

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052820AL\
 Data File : FC047634.D
 Signal(s) : FID1A.CH
 Acq On : 29 May 2020 3:32
 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

Manual Integrations
 APPROVED

Sohil
 5/29/2020 12:26:49 PM

Integration File: autoint1.e
 Quant Time: May 29 04:18:04 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.739	2321150	19.417 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
12) S 1-chlorooctadecane (S...	13.152	1866036	19.025 ug/ml
Spiked Amount 50.000		Recovery =	38.05%
Target Compounds			
1) T n-Nonane (C9)	3.546	2243539	22.131 ug/ml
2) T n-Decane (C10)	4.609	2265131	22.166 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2232519	21.440 ug/ml
4) T n-Dodecane (C12)	6.610	2304440	21.817 ug/ml
5) T A~2-methylnaphthalene...	7.255	2250740	21.433 ug/ml
6) T n-Tetradecane (C14)	8.388	2260048	21.367 ug/ml
7) T n-Hexadecane (C16)	9.975	2194073	20.736 ug/ml
8) T n-Octadecane (C18)	11.406	2244078	20.040 ug/ml
10) T n-Eicosane (C20)	12.706	2209122	19.415 ug/ml
11) T n-Heneicosane (C21)	13.313	2179863	19.174 ug/ml
13) T n-Docosane (C22)	13.895	2160048	19.008 ug/ml
14) T n-Tetracosane (C24)	14.992	2102153	18.579 ug/ml
15) T n-Hexacosane (C26)	16.007	2055829	18.355 ug/ml
16) T n-Octacosane (C28)	16.950	2051582	18.394 ug/ml
17) T n-Tricontane (C30)	17.833	2032624	18.799 ug/ml
18) T n-Dotriacontane (C32)	18.660	1899229	19.259 ug/ml
19) T n-Tetratriacontane (C34)	19.438	1799914	19.623 ug/ml
20) T n-Hexatriacontane (C36)	20.173	1739460	20.058 ug/mlm
21) T n-Octatriacontane (C38)	20.925	1676133	20.773 ug/ml
22) T n-Tetracontane (C40)	21.871	1721146	21.165 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

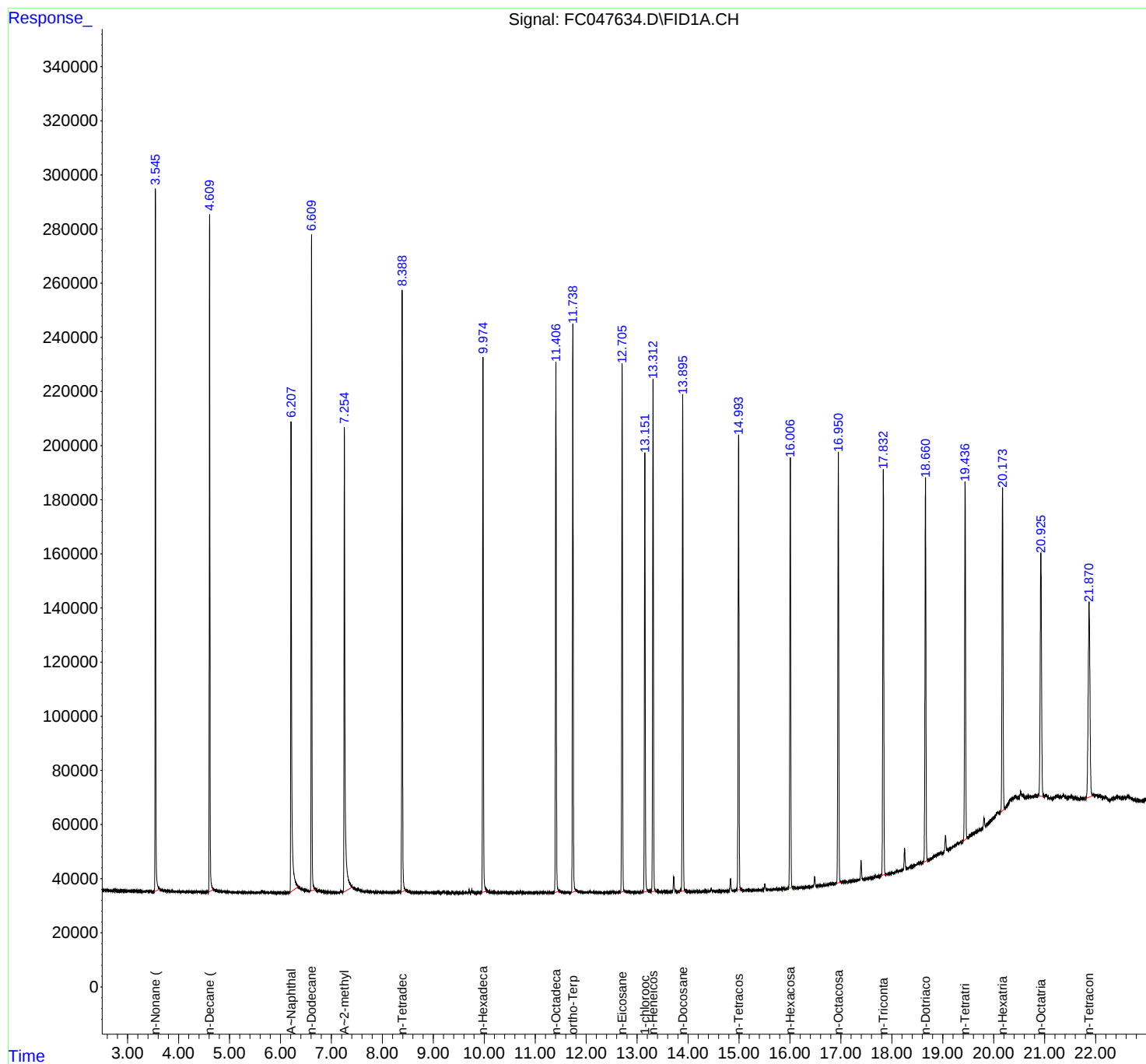
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

