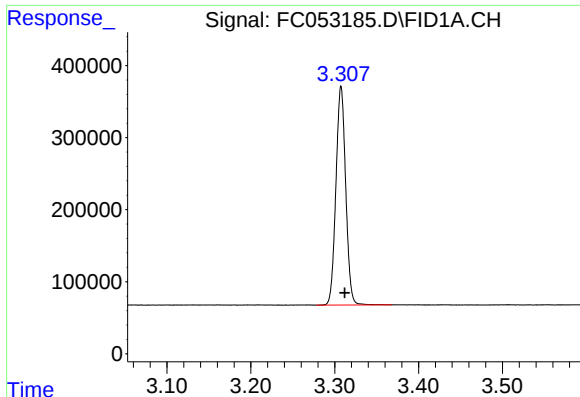
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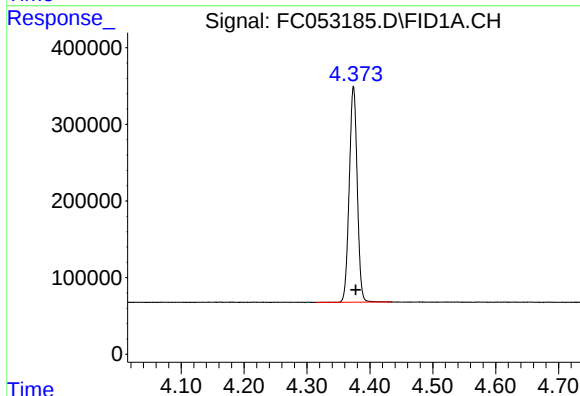




#1 n-Nonane (C9)

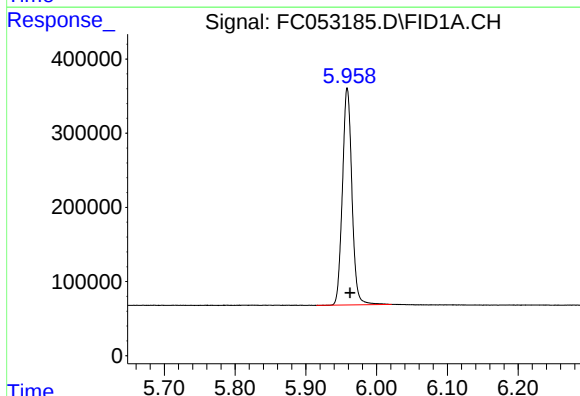
R.T.: 3.308 min
Delta R.T.: -0.004 min
Response: 2463564
Conc: 19.68 ug/ml

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20 PPM ALIPHATIC HC STD



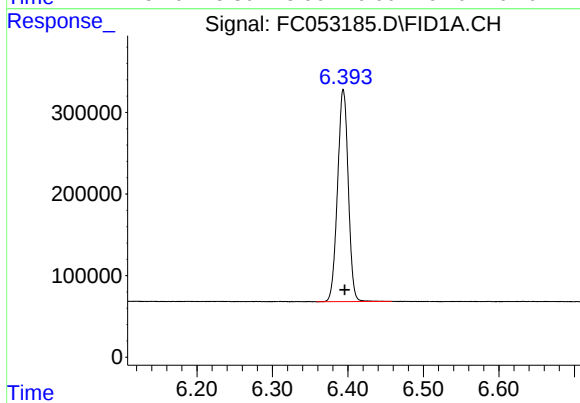
#2 n-Decane (C10)

R.T.: 4.374 min
Delta R.T.: -0.003 min
Response: 2486822
Conc: 19.75 ug/ml



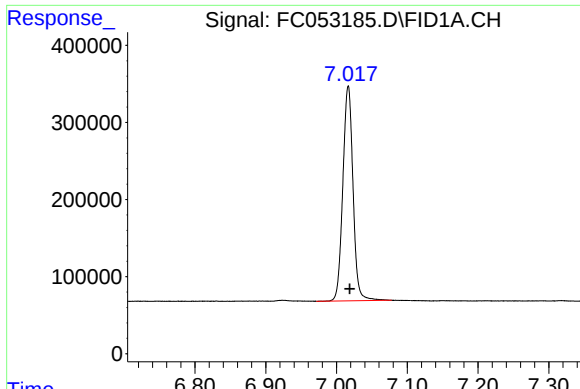
#3 A~Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: -0.004 min
Response: 2734342
Conc: 19.63 ug/ml



