

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060420AL\
 Data File : FC047744.D
 Signal(s) : FID1A.CH
 Acq On : 05 Jun 2020 5:59
 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
 6/8/2020 10:42:12 AM

Integration File: autoint1.e
 Quant Time: Jun 05 06:23:57 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	2134503	17.856 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
12) S 1-chlorooctadecane (S...	13.151	1706855	17.402 ug/ml
Spiked Amount 50.000		Recovery =	34.80%
Target Compounds			
1) T n-Nonane (C9)	3.544	2072382	20.442 ug/ml
2) T n-Decane (C10)	4.608	2089989	20.452 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2067775	19.858 ug/ml
4) T n-Dodecane (C12)	6.609	2132358	20.188 ug/ml
5) T A~2-methylnaphthalene...	7.255	2064038	19.655 ug/ml
6) T n-Tetradecane (C14)	8.387	2091386	19.772 ug/ml
7) T n-Hexadecane (C16)	9.975	2037310	19.255 ug/ml
8) T n-Octadecane (C18)	11.405	2074053	18.522 ug/ml
10) T n-Eicosane (C20)	12.705	2030476	17.845 ug/ml
11) T n-Heneicosane (C21)	13.313	1999117	17.584 ug/ml
13) T n-Docosane (C22)	13.896	1965816	17.299 ug/ml
14) T n-Tetracosane (C24)	14.992	1910213	16.883 ug/ml
15) T n-Hexacosane (C26)	16.005	1862889	16.632 ug/ml
16) T n-Octacosane (C28)	16.949	1864131	16.713 ug/ml
17) T n-Tricontane (C30)	17.833	1858879	17.192 ug/ml
18) T n-Dotriacontane (C32)	18.659	1741878	17.664 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1666557	18.169 ug/mlm
20) T n-Hexatriacontane (C36)	20.174	1660878	19.151 ug/mlm
21) T n-Octatriacontane (C38)	20.927	1643844	20.373 ug/ml
22) T n-Tetracontane (C40)	21.875	1649289	20.281 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 05 Jun 2020 5:59
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

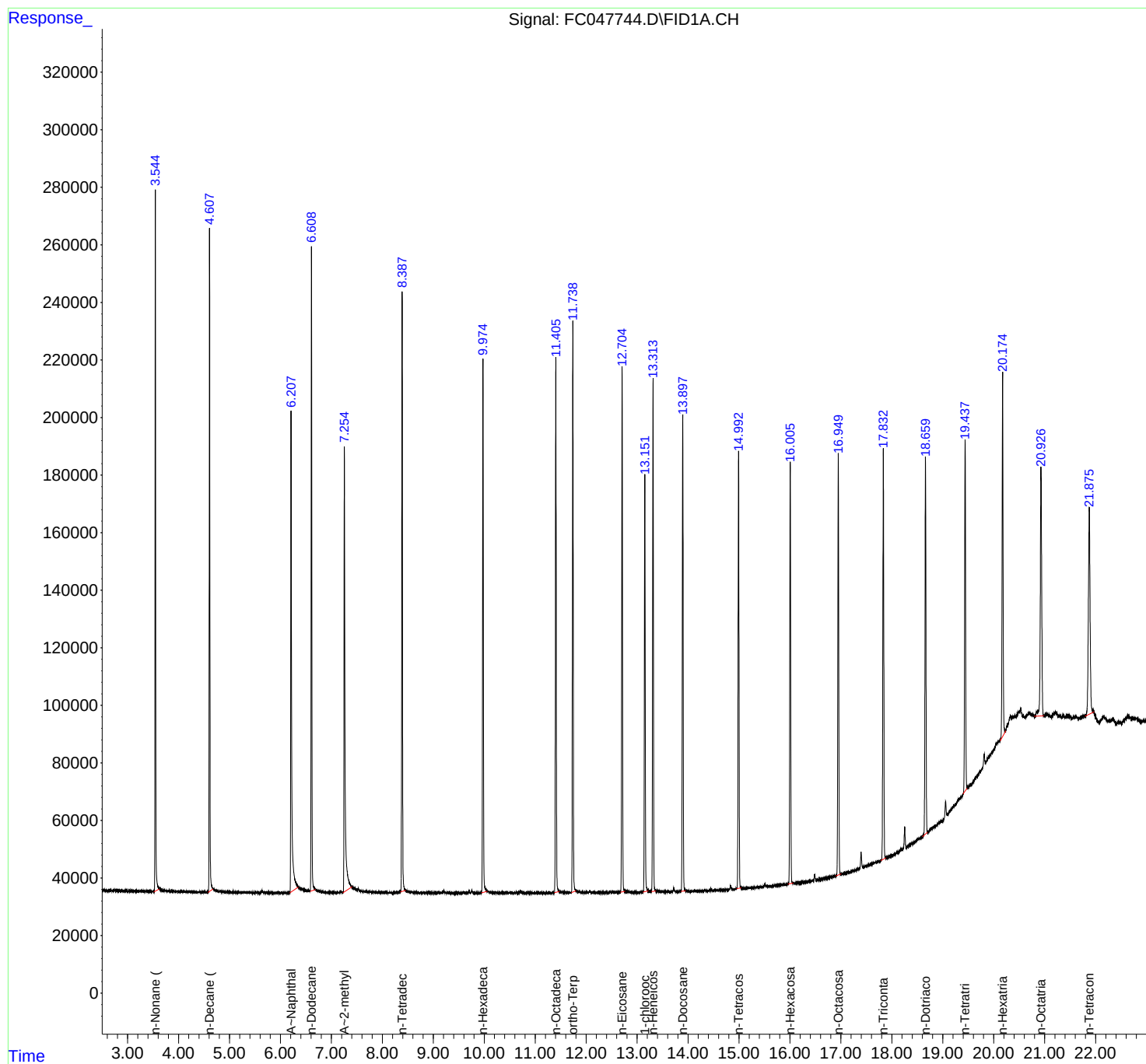
Instrument :
FID_C
ClientSampled :
20 PPM ALIPHATIC HC STD

