

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052620AL\
 Data File : FC047600.D
 Signal(s) : FID1A.CH
 Acq On : 27 May 2020 4:49
 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
 5/28/2020 8:41:25 AM

Integration File: autoint1.e
 Quant Time: May 27 06:25:35 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)	11.736	2234271	18.690 ug/ml
Spiked Amount 50.000		Recovery =	37.38%
12) S 1-chlorooctadecane (S...	13.150	1804270	18.395 ug/ml
Spiked Amount 50.000		Recovery =	36.79%
Target Compounds			
1) T n-Nonane (C9)	3.547	2137031	21.080 ug/ml
2) T n-Decane (C10)	4.610	2172460	21.259 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2140409	20.555 ug/ml
4) T n-Dodecane (C12)	6.610	2212985	20.951 ug/ml
5) T A~2-methylnaphthalene...	7.255	2136371	20.344 ug/ml
6) T n-Tetradecane (C14)	8.388	2180887	20.618 ug/ml
7) T n-Hexadecane (C16)	9.974	2108268	19.925 ug/ml
8) T n-Octadecane (C18)	11.405	2162751	19.314 ug/ml
10) T n-Eicosane (C20)	12.704	2139861	18.806 ug/ml
11) T n-Heneicosane (C21)	13.312	2105144	18.517 ug/ml
13) T n-Docosane (C22)	13.894	2099614	18.477 ug/ml
14) T n-Tetracosane (C24)	14.991	2105891	18.612 ug/ml
15) T n-Hexacosane (C26)	16.004	2048220	18.287 ug/ml
16) T n-Octacosane (C28)	16.949	2044635	18.331 ug/ml
17) T n-Tricontane (C30)	17.829	2001251	18.509 ug/ml
18) T n-Dotriacontane (C32)	18.659	1843690	18.696 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1734515	18.910 ug/mlm
20) T n-Hexatriacontane (C36)	20.169	1698750	19.588 ug/mlm
21) T n-Octatriacontane (C38)	20.924	1657776	20.546 ug/ml
22) T n-Tetracontane (C40)	21.865	1633287	20.084 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

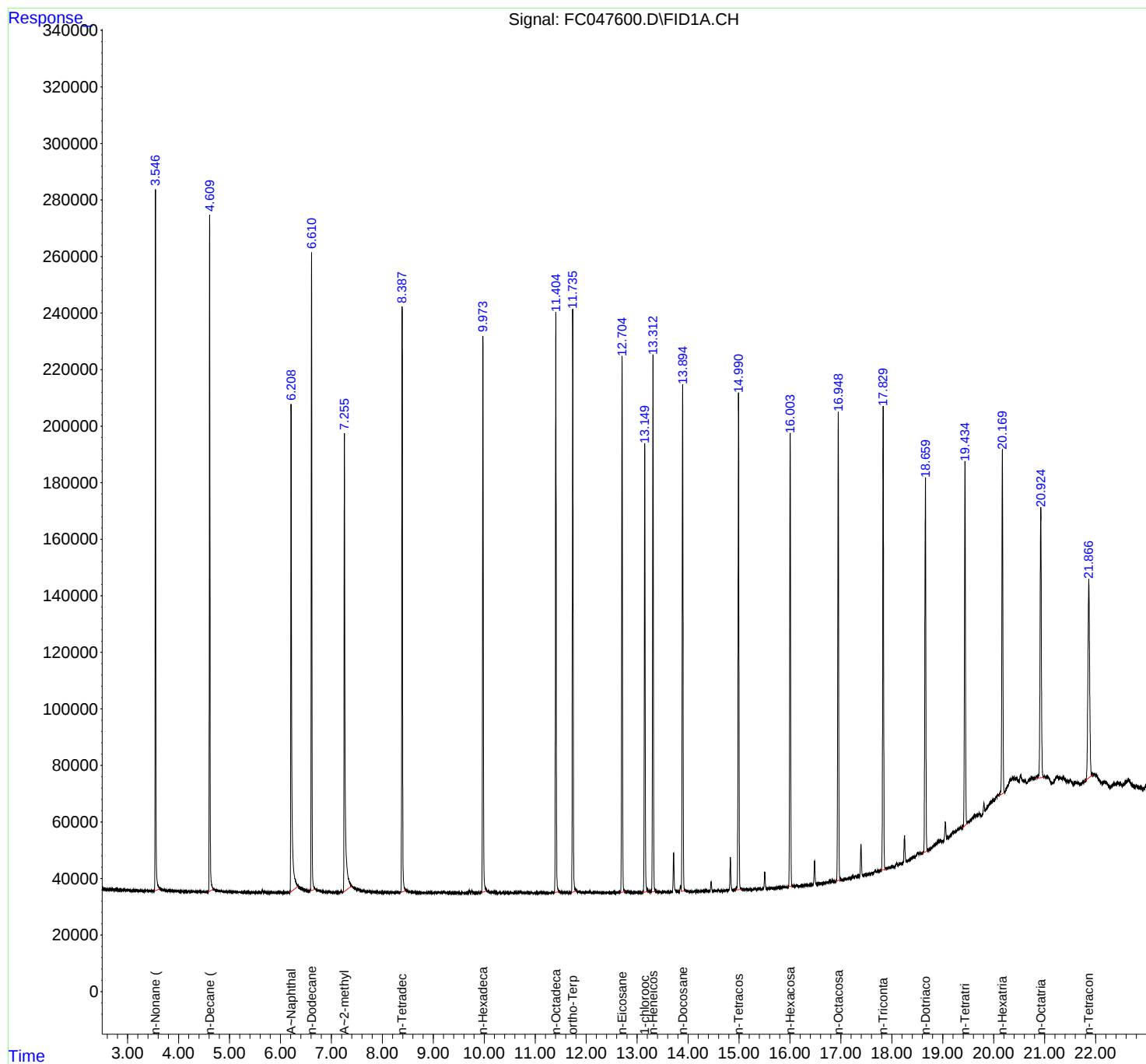
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

