

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062620AL\
 Data File : FC048123.D
 Signal(s) : FID1A.CH
 Acq On : 27 Jun 2020 1:20
 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

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 6/29/2020 2:23:31 PM

Integration File: autoint1.e
 Quant Time: Jun 27 04:06:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.721	2200132	18.341 ug/ml
Spiked Amount 50.000		Recovery =	36.68%
12) S 1-chlorooctadecane (S...	13.132	1775793	18.132 ug/ml
Spiked Amount 50.000		Recovery =	36.26%
Target Compounds			
1) T n-Nonane (C9)	3.535	2024672	20.232 ug/ml
2) T n-Decane (C10)	4.597	2055106	20.454 ug/ml
3) T A-Naphthalene (C11.7)	6.197	1996018	19.783 ug/ml
4) T n-Dodecane (C12)	6.595	2148073	20.520 ug/ml
5) T A~2-methylnaphthalene...	7.245	2039954	19.709 ug/ml
6) T n-Tetradecane (C14)	8.373	2149197	20.477 ug/ml
7) T n-Hexadecane (C16)	9.959	2109222	20.188 ug/ml
8) T n-Octadecane (C18)	11.388	2161305	19.443 ug/ml
10) T n-Eicosane (C20)	12.687	2125658	18.678 ug/ml
11) T n-Heneicosane (C21)	13.294	2087363	18.241 ug/ml
13) T n-Docosane (C22)	13.876	2039112	17.776 ug/ml
14) T n-Tetracosane (C24)	14.971	1951372	16.981 ug/ml
15) T n-Hexacosane (C26)	15.986	1863004	16.310 ug/ml
16) T n-Octacosane (C28)	16.929	1828803	16.090 ug/ml
17) T n-Tricontane (C30)	17.812	1787195	16.307 ug/ml
18) T n-Dotriacontane (C32)	18.638	1655162	16.696 ug/ml
19) T n-Tetratriacontane (C34)	19.416	1590346	17.365 ug/ml
20) T n-Hexatriacontane (C36)	20.151	1548159	18.053 ug/ml
21) T n-Octatriacontane (C38)	20.903	1480352	18.589 ug/ml
22) T n-Tetracontane (C40)	21.841	1502312	19.001 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

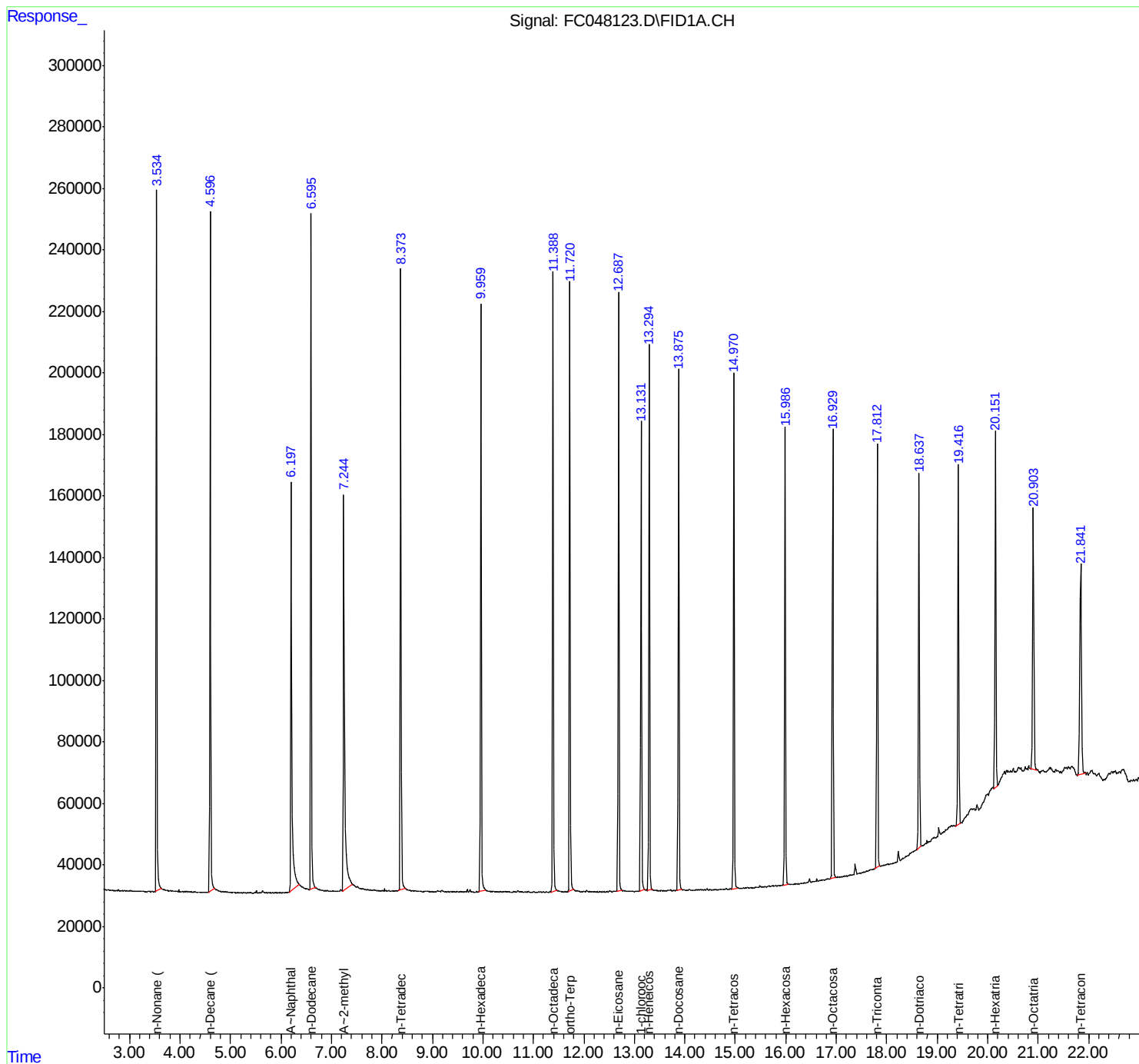
Instrument :
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20 PPM ALIPHATIC HC STD