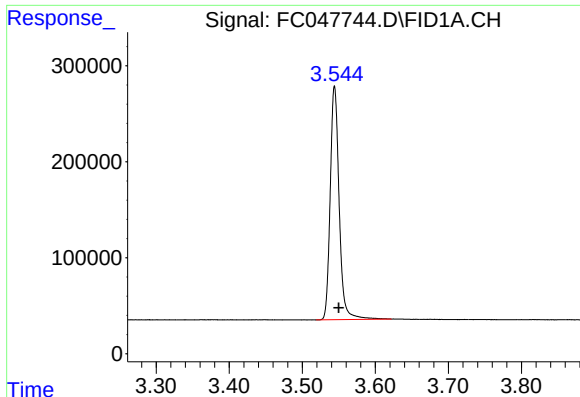
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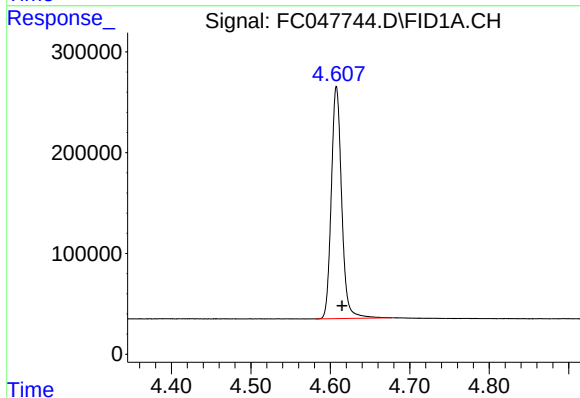
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: -0.006 min
Response: 2072382
Conc: 20.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

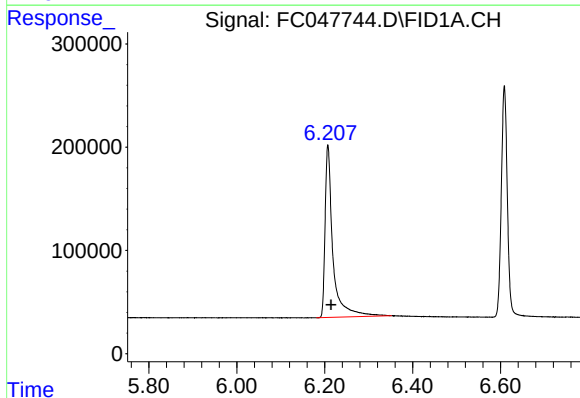
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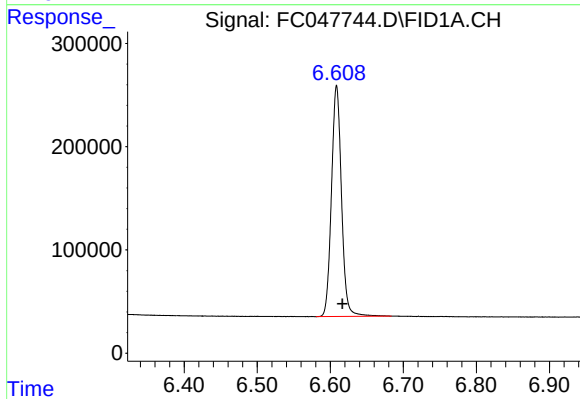
#2 n-Decane (C10)

