

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031219AL\
 Data File : FC039777.D
 Signal(s) : FID1A.CH
 Acq On : 13 Mar 2019 1:27
 Operator : AJ\SJ
 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
 3/13/2019 1:57:13 PM

Integration File: autoint1.e
 Quant Time: Mar 13 04:02:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022219.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 25 18:21:16 2019
 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)	11.146	2971003	17.663 ug/ml
Spiked Amount 50.000		Recovery =	35.33%
12) S 1-chlorooctadecane (S...	12.591	2150176	17.046 ug/ml
Spiked Amount 50.000		Recovery =	34.09%
Target Compounds			
1) T n-Nonane (C9)	3.017	1862633	15.519 ug/mlm
2) T n-Decane (C10)	4.067	1954961	16.227 ug/ml
3) T A~Naphthalene (C11.7)	5.618	2246106	17.261 ug/ml
4) T n-Dodecane (C12)	6.064	2065628	16.719 ug/ml
5) T A~2-methylnaphthalene...	6.664	2235867	17.241 ug/ml
6) T n-Tetradecane (C14)	7.842	2120042	16.645 ug/ml
7) T n-Hexadecane (C16)	9.427	2130991	16.444 ug/ml
8) T n-Octadecane (C18)	10.856	2139927	15.908 ug/ml
10) T n-Eicosane (C20)	12.154	2172283	16.659 ug/ml
11) T n-Heneicosane (C21)	12.763	2175808	17.156 ug/ml
13) T n-Docosane (C22)	13.345	2180273	17.308 ug/ml
14) T n-Tetracosane (C24)	14.440	2216836	17.737 ug/ml
15) T n-Hexacosane (C26)	15.454	2198651	17.627 ug/ml
16) T n-Octacosane (C28)	16.398	2210714	16.540 ug/ml
17) T n-Tricontane (C30)	17.280	2180297	14.856 ug/ml
18) T n-Dotriacontane (C32)	18.106	2087930	15.543 ug/mlm
19) T n-Tetratriacontane (C34)	18.887	1788646	15.725 ug/mlm
20) T n-Hexatriacontane (C36)	19.623	1582568	16.409 ug/mlm
21) T n-Octatriacontane (C38)	20.321	1471102	16.022 ug/mlm
22) T n-Tetracontane (C40)	21.076	1440516	15.872 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
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ALS Vial : 2 Sample Multiplier: 1

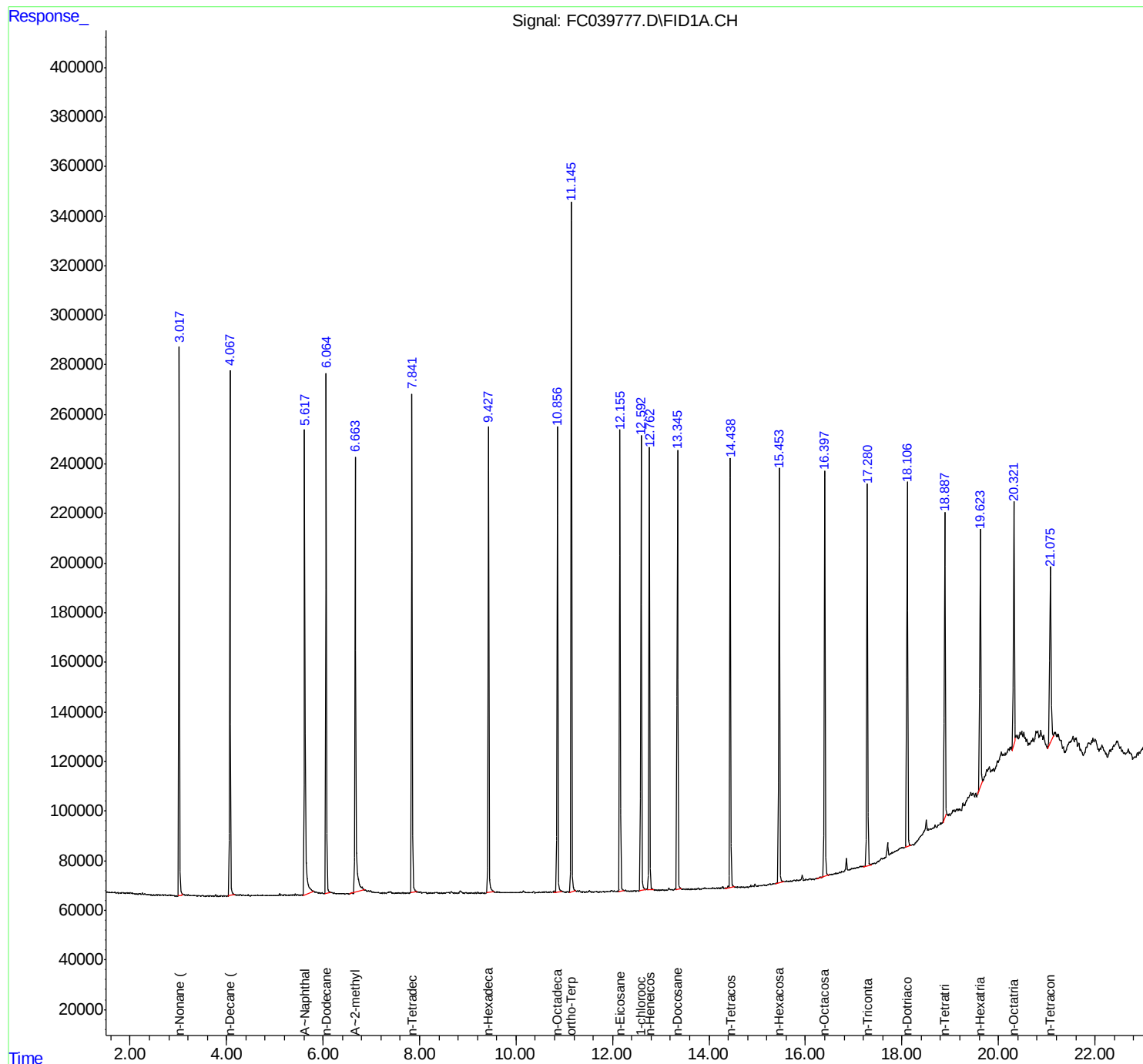
Instrument :
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20 PPM ALIPHATIC HC STD

