

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072920AL\
 Data File : FC048720.D
 Signal(s) : FID1A.CH
 Acq On : 29 Jul 2020 14:02
 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: Jul 30 01:58:35 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 2020
 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)	11.679	2693972	19.628 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
12) S 1-chlorooctadecane (S...	13.112	2164655	19.209 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T n-Nonane (C9)	3.412	2630107	22.064 ug/ml
2) T n-Decane (C10)	4.487	2676466	22.236 ug/ml
3) T A~Naphthalene (C11.7)	6.083	2952044	21.937 ug/ml
4) T n-Dodecane (C12)	6.512	2719660	22.230 ug/ml
5) T A~2-methylnaphthalene...	7.143	2992165	21.709 ug/ml
6) T n-Tetradecane (C14)	8.311	2689337	21.831 ug/ml
7) T n-Hexadecane (C16)	9.912	2609202	21.315 ug/ml
8) T n-Octadecane (C18)	11.357	2640006	20.628 ug/ml
10) T n-Eicosane (C20)	12.666	2567819	19.854 ug/ml
11) T n-Heneicosane (C21)	13.279	2516498	19.414 ug/ml
13) T n-Docosane (C22)	13.865	2475711	19.068 ug/ml
14) T n-Tetracosane (C24)	14.967	2374501	18.114 ug/ml
15) T n-Hexacosane (C26)	15.986	2278707	17.524 ug/ml
16) T n-Octacosane (C28)	16.934	2230996	17.074 ug/ml
17) T n-Tricontane (C30)	17.822	2160141	16.803 ug/ml
18) T n-Dotriacontane (C32)	18.653	1992556	16.866 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1882766	16.867 ug/ml
20) T n-Hexatriacontane (C36)	20.172	1810052	17.210 ug/ml
21) T n-Octatriacontane (C38)	20.930	1750618	17.832 ug/ml
22) T n-Tetracontane (C40)	21.883	1823936	18.769 ug/ml

(f)=RT Delta > 1/2 Window

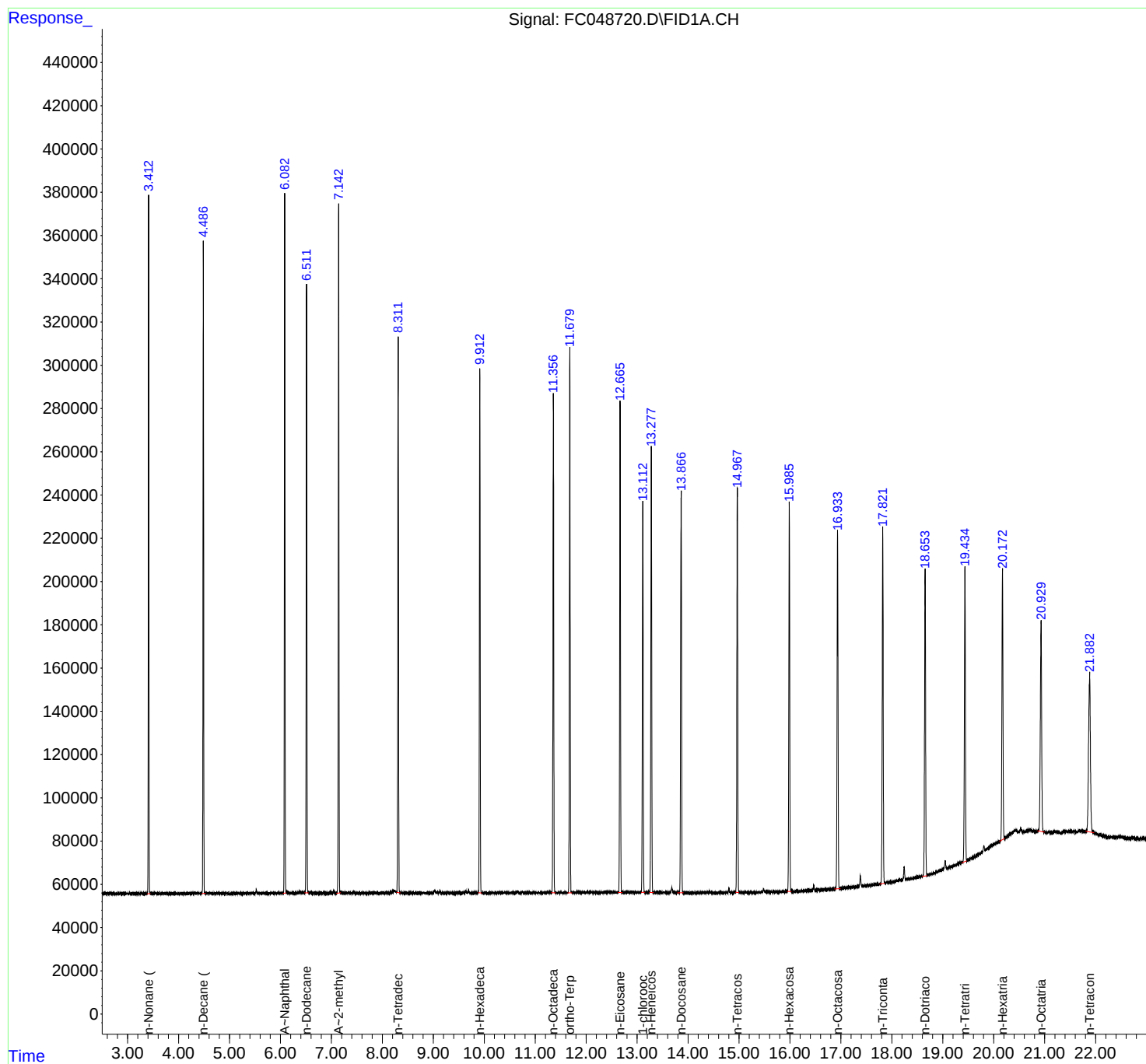
(m)=manual int.