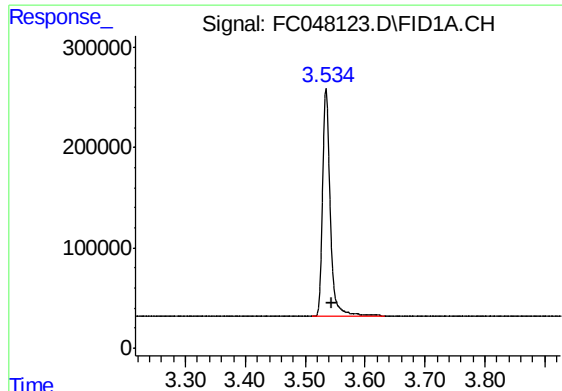
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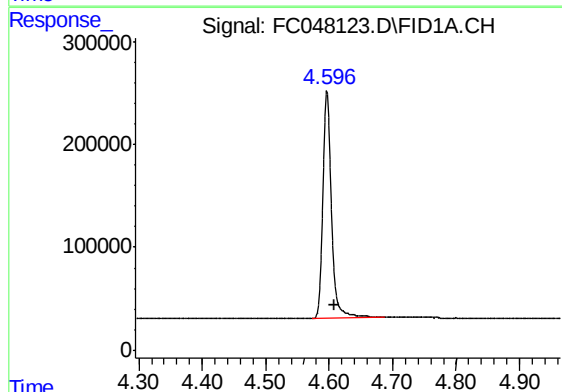
#1 n-Nonane (C9)

R.T.: 3.535 min
Delta R.T.: -0.009 min
Response: 2024672
Conc: 20.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

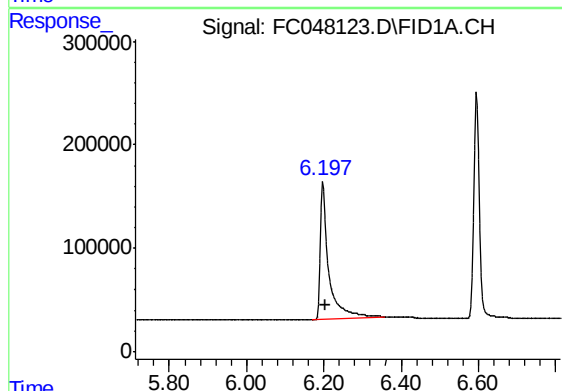
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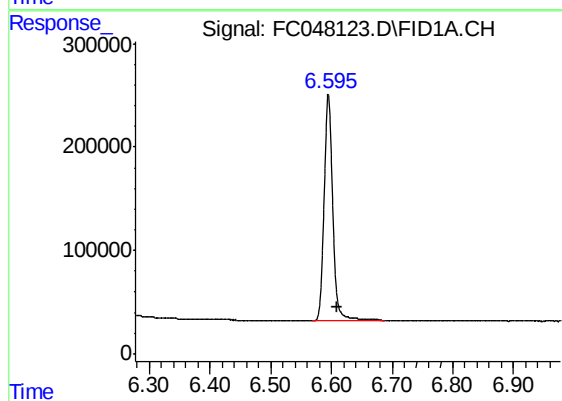
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.012 min
Response: 2055106
Conc: 20.45 ug/ml



