

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051420AL\
 Data File : FC047454.D
 Signal(s) : FID1A.CH
 Acq On : 15 May 2020 5:43
 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
 5/15/2020 12:31:26 PM

Integration File: autoint1.e
 Quant Time: May 15 07:24:49 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)	11.743	2496015	20.880 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
12) S 1-chlorooctadecane (S...	13.157	2002456	20.416 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T n-Nonane (C9)	3.548	2306607	22.753 ug/ml
2) T n-Decane (C10)	4.612	2371849	23.210 ug/ml
3) T A~Naphthalene (C11.7)	6.210	2347177	22.541 ug/ml
4) T n-Dodecane (C12)	6.613	2435142	23.055 ug/ml
5) T A~2-methylnaphthalene...	7.257	2380949	22.673 ug/ml
6) T n-Tetradecane (C14)	8.392	2413676	22.819 ug/ml
7) T n-Hexadecane (C16)	9.979	2336435	22.082 ug/ml
8) T n-Octadecane (C18)	11.411	2409689	21.519 ug/ml
10) T n-Eicosane (C20)	12.710	2380138	20.918 ug/ml
11) T n-Heneicosane (C21)	13.318	2346835	20.642 ug/ml
13) T n-Docosane (C22)	13.900	2322594	20.439 ug/mlm
14) T n-Tetracosane (C24)	14.996	2264780	20.017 ug/ml
15) T n-Hexacosane (C26)	16.011	2207907	19.713 ug/ml
16) T n-Octacosane (C28)	16.954	2175982	19.509 ug/ml
17) T n-Tricontane (C30)	17.838	2129141	19.692 ug/ml
18) T n-Dotriacontane (C32)	18.663	1967832	19.955 ug/ml
19) T n-Tetratriacontane (C34)	19.442	1851481	20.185 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1793637	20.682 ug/ml
21) T n-Octatriacontane (C38)	20.934	1710589	21.200 ug/ml
22) T n-Tetracontane (C40)	21.876	1771968	21.790 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

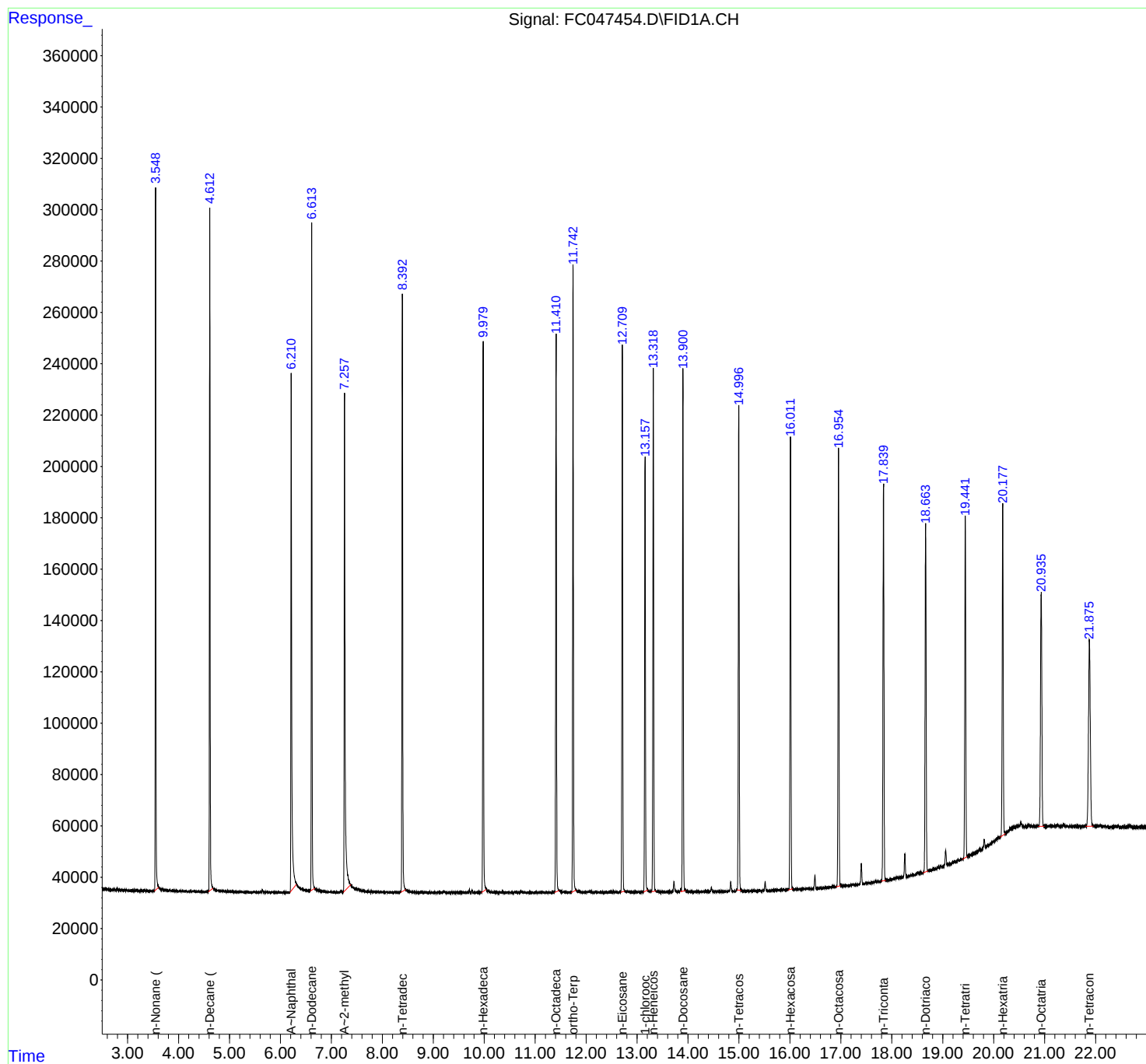
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