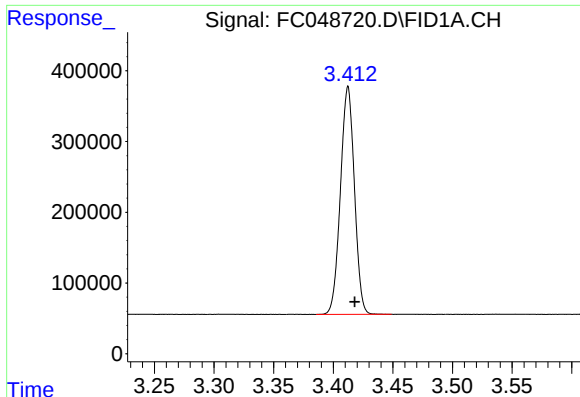
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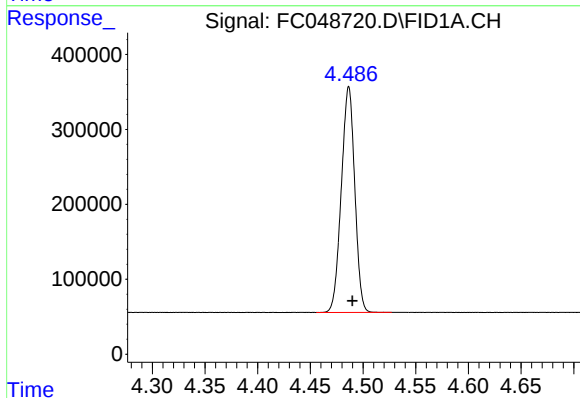




#1 n-Nonane (C9)

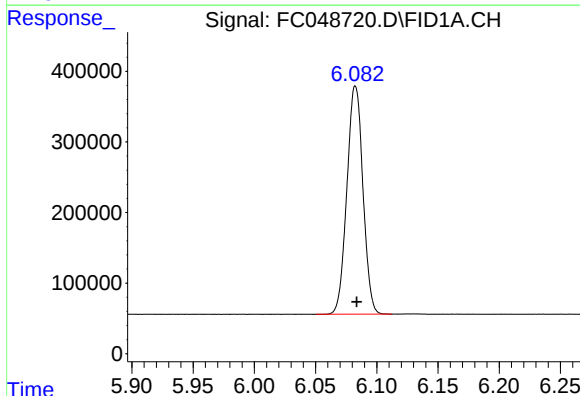
R.T.: 3.412 min
Delta R.T.: -0.006 min
Response: 2630107
Conc: 22.06 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