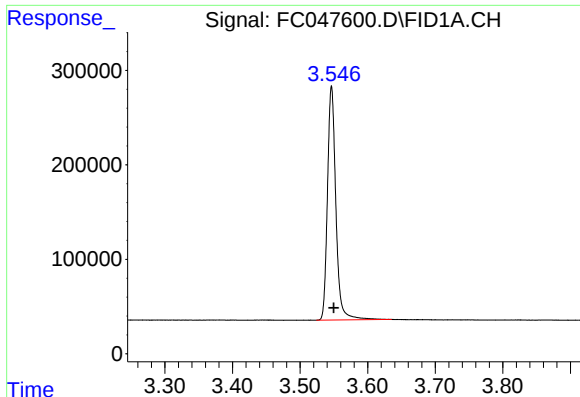
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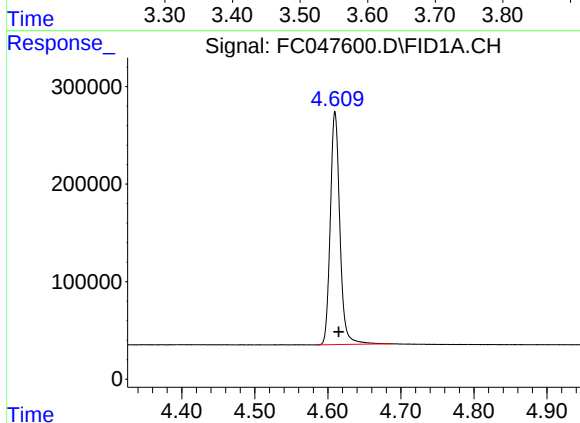
#1 n-Nonane (C9)

R.T.: 3.547 min
Delta R.T.: -0.003 min
Response: 2137031
Conc: 21.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

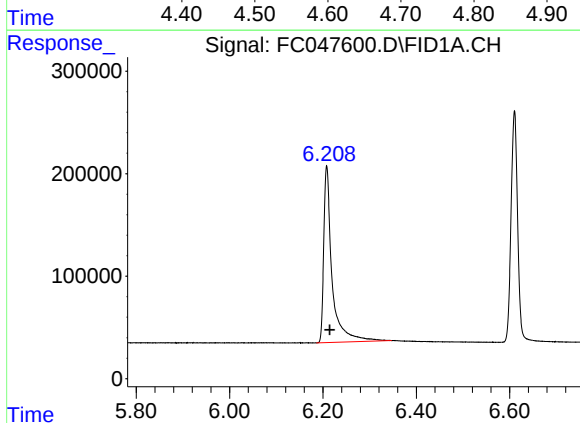
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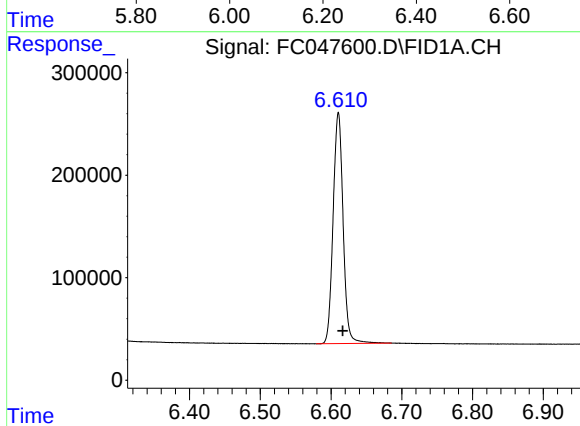
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.005 min
Response: 2172460
Conc: 21.26 ug/ml