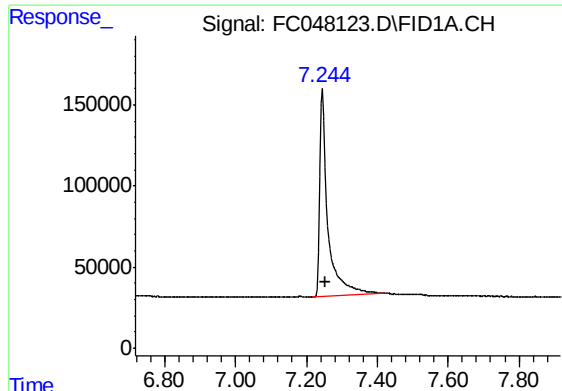
#3 A~Naphthalene (C11.7)

R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 1996018
Conc: 19.78 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.595 min
Delta R.T.: -0.015 min
Response: 2148073
Conc: 20.52 ug/ml



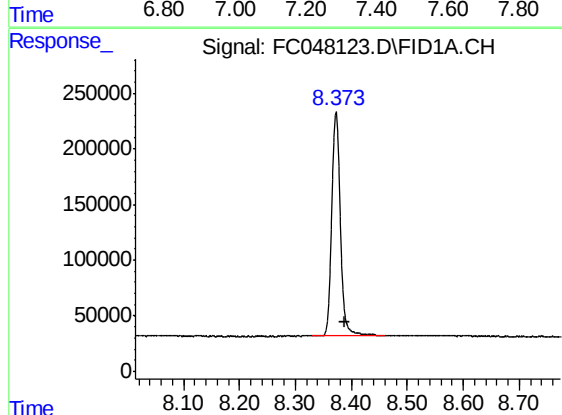
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.245 min
Delta R.T.: -0.008 min
Response: 2039954
Conc: 19.71 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

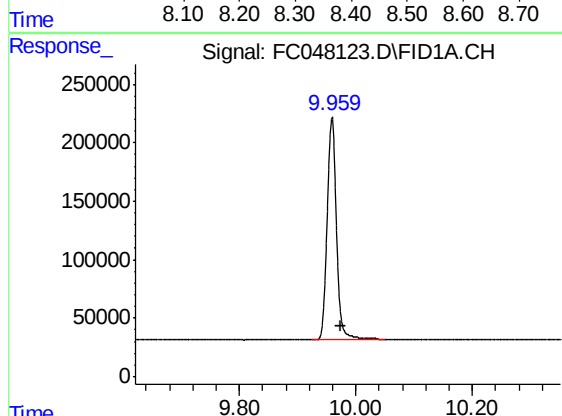
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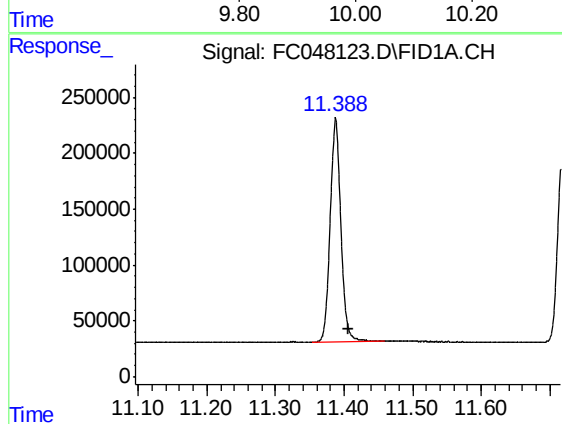
#6 n-Tetradecane (C14)