R.T.: 4.608 min
Delta R.T.: -0.007 min
Response: 2089989
Conc: 20.45 ug/ml



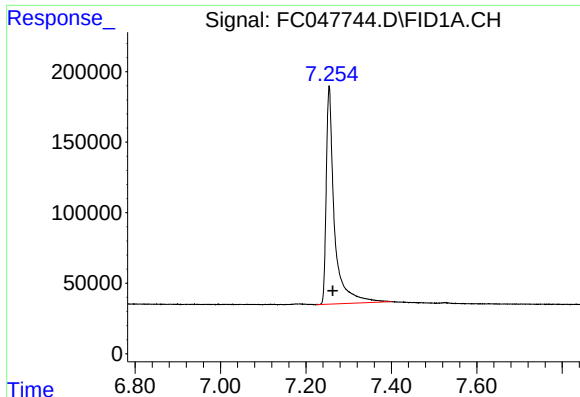
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.007 min
Response: 2067775
Conc: 19.86 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.609 min
Delta R.T.: -0.008 min
Response: 2132358
Conc: 20.19 ug/ml



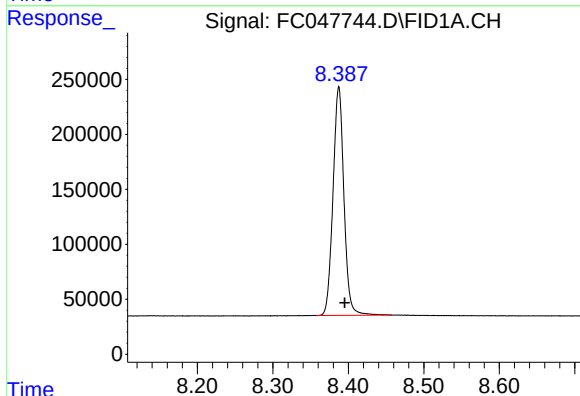
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.255 min
Delta R.T.: -0.008 min
Response: 2064038
Conc: 19.65 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

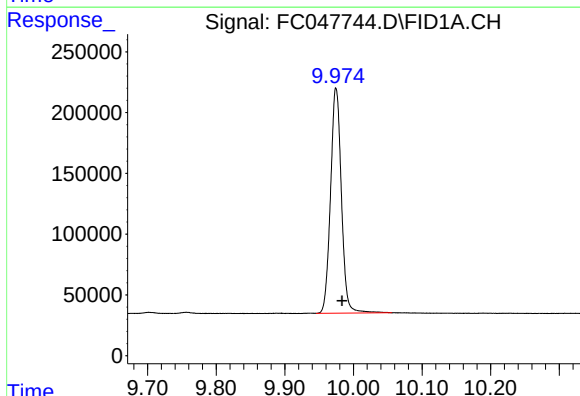
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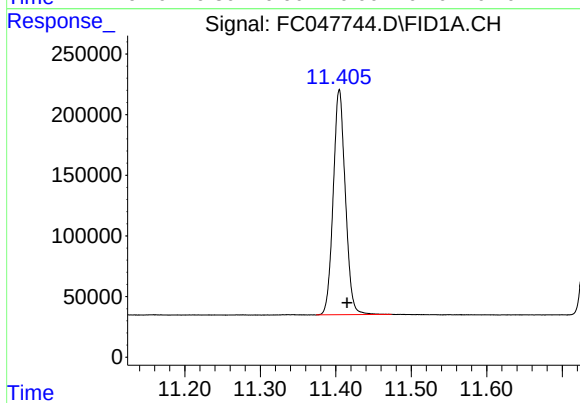
#6 n-Tetradecane (C14)