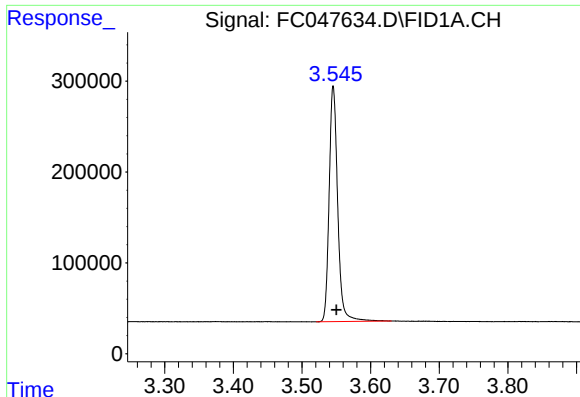
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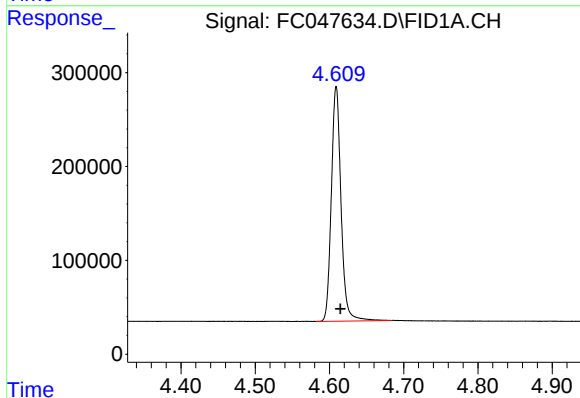
#1 n-Nonane (C9)

R.T.: 3.546 min
Delta R.T.: -0.004 min
Response: 2243539
Conc: 22.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

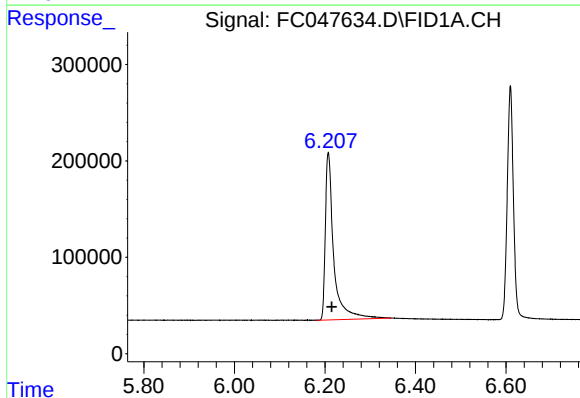
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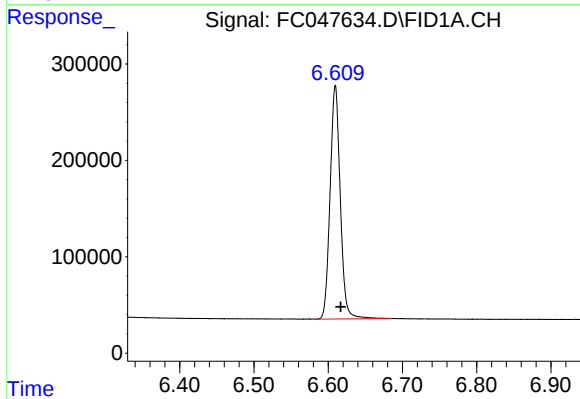
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.006 min
Response: 2265131
Conc: 22.17 ug/ml