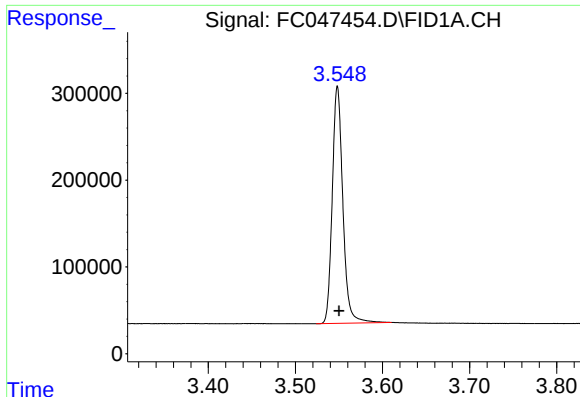
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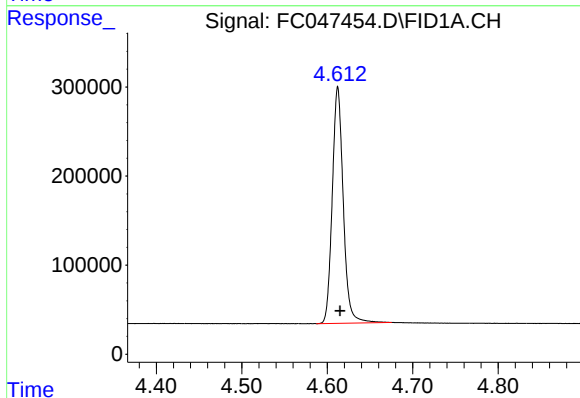
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: -0.002 min
Response: 2306607
Conc: 22.75 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

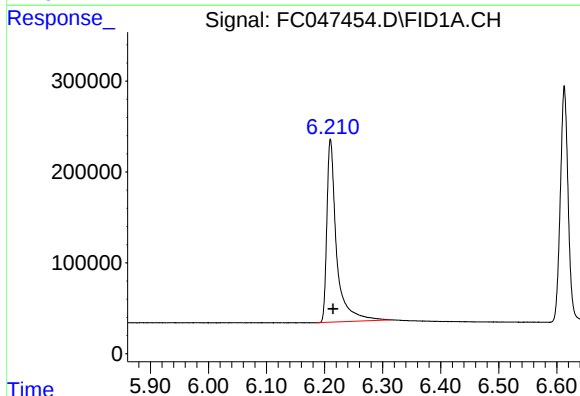
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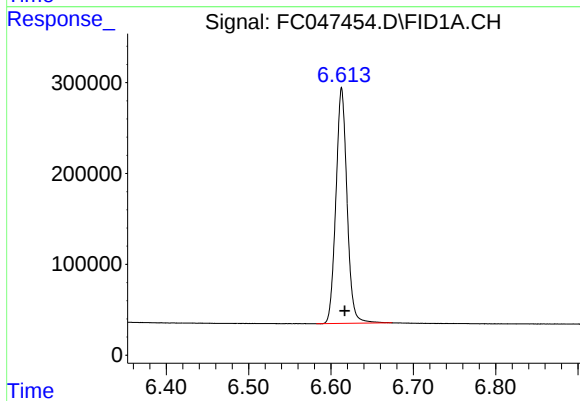
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.003 min
Response: 2371849
Conc: 23.21 ug/ml