R.T.: 8.387 min
Delta R.T.: -0.008 min
Response: 2091386
Conc: 19.77 ug/ml



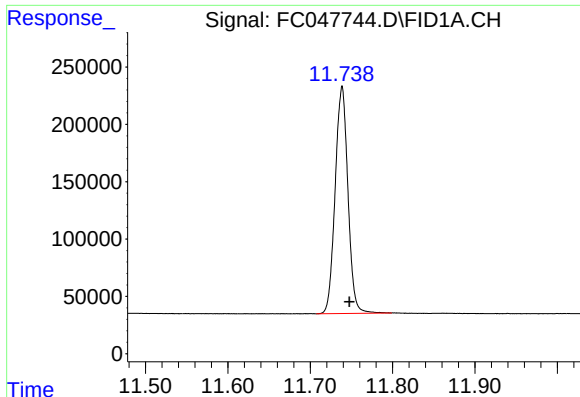
#7 n-Hexadecane (C16)

R.T.: 9.975 min
Delta R.T.: -0.009 min
Response: 2037310
Conc: 19.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.405 min
Delta R.T.: -0.010 min
Response: 2074053
Conc: 18.52 ug/ml



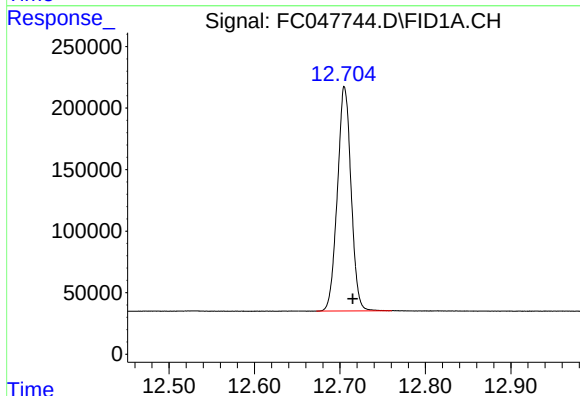
#9 ortho-Terphenyl (SURRE)

R.T.: 11.739 min
Delta R.T.: -0.009 min
Response: 2134503
Conc: 17.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

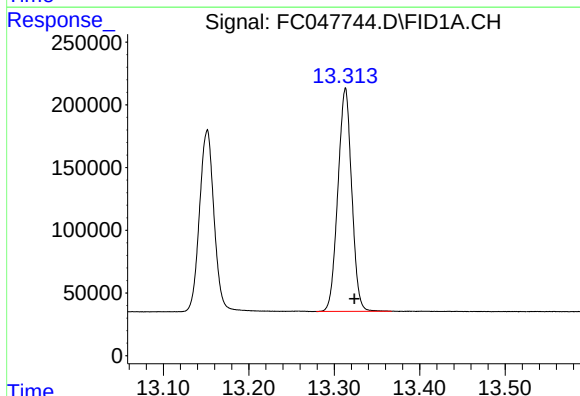
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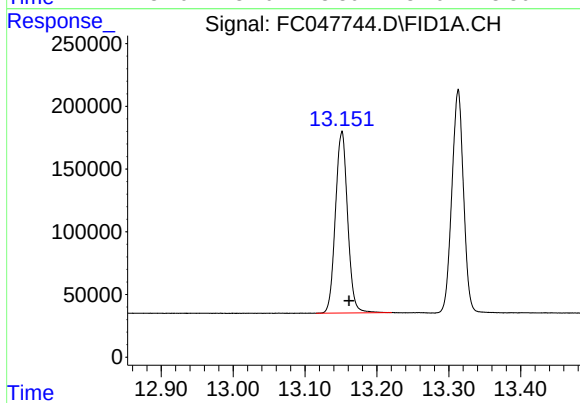
#10 n-Eicosane (C20)

R.T.: 12.705 min
Delta R.T.: -0.010 min
Response: 2030476
Conc: 17.84 ug/ml



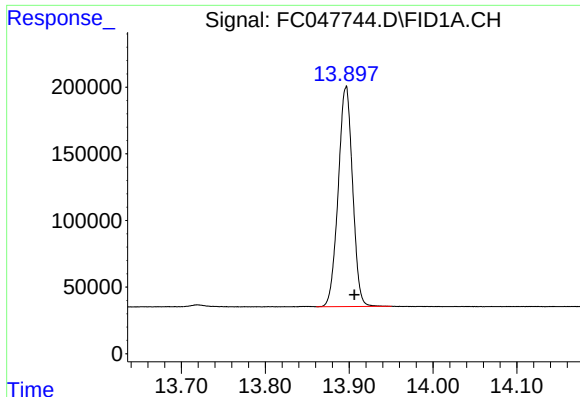
#11 n-Heneicosane (C21)