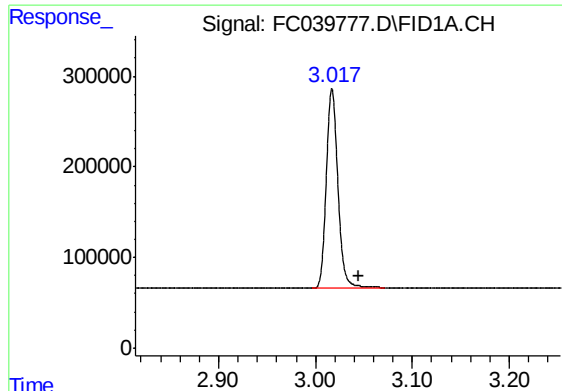
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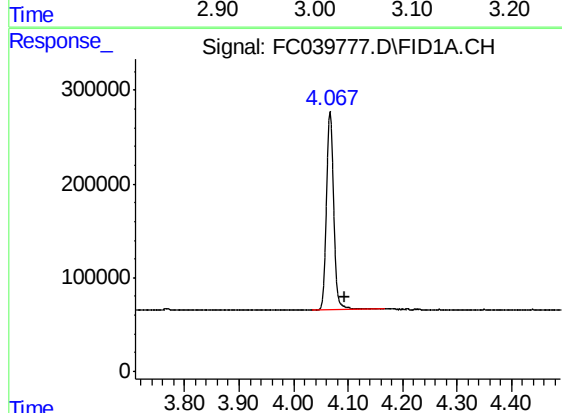
#1 n-Nonane (C9)

R.T.: 3.017 min
Delta R.T.: -0.028 min
Response: 1862633
Conc: 15.52 ug/ml m

Instrument :
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20 PPM ALIPHATIC HC STD

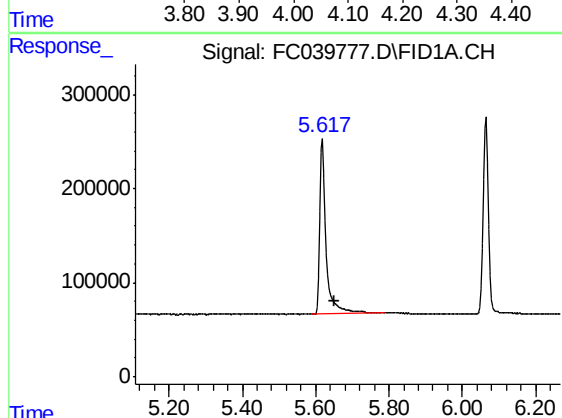
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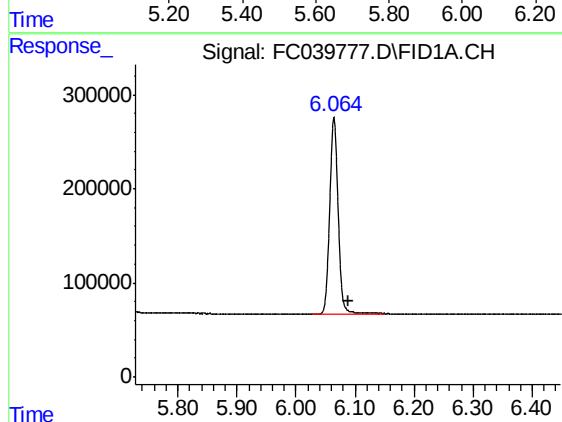
#2 n-Decane (C10)