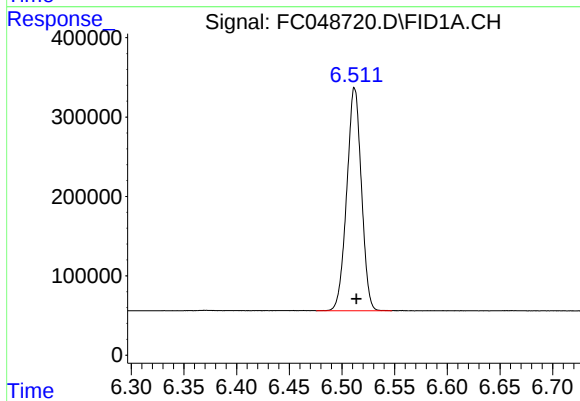
#2 n-Decane (C10)

R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 2676466
Conc: 22.24 ug/ml



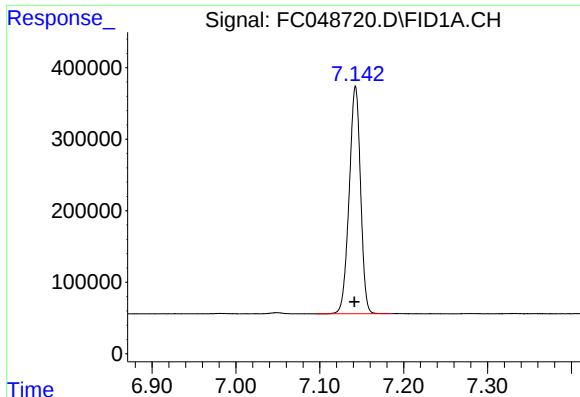
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 2952044
Conc: 21.94 ug/ml



#4 n-Dodecane (C12)

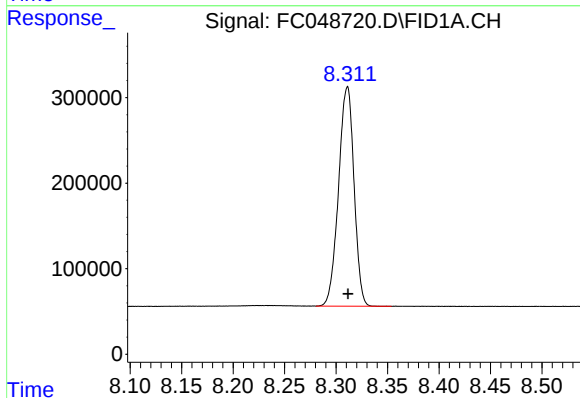
R.T.: 6.512 min
Delta R.T.: -0.002 min
Response: 2719660
Conc: 22.23 ug/ml



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

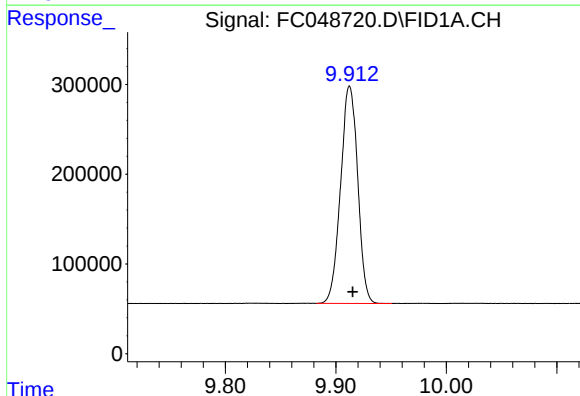
R.T.: 7.143 min
Delta R.T.: 0.001 min
Response: 2992165
Conc: 21.71 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



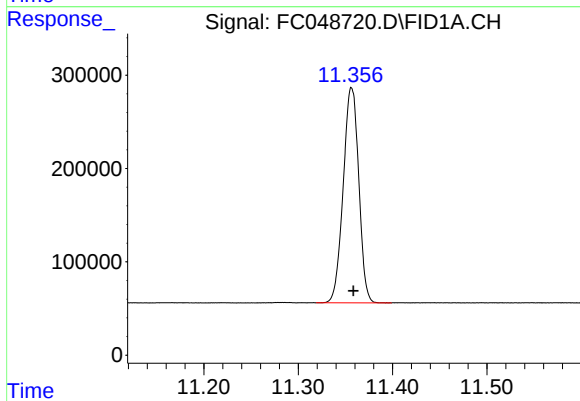
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 2689337
Conc: 21.83 ug/ml