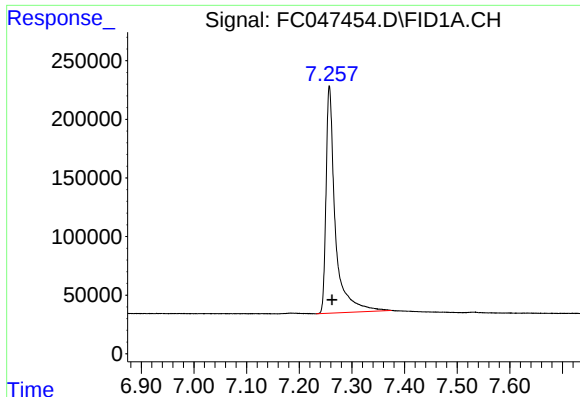
#3 A~Naphthalene (C11.7)

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 2347177
Conc: 22.54 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.613 min
Delta R.T.: -0.004 min
Response: 2435142
Conc: 23.05 ug/ml



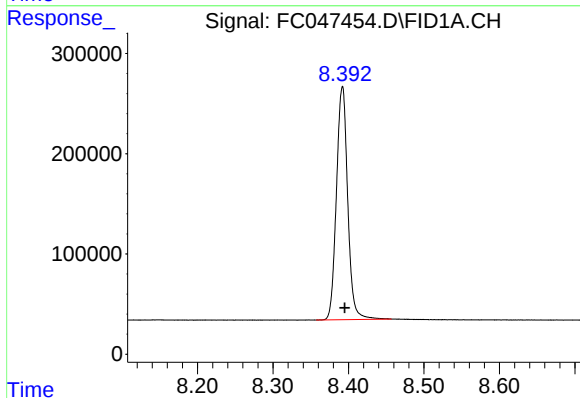
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.257 min
Delta R.T.: -0.005 min
Response: 2380949
Conc: 22.67 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

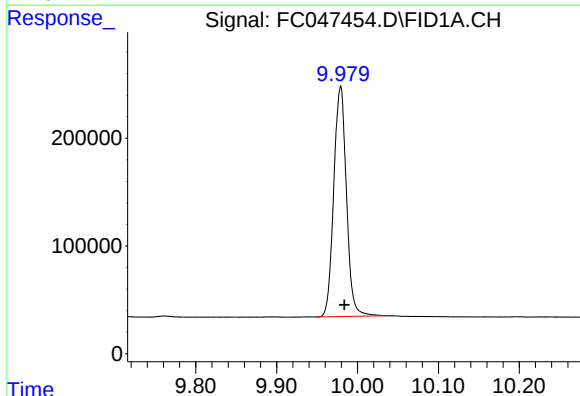
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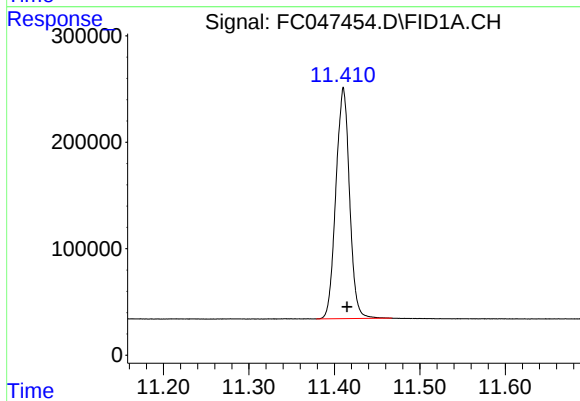
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: -0.003 min
Response: 2413676
Conc: 22.82 ug/ml