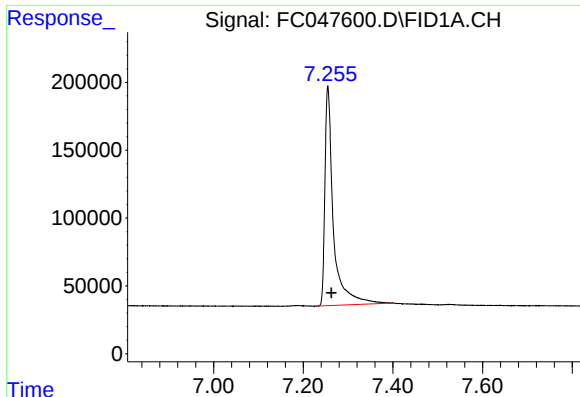
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.007 min
Response: 2140409
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.610 min
Delta R.T.: -0.006 min
Response: 2212985
Conc: 20.95 ug/ml



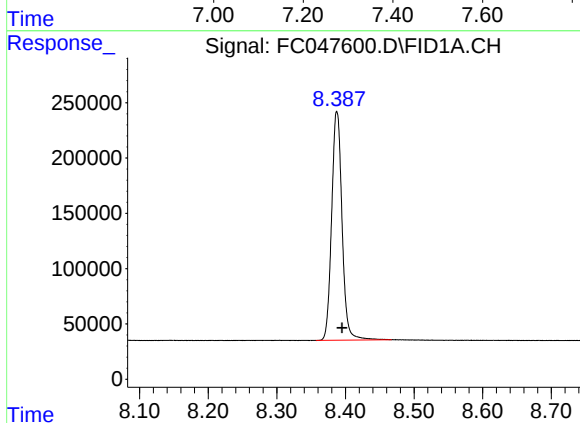
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: -0.007 min
Response: 2136371
Conc: 20.34 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

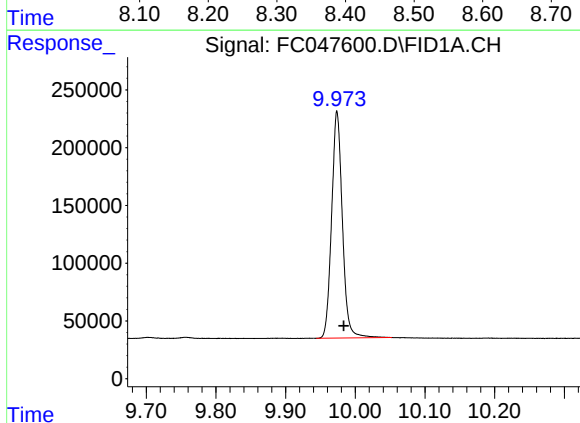
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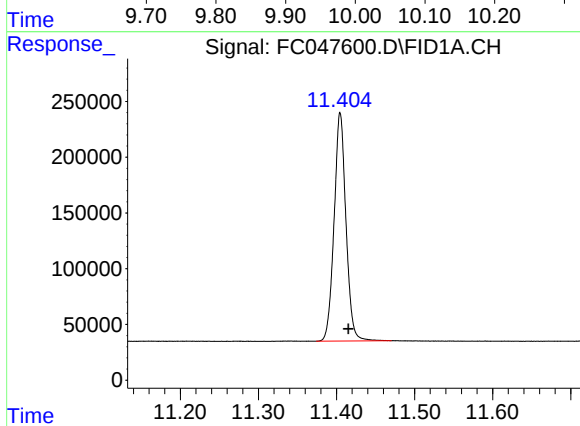
#6 n-Tetradecane (C14)