#4 n-Dodecane (C12)

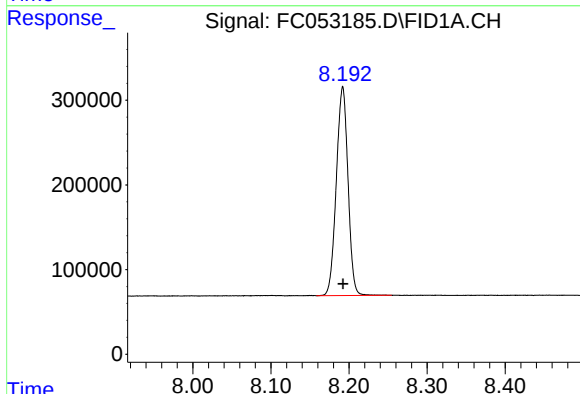
R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 2560368
Conc: 19.99 ug/ml



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

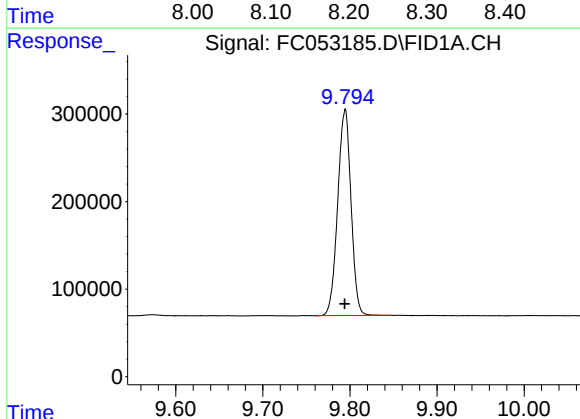
R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 2784097
Conc: 19.70 ug/ml

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20 PPM ALIPHATIC HC STD



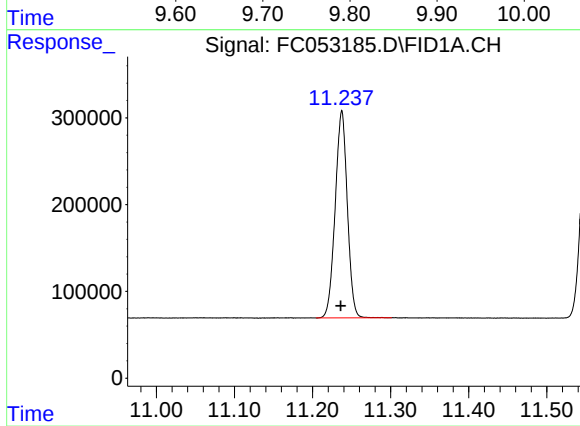
#6 n-Tetradecane (C14)

R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 2560870
Conc: 19.90 ug/ml



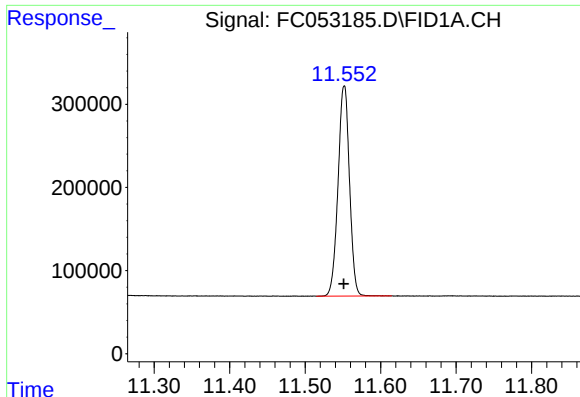
#7 n-Hexadecane (C16)

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 2504366
Conc: 19.59 ug/ml



#8 n-Octadecane (C18)