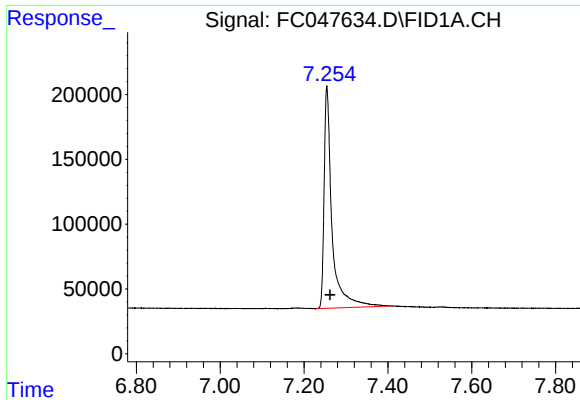
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.007 min
Response: 2232519
Conc: 21.44 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.610 min
Delta R.T.: -0.007 min
Response: 2304440
Conc: 21.82 ug/ml



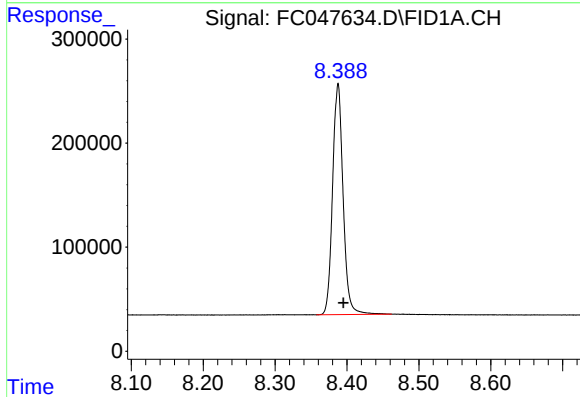
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: -0.008 min
Response: 2250740
Conc: 21.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

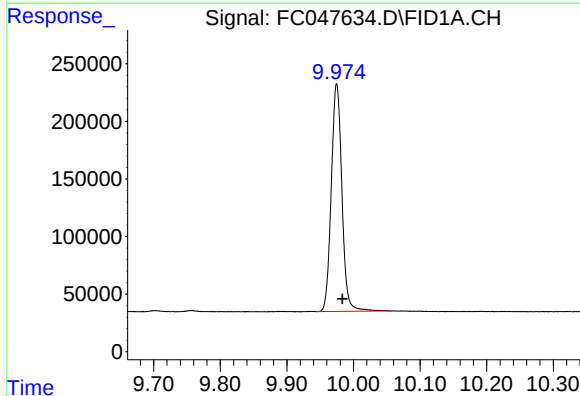
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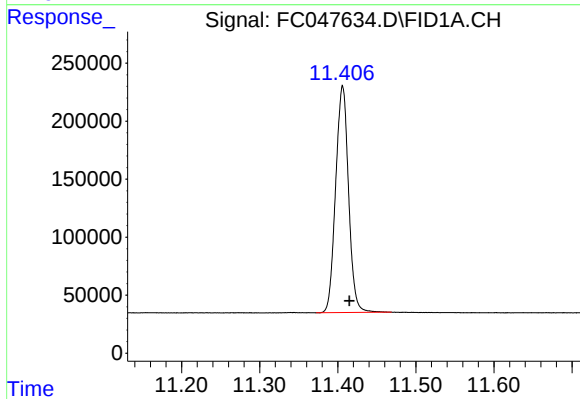
#6 n-Tetradecane (C14)