R.T.: 8.388 min
Delta R.T.: -0.008 min
Response: 2180887
Conc: 20.62 ug/ml



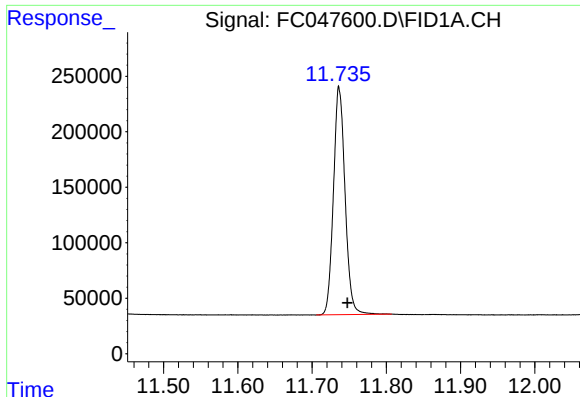
#7 n-Hexadecane (C16)

R.T.: 9.974 min
Delta R.T.: -0.010 min
Response: 2108268
Conc: 19.93 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.405 min
Delta R.T.: -0.010 min
Response: 2162751
Conc: 19.31 ug/ml



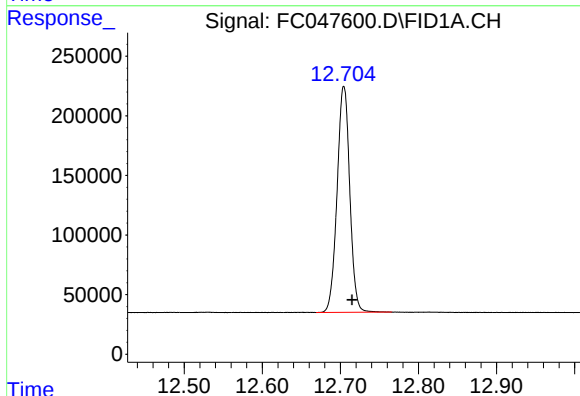
#9 ortho-Terphenyl (SURR)

R.T.: 11.736 min
Delta R.T.: -0.011 min
Response: 2234271
Conc: 18.69 ug/ml

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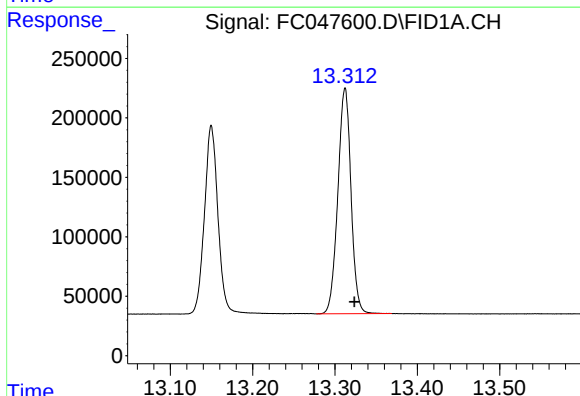
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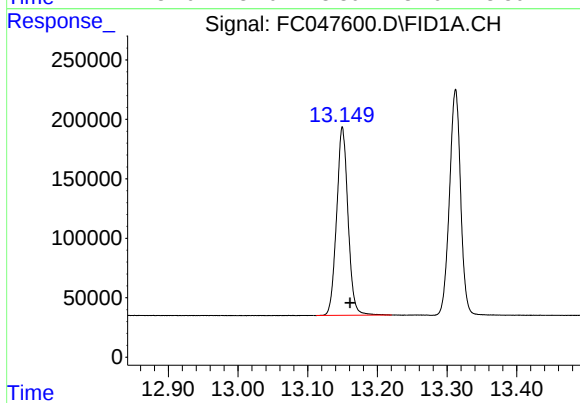
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.011 min
Response: 2139861
Conc: 18.81 ug/ml



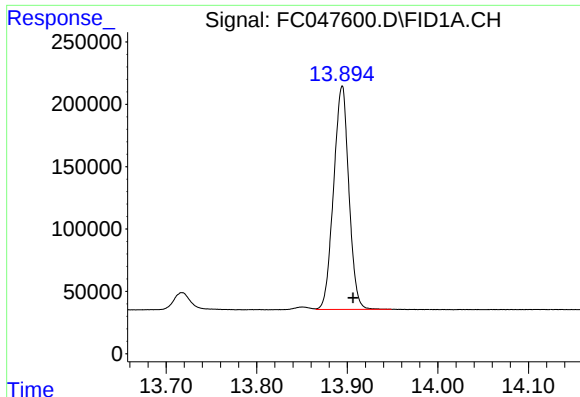
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: -0.011 min
Response: 2105144
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.150 min
Delta R.T.: -0.011 min
Response: 1804270
Conc: 18.40 ug/ml