R.T.: 13.313 min
Delta R.T.: -0.010 min
Response: 1999117
Conc: 17.58 ug/ml



#12 1-chlorooctadecane (SURRE)

R.T.: 13.151 min
Delta R.T.: -0.010 min
Response: 1706855
Conc: 17.40 ug/ml



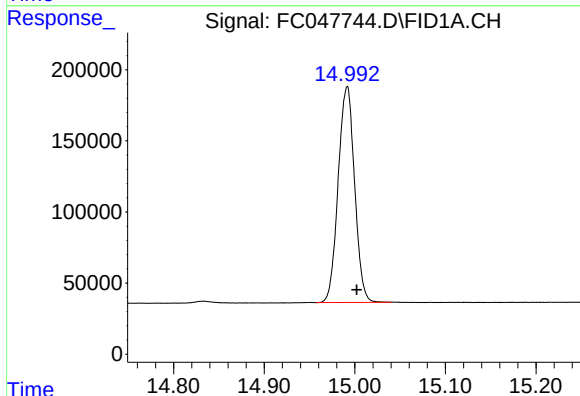
#13 n-Docosane (C22)

R.T.: 13.896 min
Delta R.T.: -0.010 min
Response: 1965816
Conc: 17.30 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

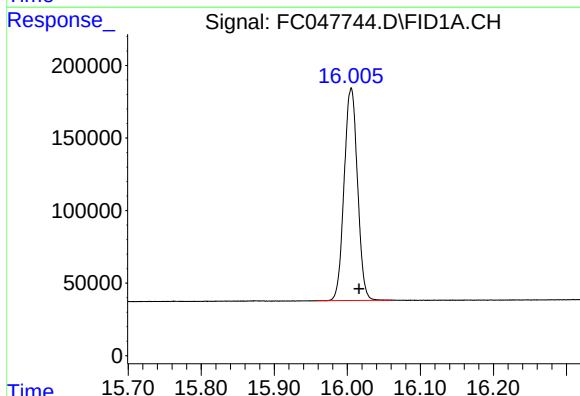
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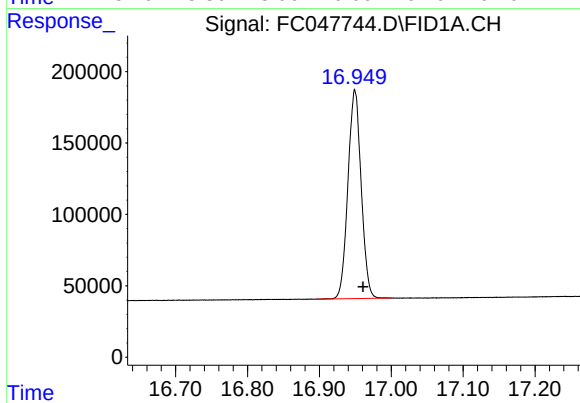
#14 n-Tetracosane (C24)

R.T.: 14.992 min
Delta R.T.: -0.011 min
Response: 1910213
Conc: 16.88 ug/ml



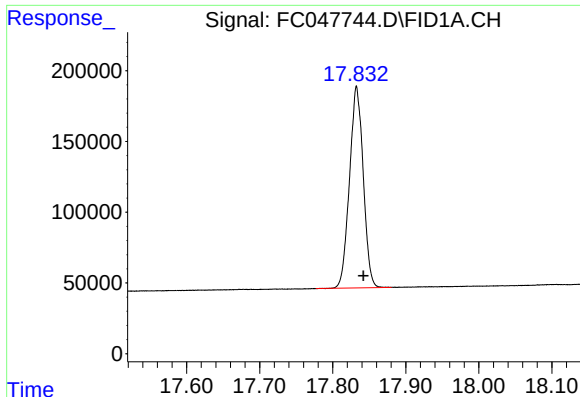
#15 n-Hexacosane (C26)

R.T.: 16.005 min
Delta R.T.: -0.011 min
Response: 1862889
Conc: 16.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.949 min
Delta R.T.: -0.011 min
Response: 1864131
Conc: 16.71 ug/ml