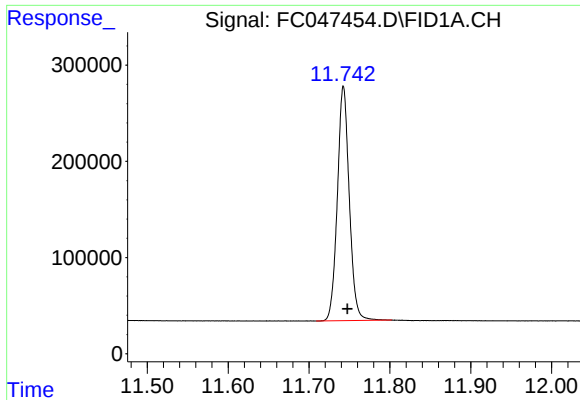
#7 n-Hexadecane (C16)

R.T.: 9.979 min
Delta R.T.: -0.004 min
Response: 2336435
Conc: 22.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.411 min
Delta R.T.: -0.004 min
Response: 2409689
Conc: 21.52 ug/ml



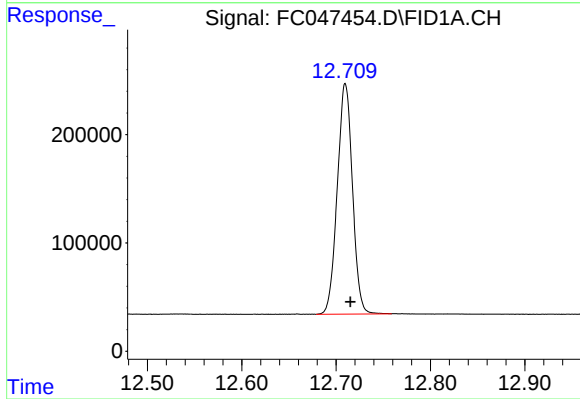
#9 ortho-Terphenyl (SURR)

R.T.: 11.743 min
Delta R.T.: -0.005 min
Response: 2496015
Conc: 20.88 ug/ml

Instrument :
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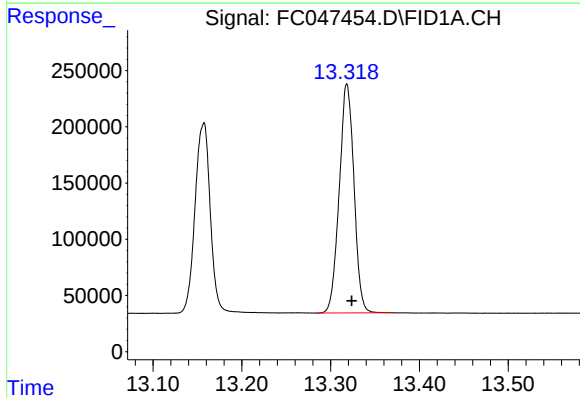
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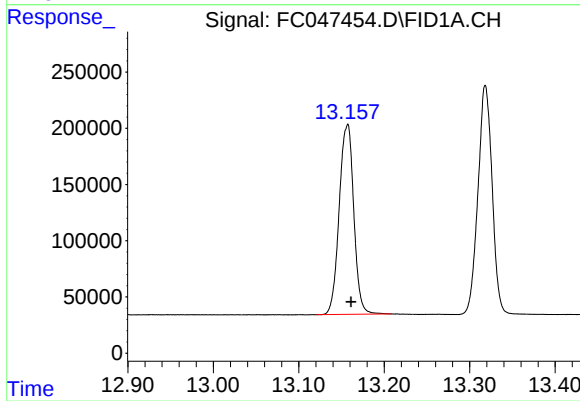
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: -0.005 min
Response: 2380138
Conc: 20.92 ug/ml



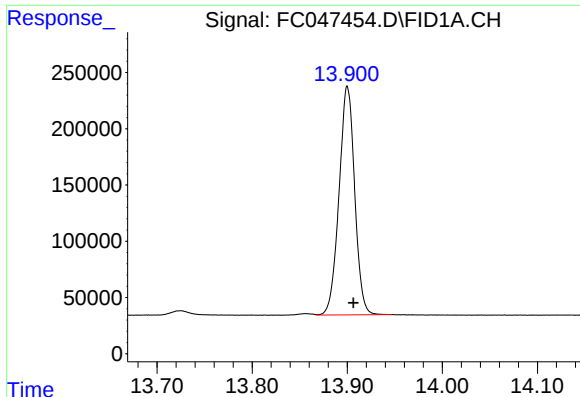
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: -0.005 min
Response: 2346835
Conc: 20.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.157 min
Delta R.T.: -0.004 min
Response: 2002456
Conc: 20.42 ug/ml