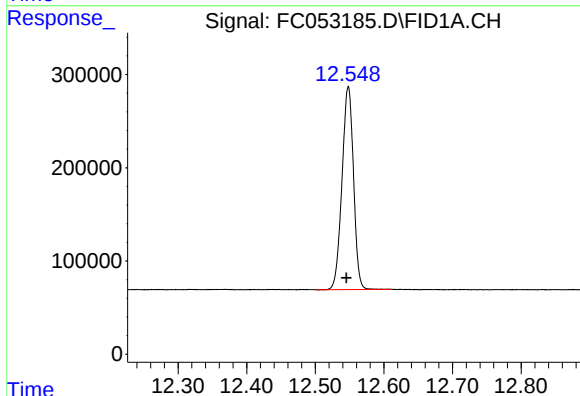
R.T.: 11.237 min
Delta R.T.: 0.001 min
Response: 2580421
Conc: 19.08 ug/ml



#9 ortho-Terphenyl (SURR)

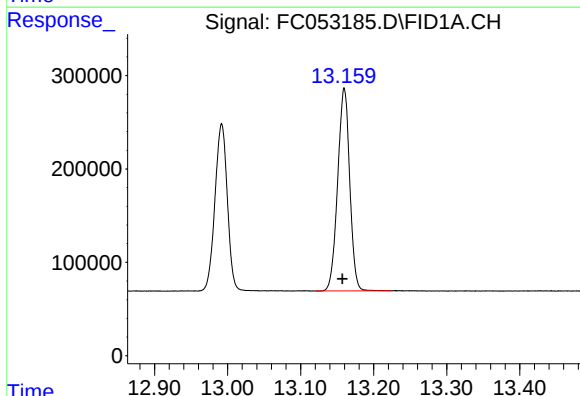
R.T.: 11.552 min
Delta R.T.: 0.000 min
Response: 2667733
Conc: 18.47 ug/ml

Instrument :
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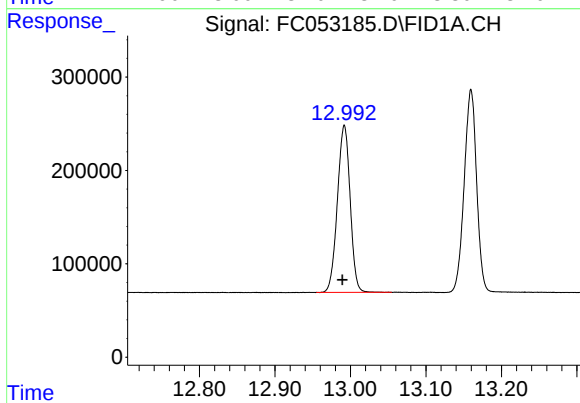
#10 n-Eicosane (C20)

R.T.: 12.548 min
Delta R.T.: 0.003 min
Response: 2535672
Conc: 18.46 ug/ml



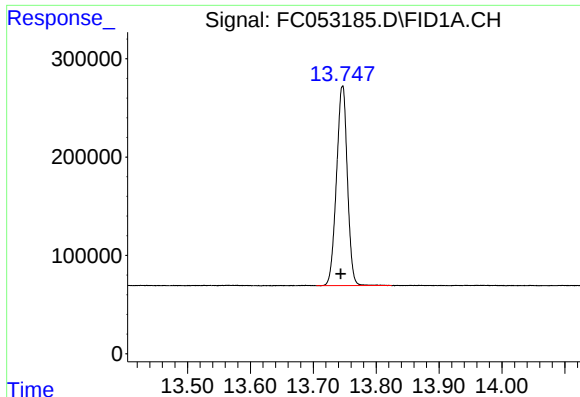
#11 n-Heneicosane (C21)

R.T.: 13.160 min
Delta R.T.: 0.003 min
Response: 2487879
Conc: 18.11 ug/ml



#12 1-chlorooctadecane (SURR)