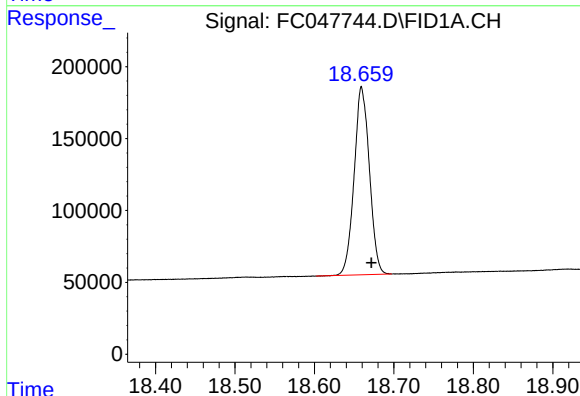
#17 n-Tricontane (C30)

R.T.: 17.833 min
Delta R.T.: -0.010 min
Response: 1858879
Conc: 17.19 ug/ml

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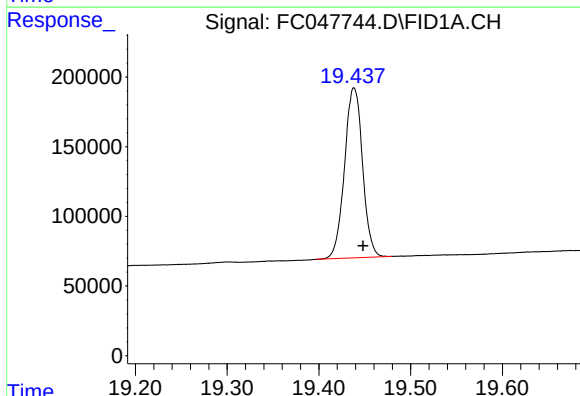
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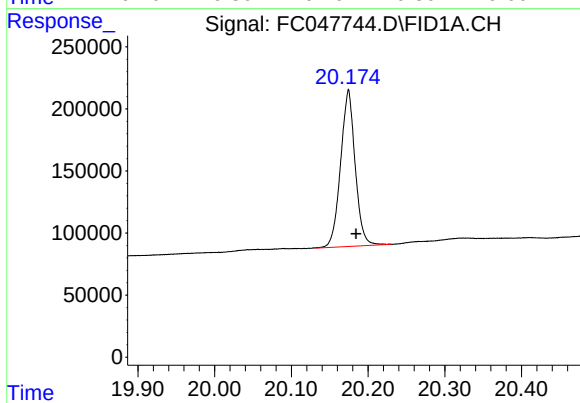
#18 n-Dotriacontane (C32)

R.T.: 18.659 min
Delta R.T.: -0.012 min
Response: 1741878
Conc: 17.66 ug/ml



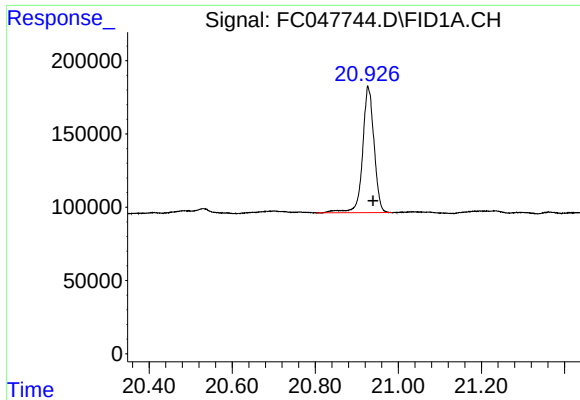
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: -0.011 min
Response: 1666557
Conc: 18.17 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.174 min
Delta R.T.: -0.010 min
Response: 1660878
Conc: 19.15 ug/ml m



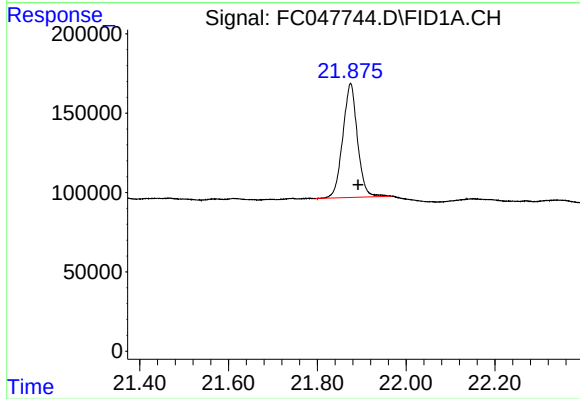
#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: -0.013 min
Response: 1643844
Conc: 20.37 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

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#22 n-Tetracontane (C40)

R.T.: 21.875 min
Delta R.T.: -0.017 min
Response: 1649289
Conc: 20.28 ug/ml