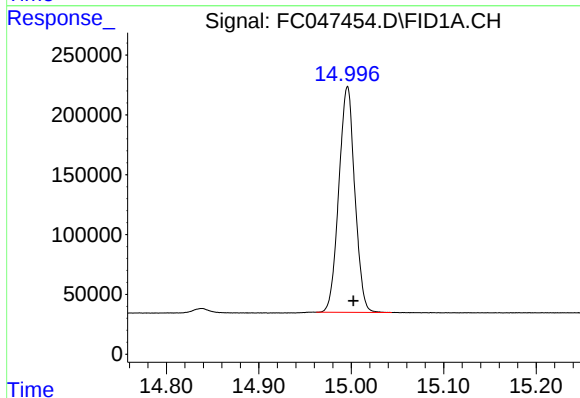
#13 n-Docosane (C22)

R.T.: 13.900 min
Delta R.T.: -0.007 min
Response: 2322594
Conc: 20.44 ug/ml m

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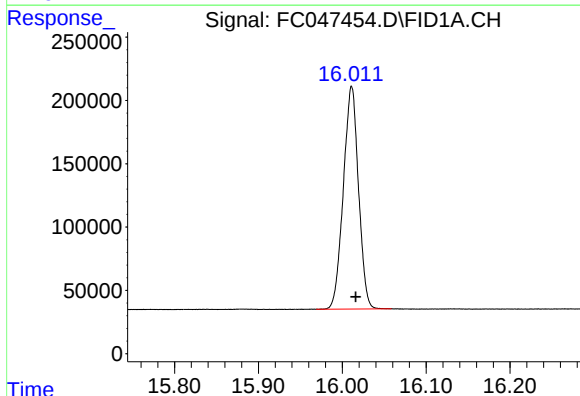
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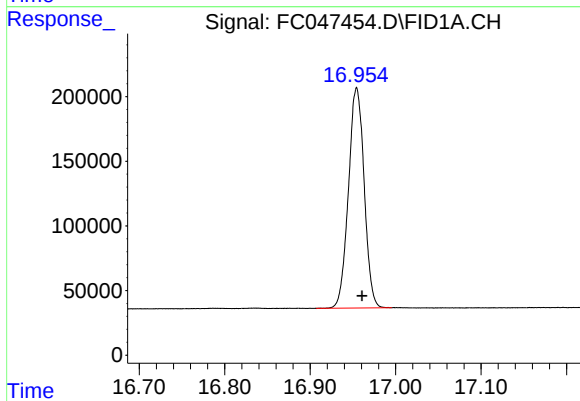
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.006 min
Response: 2264780
Conc: 20.02 ug/ml



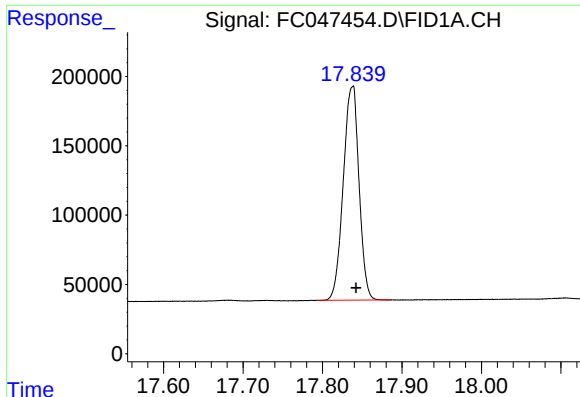
#15 n-Hexacosane (C26)

R.T.: 16.011 min
Delta R.T.: -0.005 min
Response: 2207907
Conc: 19.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.954 min
Delta R.T.: -0.007 min
Response: 2175982
Conc: 19.51 ug/ml