R.T.: 8.373 min
Delta R.T.: -0.015 min
Response: 2149197
Conc: 20.48 ug/ml



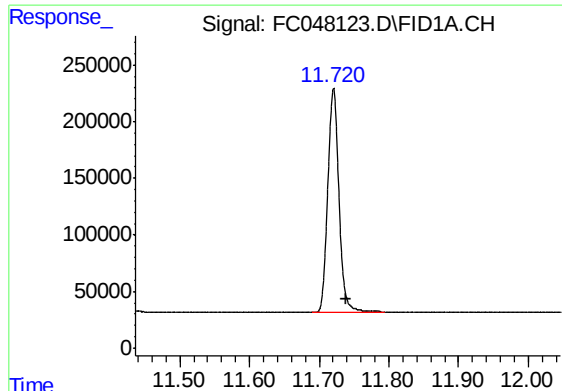
#7 n-Hexadecane (C16)

R.T.: 9.959 min
Delta R.T.: -0.015 min
Response: 2109222
Conc: 20.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.388 min
Delta R.T.: -0.018 min
Response: 2161305
Conc: 19.44 ug/ml



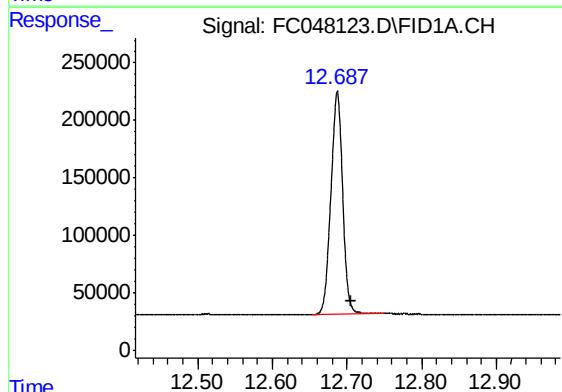
#9 ortho-Terphenyl (SURR)

R.T.: 11.721 min
Delta R.T.: -0.018 min
Response: 2200132
Conc: 18.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

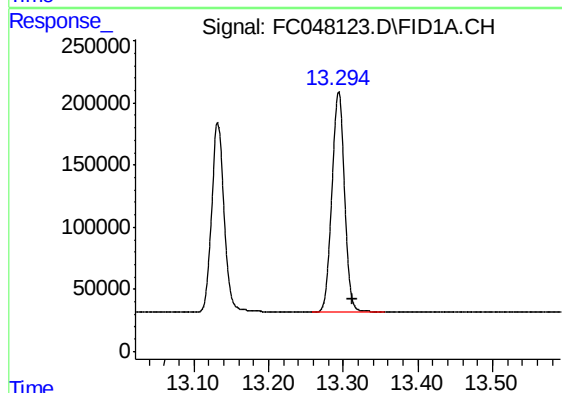
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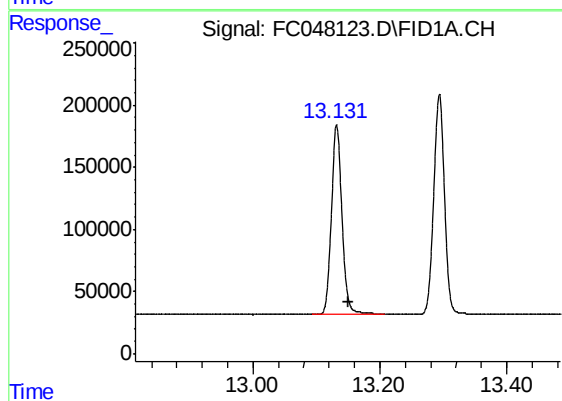
#10 n-Eicosane (C20)

R.T.: 12.687 min
Delta R.T.: -0.018 min
Response: 2125658
Conc: 18.68 ug/ml



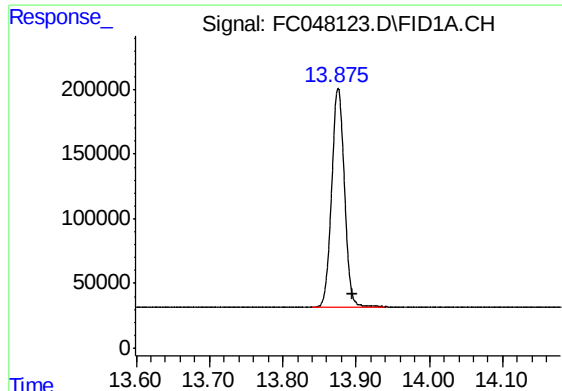
#11 n-Heneicosane (C21)