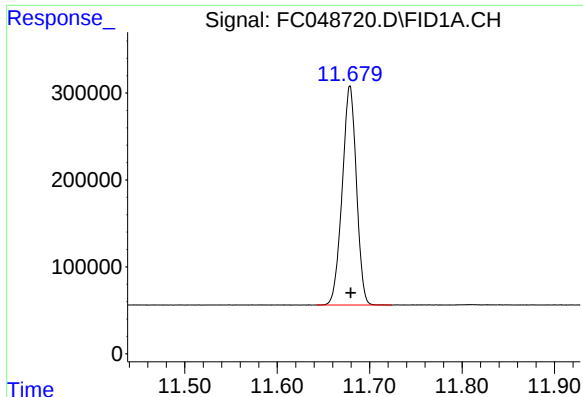
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.003 min
Response: 2609202
Conc: 21.31 ug/ml



#8 n-Octadecane (C18)

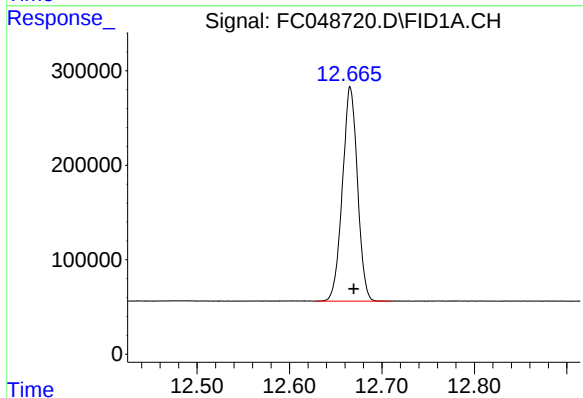
R.T.: 11.357 min
Delta R.T.: -0.002 min
Response: 2640006
Conc: 20.63 ug/ml



#9 ortho-Terphenyl (SURR)

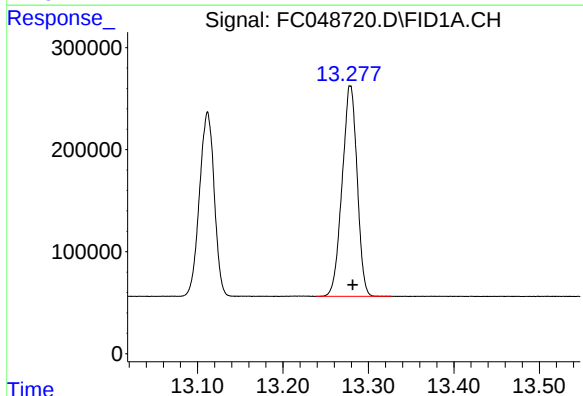
R.T.: 11.679 min
Delta R.T.: 0.000 min
Response: 2693972
Conc: 19.63 ug/ml

Instrument :
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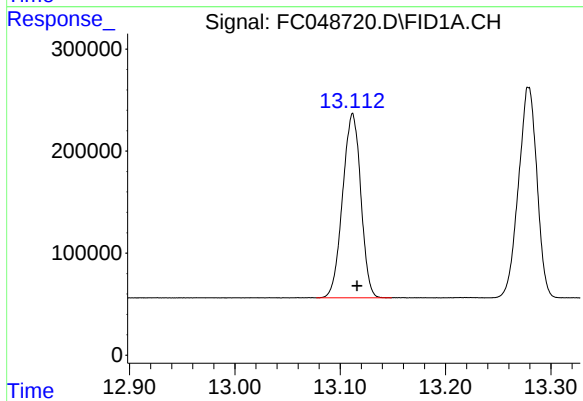
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.004 min
Response: 2567819
Conc: 19.85 ug/ml



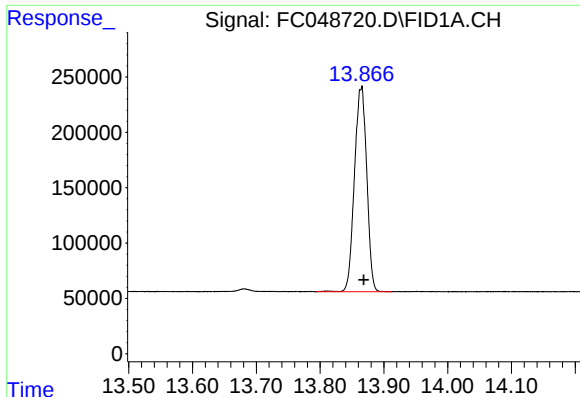
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.003 min
Response: 2516498
Conc: 19.41 ug/ml