R.T.: 8.388 min
Delta R.T.: -0.007 min
Response: 2260048
Conc: 21.37 ug/ml



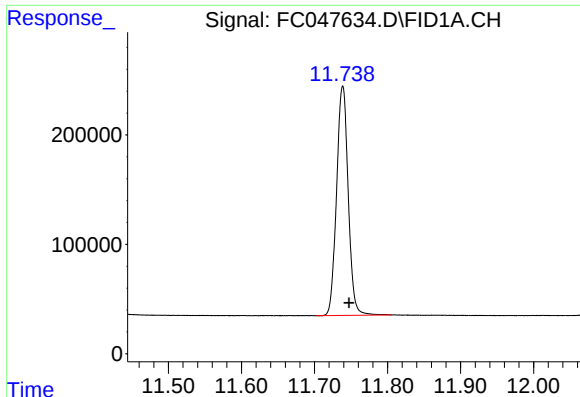
#7 n-Hexadecane (C16)

R.T.: 9.975 min
Delta R.T.: -0.009 min
Response: 2194073
Conc: 20.74 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.406 min
Delta R.T.: -0.009 min
Response: 2244078
Conc: 20.04 ug/ml



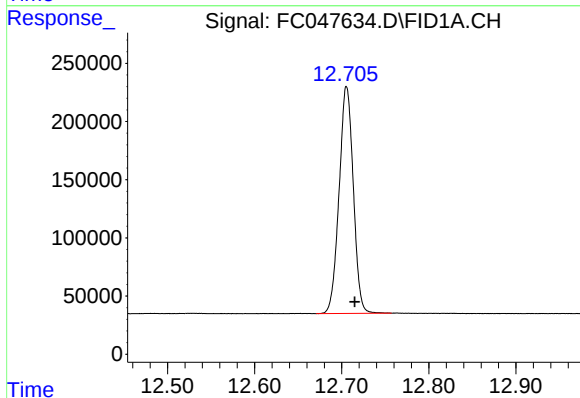
#9 ortho-Terphenyl (SURR)

R.T.: 11.739 min
Delta R.T.: -0.009 min
Response: 2321150
Conc: 19.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

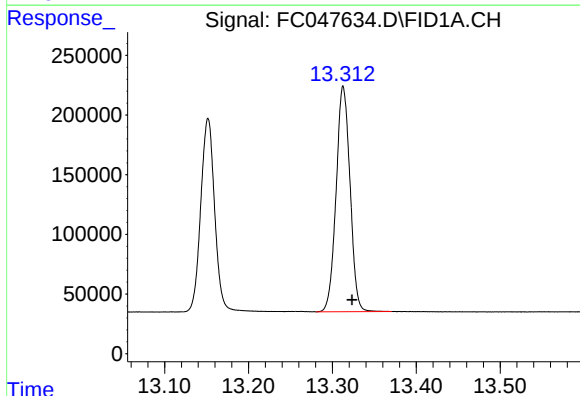
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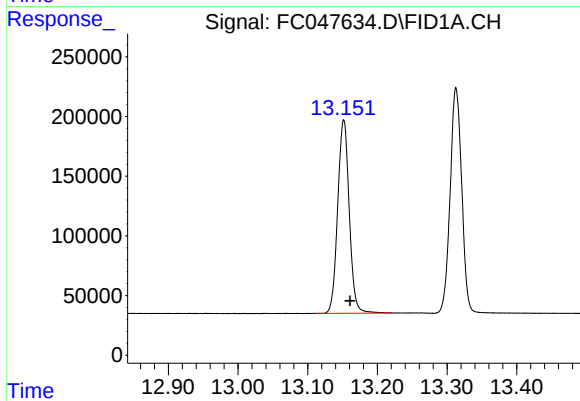
#10 n-Eicosane (C20)

R.T.: 12.706 min
Delta R.T.: -0.009 min
Response: 2209122
Conc: 19.41 ug/ml



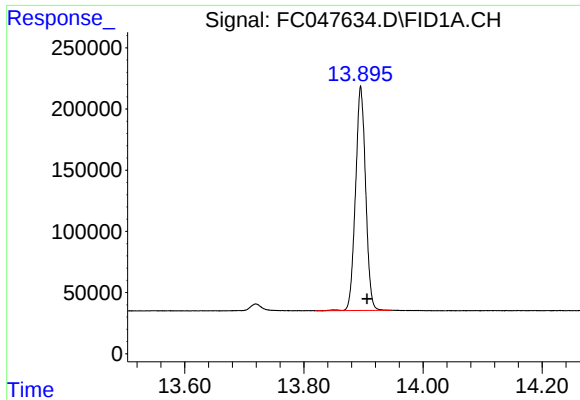
#11 n-Heneicosane (C21)