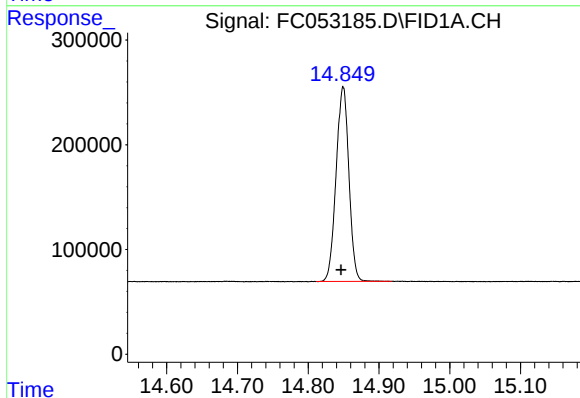
R.T.: 12.992 min
Delta R.T.: 0.002 min
Response: 2104566
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

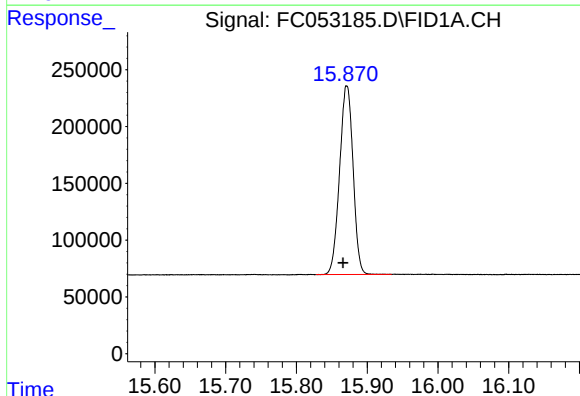
R.T.: 13.746 min
Delta R.T.: 0.003 min
Response: 2446505
Conc: 17.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



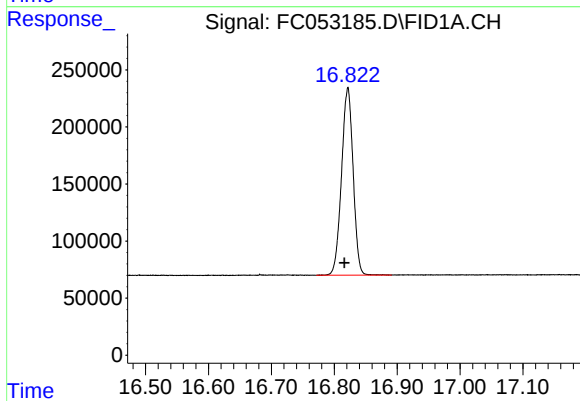
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: 0.003 min
Response: 2337014
Conc: 16.95 ug/ml



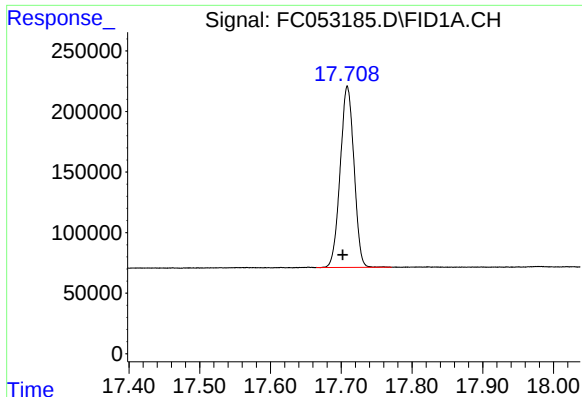
#15 n-Hexacosane (C26)

R.T.: 15.871 min
Delta R.T.: 0.005 min
Response: 2200458
Conc: 16.23 ug/ml



#16 n-Octacosane (C28)

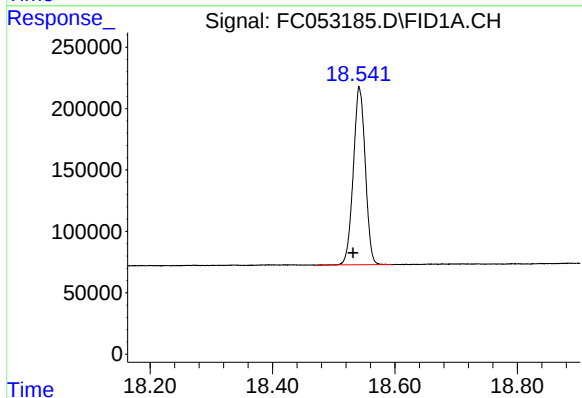
R.T.: 16.821 min
Delta R.T.: 0.005 min
Response: 2103472
Conc: 15.78 ug/ml