#12 1-chlorooctadecane (SURR)

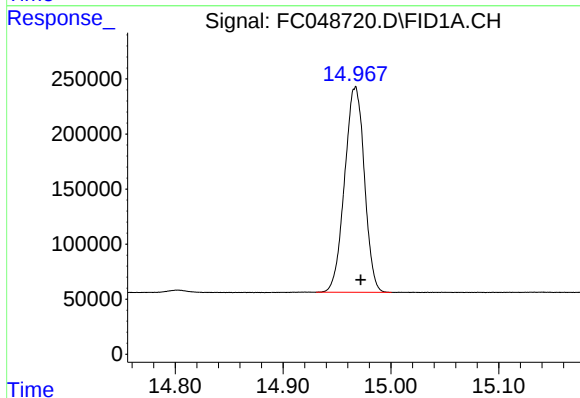
R.T.: 13.112 min
Delta R.T.: -0.004 min
Response: 2164655
Conc: 19.21 ug/ml



#13 n-Docosane (C22)

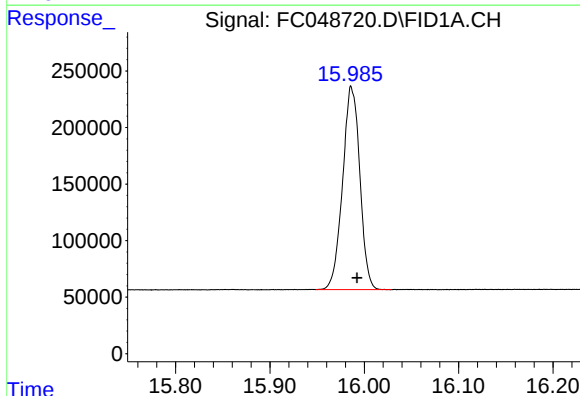
R.T.: 13.865 min
Delta R.T.: -0.004 min
Response: 2475711
Conc: 19.07 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



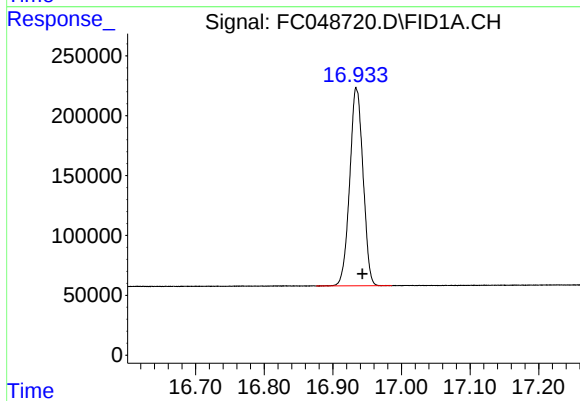
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.005 min
Response: 2374501
Conc: 18.11 ug/ml



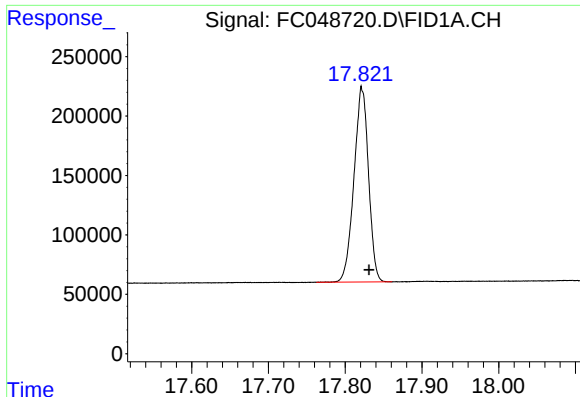
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: -0.006 min
Response: 2278707
Conc: 17.52 ug/ml



#16 n-Octacosane (C28)