R.T.: 13.294 min
Delta R.T.: -0.019 min
Response: 2087363
Conc: 18.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.132 min
Delta R.T.: -0.018 min
Response: 1775793
Conc: 18.13 ug/ml



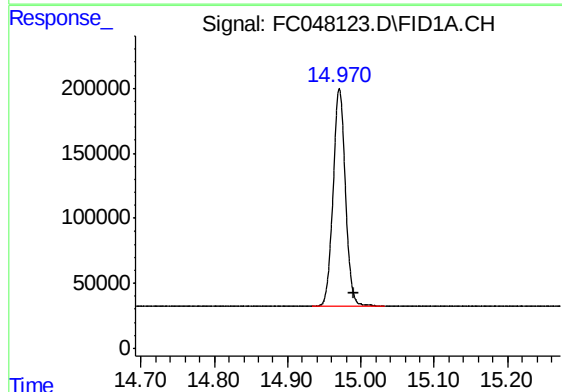
#13 n-Docosane (C22)

R.T.: 13.876 min
Delta R.T.: -0.019 min
Response: 2039112
Conc: 17.78 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

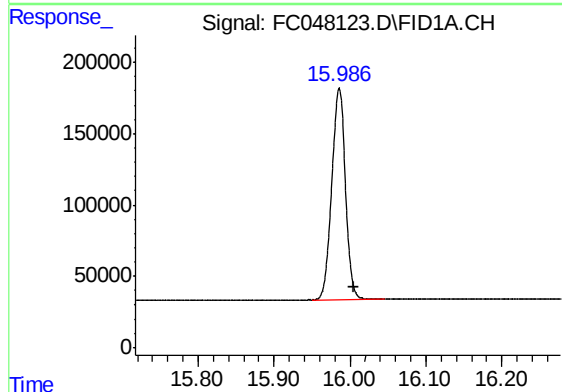
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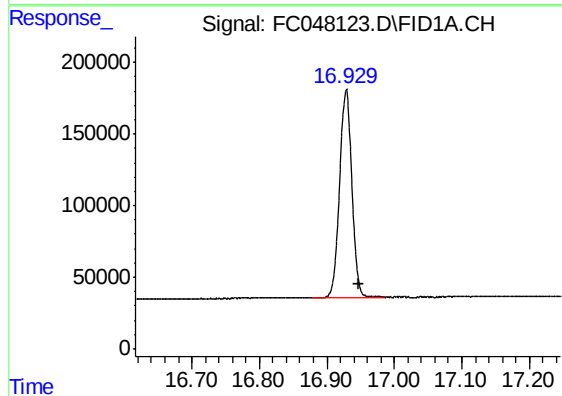
#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: -0.020 min
Response: 1951372
Conc: 16.98 ug/ml



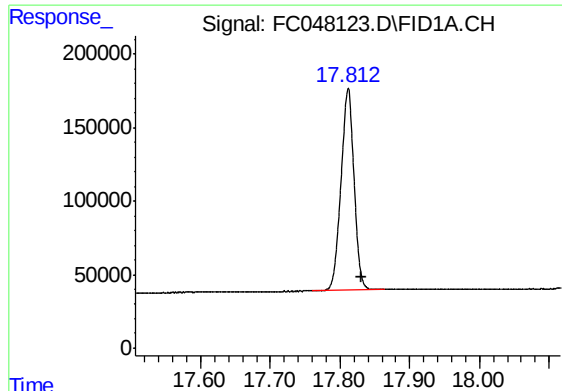
#15 n-Hexacosane (C26)

R.T.: 15.986 min
Delta R.T.: -0.018 min
Response: 1863004
Conc: 16.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.929 min
Delta R.T.: -0.019 min
Response: 1828803
Conc: 16.09 ug/ml