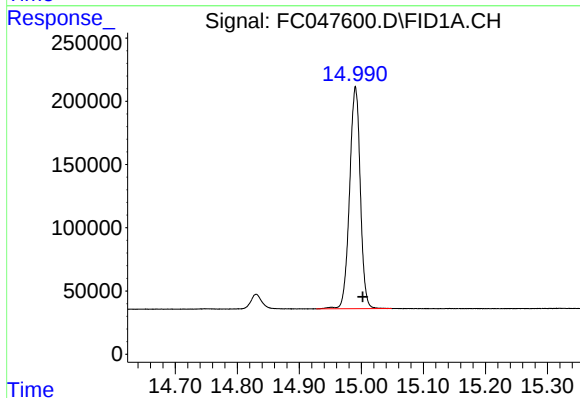
#13 n-Docosane (C22)

R.T.: 13.894 min
Delta R.T.: -0.012 min
Response: 2099614
Conc: 18.48 ug/ml

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20 PPM ALIPHATIC HC STD

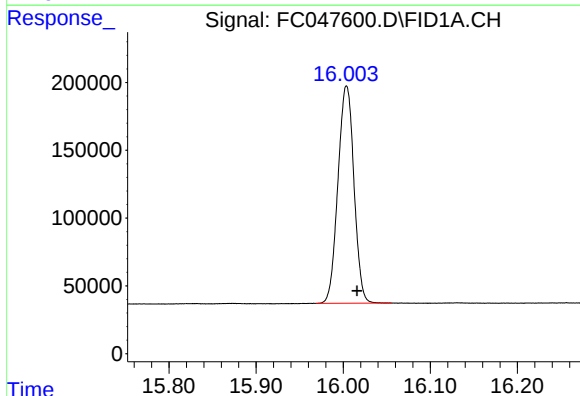
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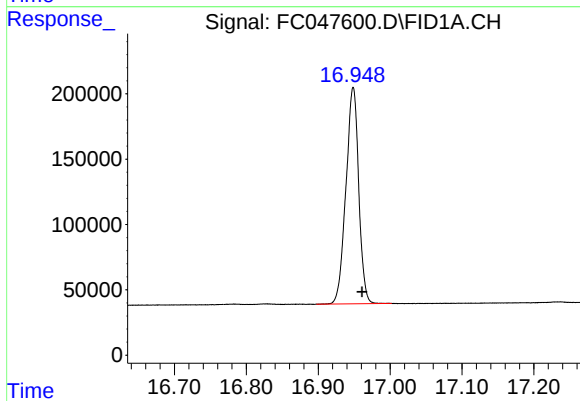
#14 n-Tetracosane (C24)

R.T.: 14.991 min
Delta R.T.: -0.012 min
Response: 2105891
Conc: 18.61 ug/ml



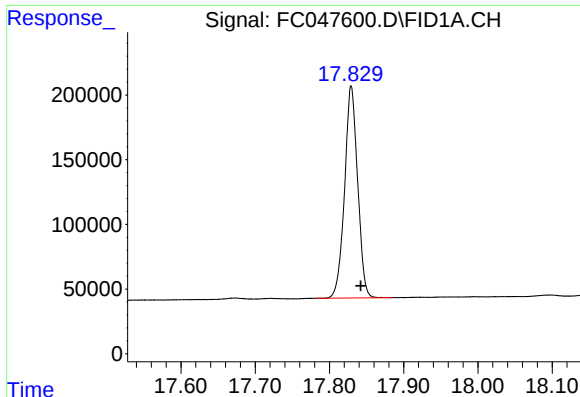
#15 n-Hexacosane (C26)

R.T.: 16.004 min
Delta R.T.: -0.012 min
Response: 2048220
Conc: 18.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.012 min
Response: 2044635
Conc: 18.33 ug/ml