#17 n-Tricontane (C30)

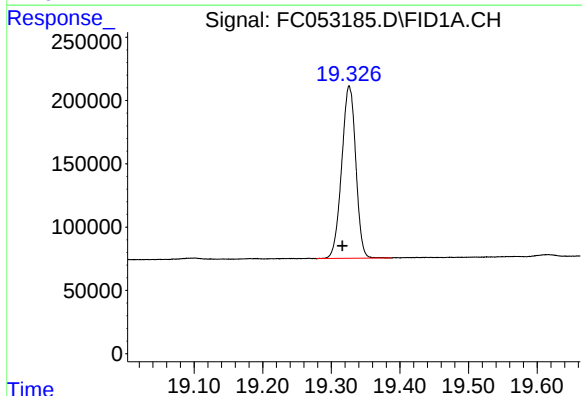
R.T.: 17.709 min
Delta R.T.: 0.007 min
Response: 2023524
Conc: 15.77 ug/ml

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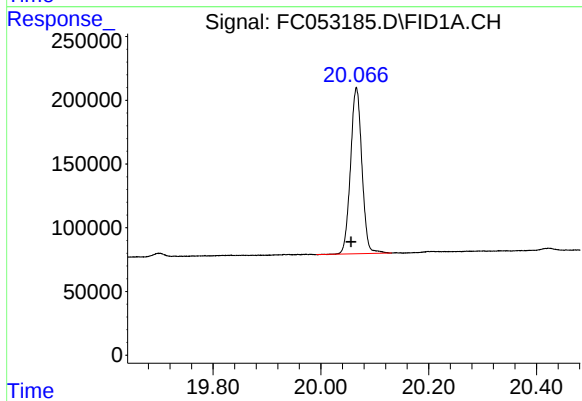
#18 n-Dotriacontane (C32)

R.T.: 18.542 min
Delta R.T.: 0.011 min
Response: 1967177
Conc: 16.47 ug/ml



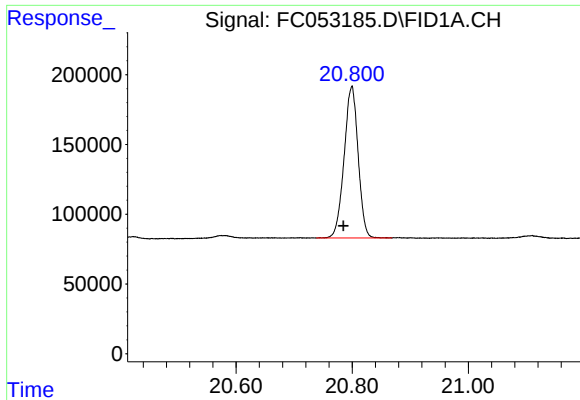
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: 0.010 min
Response: 1938519
Conc: 17.50 ug/ml



#20 n-Hexatriacontane (C36)

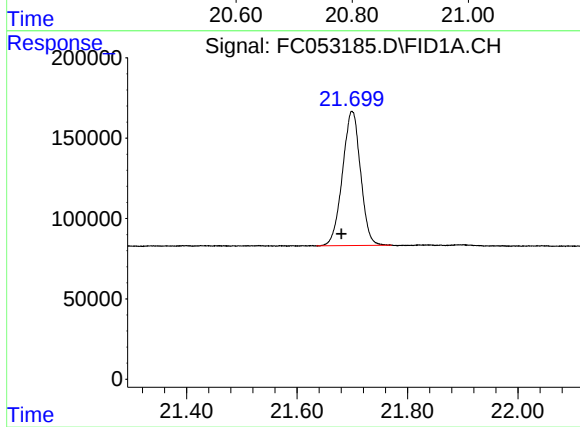
R.T.: 20.066 min
Delta R.T.: 0.010 min
Response: 1904524
Conc: 18.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.014 min
Response: 1820198
Conc: 20.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.700 min
Delta R.T.: 0.020 min
Response: 1898358
Conc: 23.71 ug/ml