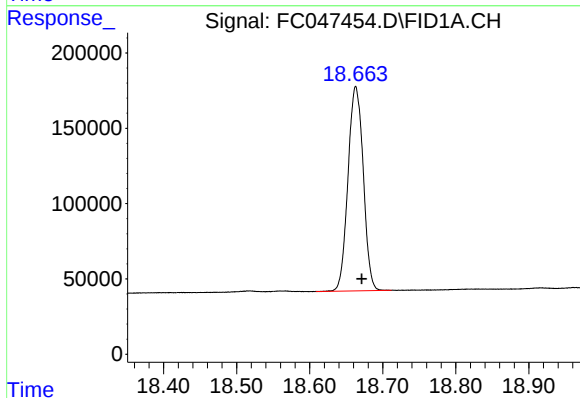
#17 n-Tricontane (C30)

R.T.: 17.838 min
Delta R.T.: -0.004 min
Response: 2129141
Conc: 19.69 ug/ml

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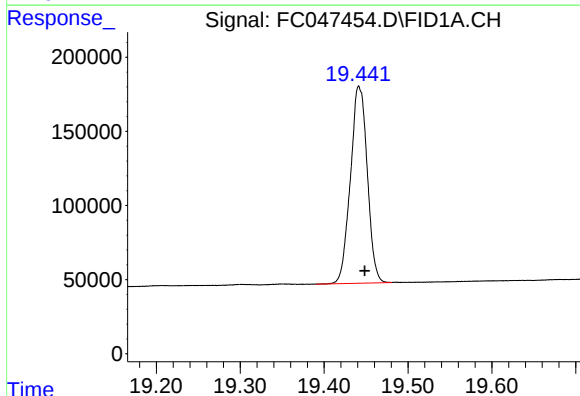
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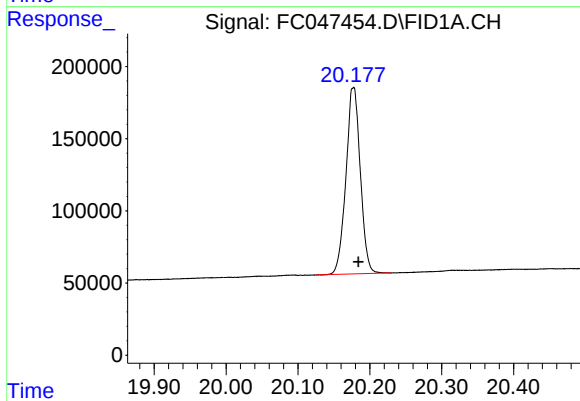
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.009 min
Response: 1967832
Conc: 19.95 ug/ml



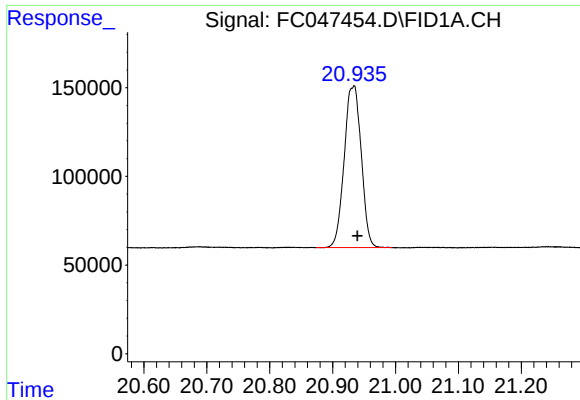
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: -0.007 min
Response: 1851481
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.177 min
Delta R.T.: -0.007 min
Response: 1793637
Conc: 20.68 ug/ml



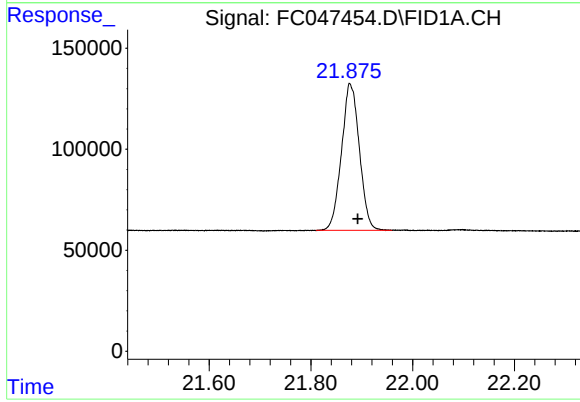
#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: -0.006 min
Response: 1710589
Conc: 21.20 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.876 min
Delta R.T.: -0.016 min
Response: 1771968
Conc: 21.79 ug/ml