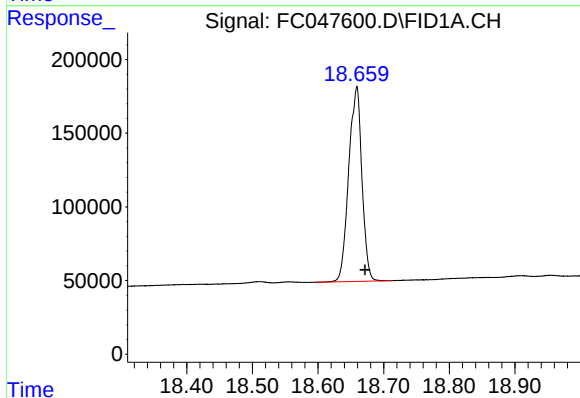
#17 n-Tricontane (C30)

R.T.: 17.829 min
Delta R.T.: -0.013 min
Response: 2001251
Conc: 18.51 ug/ml

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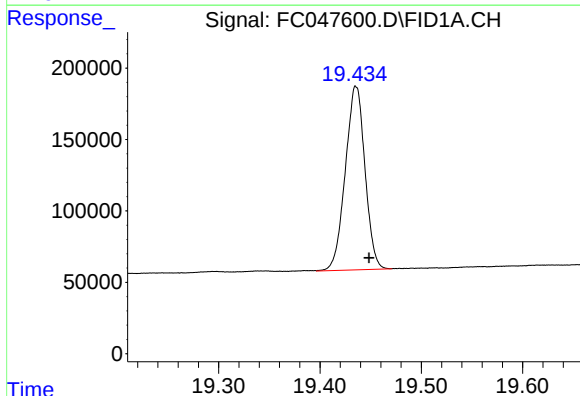
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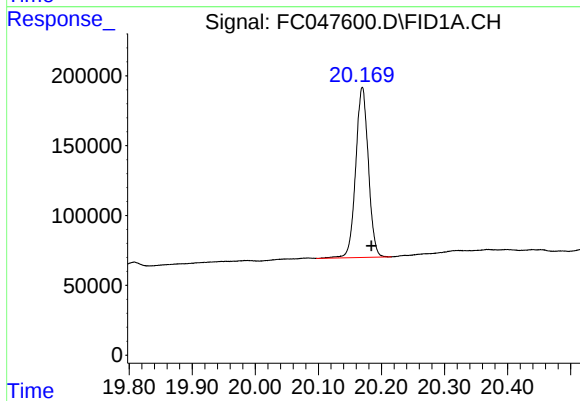
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: -0.012 min
Response: 1843690
Conc: 18.70 ug/ml



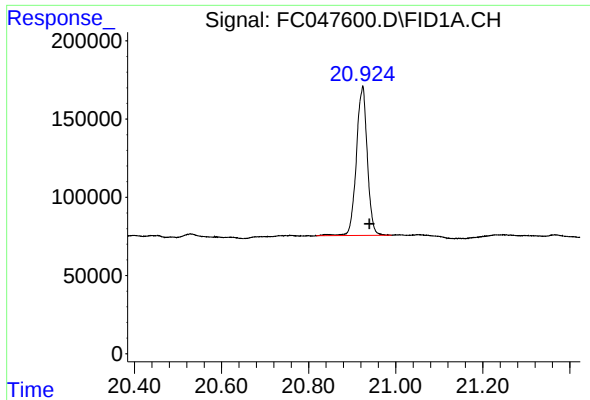
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: -0.014 min
Response: 1734515
Conc: 18.91 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.169 min
Delta R.T.: -0.015 min
Response: 1698750
Conc: 19.59 ug/ml m



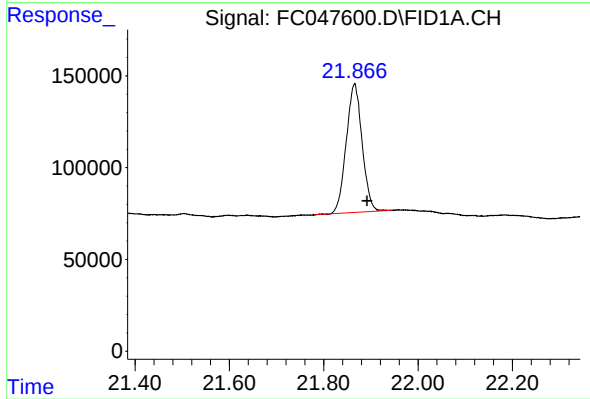
#21 n-Octatriacontane (C38)

R.T.: 20.924 min
Delta R.T.: -0.016 min
Response: 1657776
Conc: 20.55 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.865 min
Delta R.T.: -0.027 min
Response: 1633287
Conc: 20.08 ug/ml