R.T.: 13.313 min
Delta R.T.: -0.011 min
Response: 2179863
Conc: 19.17 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.152 min
Delta R.T.: -0.009 min
Response: 1866036
Conc: 19.03 ug/ml



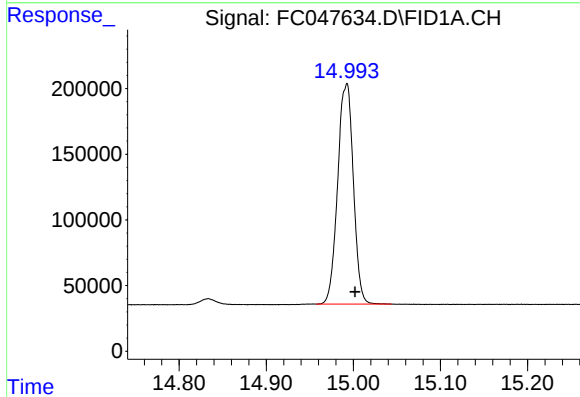
#13 n-Docosane (C22)

R.T.: 13.895 min
Delta R.T.: -0.011 min
Response: 2160048
Conc: 19.01 ug/ml

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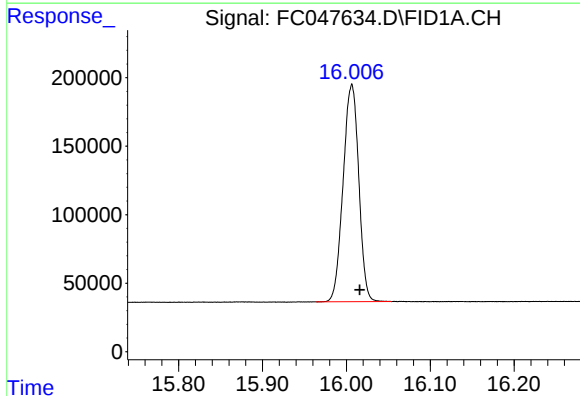
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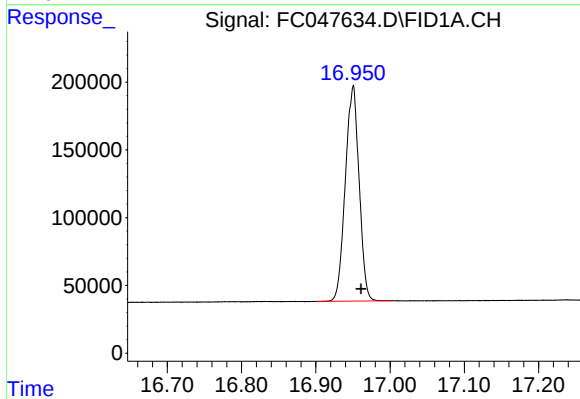
#14 n-Tetracosane (C24)

R.T.: 14.992 min
Delta R.T.: -0.010 min
Response: 2102153
Conc: 18.58 ug/ml



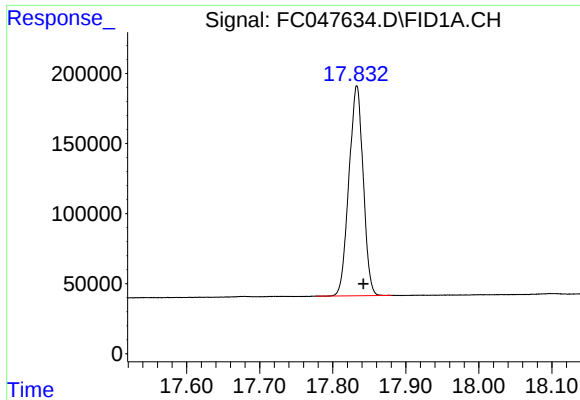
#15 n-Hexacosane (C26)

R.T.: 16.007 min
Delta R.T.: -0.009 min
Response: 2055829
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.950 min
Delta R.T.: -0.011 min
Response: 2051582
Conc: 18.39 ug/ml