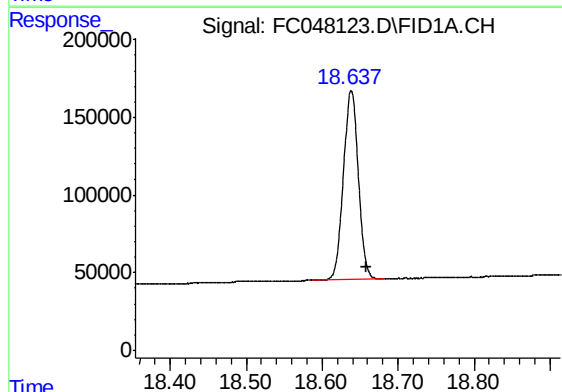
#17 n-Tricontane (C30)

R.T.: 17.812 min
Delta R.T.: -0.019 min
Response: 1787195
Conc: 16.31 ug/ml

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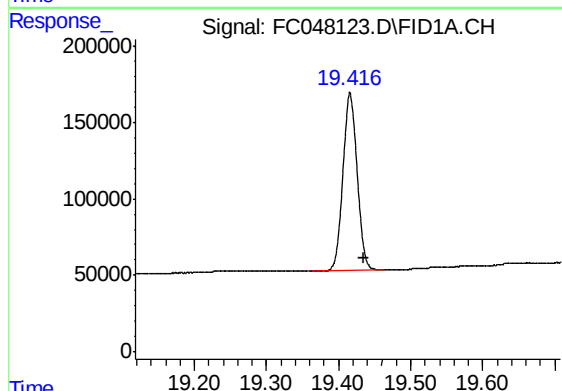
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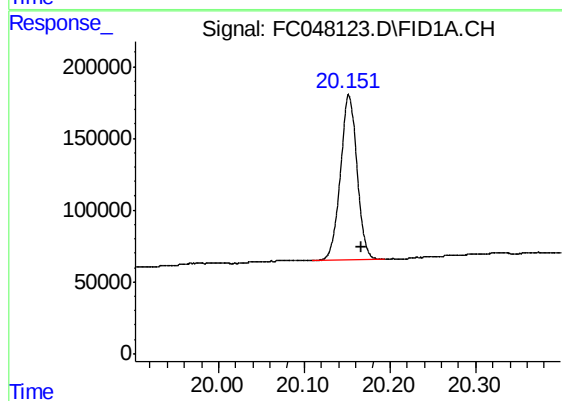
#18 n-Dotriacontane (C32)

R.T.: 18.638 min
Delta R.T.: -0.020 min
Response: 1655162
Conc: 16.70 ug/ml



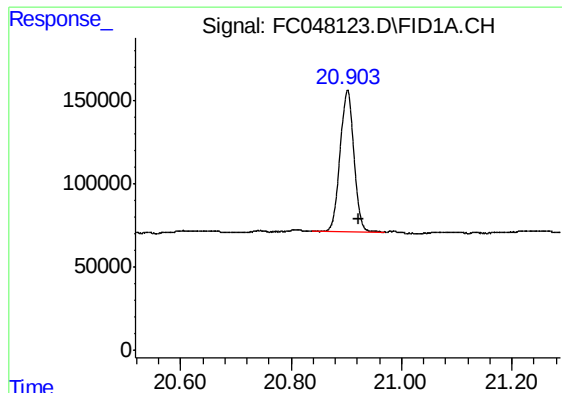
#19 n-Tetatriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.019 min
Response: 1590346
Conc: 17.36 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.151 min
Delta R.T.: -0.016 min
Response: 1548159
Conc: 18.05 ug/ml m



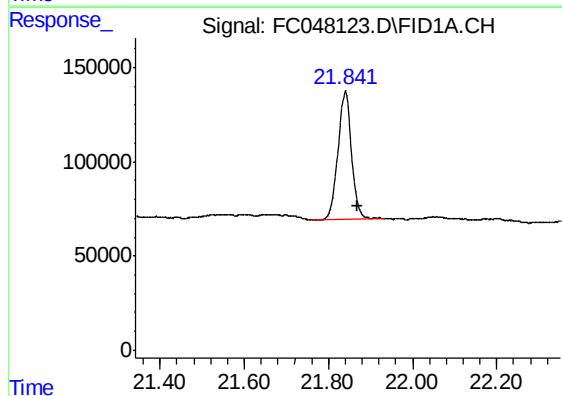
#21 n-Octatriacontane (C38)

R.T.: 20.903 min
Delta R.T.: -0.020 min
Response: 1480352
Conc: 18.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.841 min
Delta R.T.: -0.027 min
Response: 1502312
Conc: 19.00 ug/ml