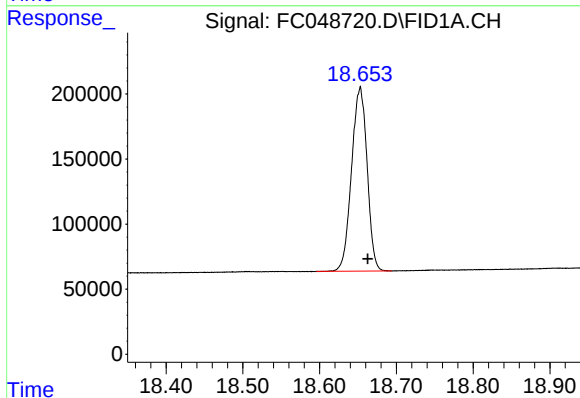
R.T.: 16.934 min
Delta R.T.: -0.009 min
Response: 2230996
Conc: 17.07 ug/ml



#17 n-Tricontane (C30)

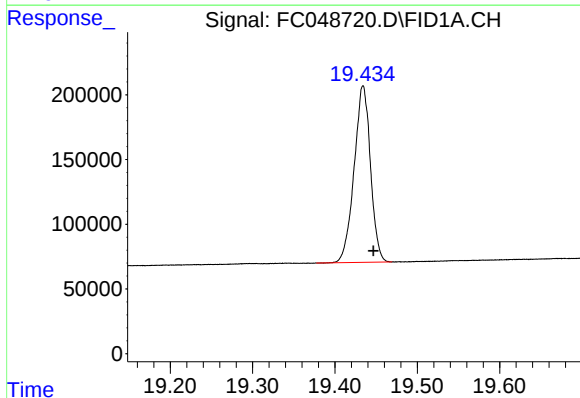
R.T.: 17.822 min
Delta R.T.: -0.009 min
Response: 2160141
Conc: 16.80 ug/ml

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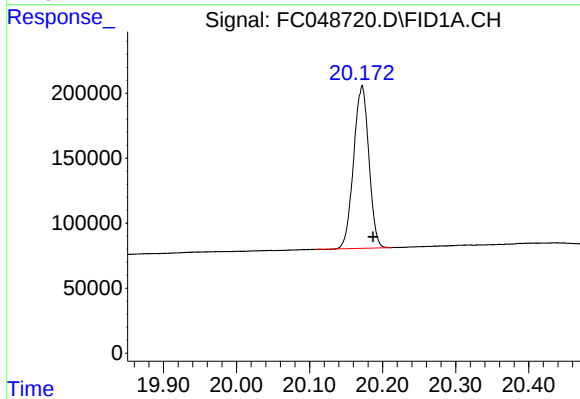
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: -0.010 min
Response: 1992556
Conc: 16.87 ug/ml



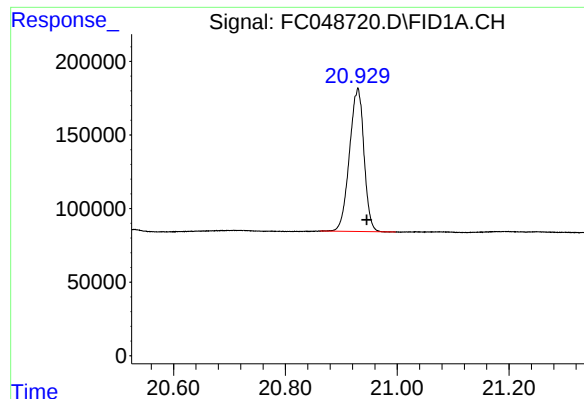
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: -0.013 min
Response: 1882766
Conc: 16.87 ug/ml



#20 n-Hexatriacontane (C36)

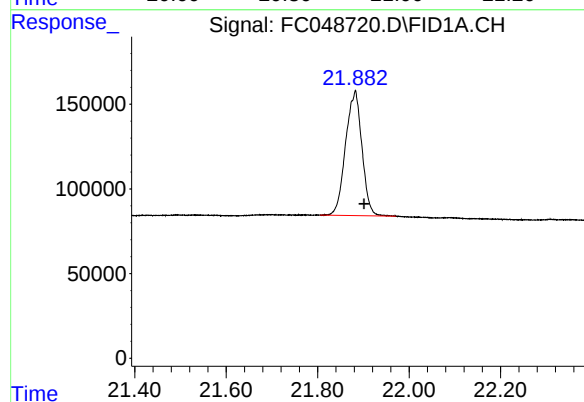
R.T.: 20.172 min
Delta R.T.: -0.015 min
Response: 1810052
Conc: 17.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: -0.016 min
Response: 1750618
Conc: 17.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.883 min
Delta R.T.: -0.019 min
Response: 1823936
Conc: 18.77 ug/ml