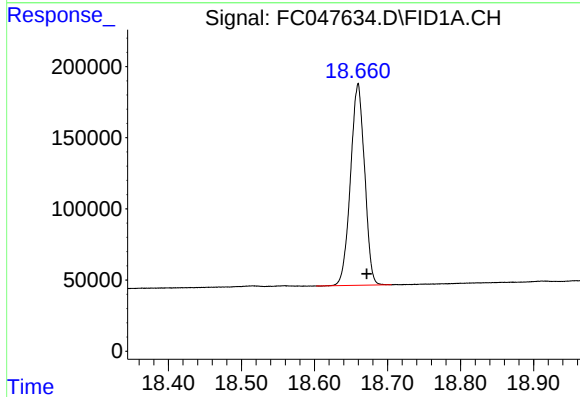
#17 n-Tricontane (C30)

R.T.: 17.833 min
Delta R.T.: -0.009 min
Response: 2032624
Conc: 18.80 ug/ml

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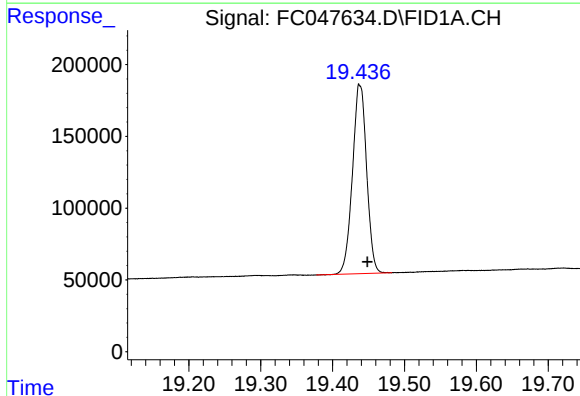
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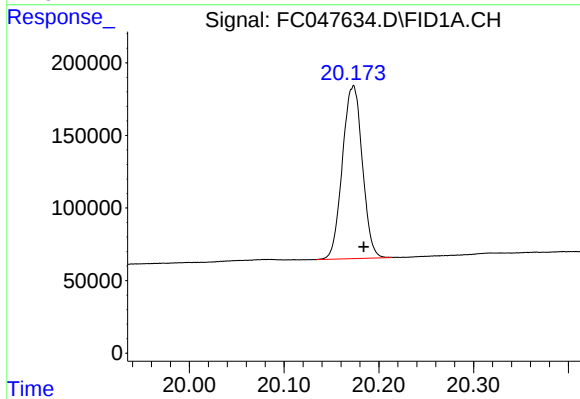
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: -0.012 min
Response: 1899229
Conc: 19.26 ug/ml



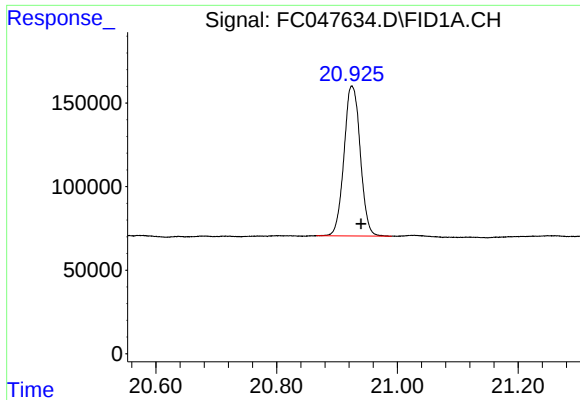
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: -0.010 min
Response: 1799914
Conc: 19.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.173 min
Delta R.T.: -0.011 min
Response: 1739460
Conc: 20.06 ug/ml m



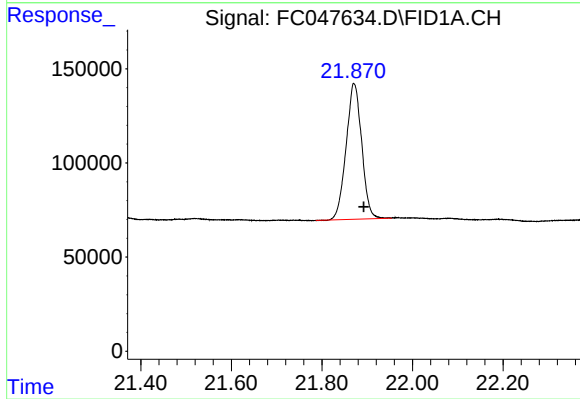
#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: -0.015 min
Response: 1676133
Conc: 20.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.871 min
Delta R.T.: -0.022 min
Response: 1721146
Conc: 21.16 ug/ml