R.T.: 4.067 min
Delta R.T.: -0.026 min
Response: 1954961
Conc: 16.23 ug/ml



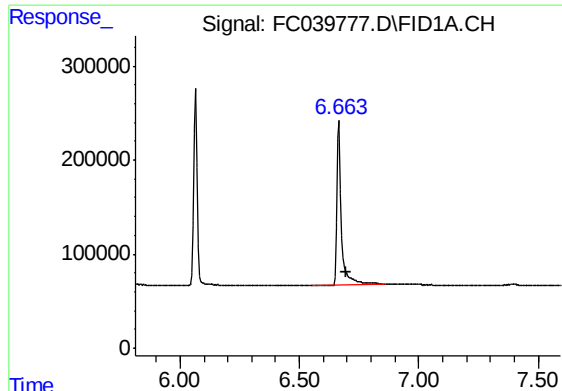
#3 A~Naphthalene (C11.7)

R.T.: 5.618 min
Delta R.T.: -0.033 min
Response: 2246106
Conc: 17.26 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.064 min
Delta R.T.: -0.026 min
Response: 2065628
Conc: 16.72 ug/ml



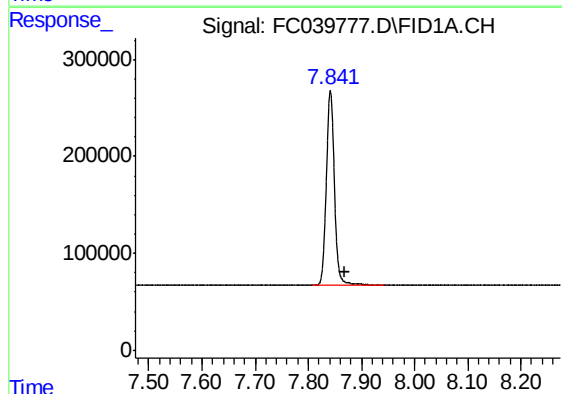
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.664 min
Delta R.T.: -0.034 min
Response: 2235867
Conc: 17.24 ug/ml

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20 PPM ALIPHATIC HC STD

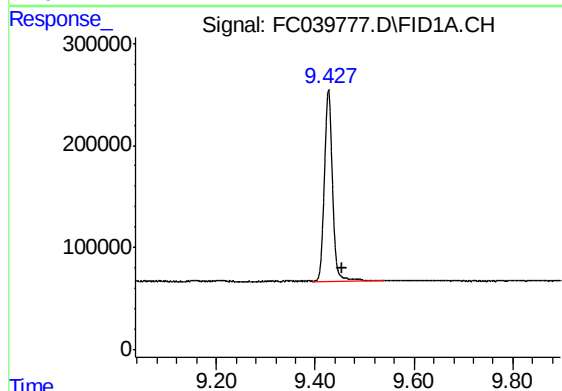
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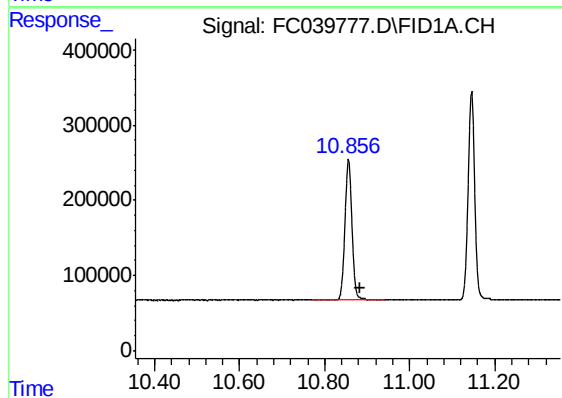
#6 n-Tetradecane (C14)

R.T.: 7.842 min
Delta R.T.: -0.026 min
Response: 2120042
Conc: 16.65 ug/ml



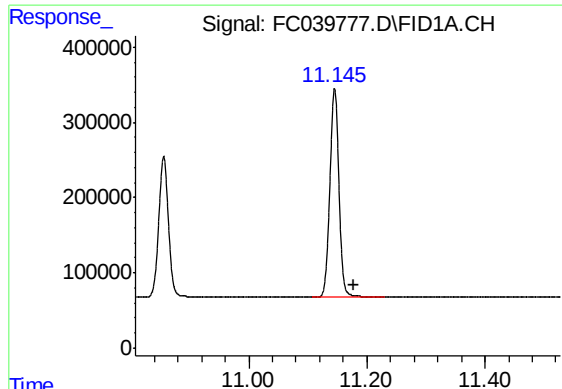
#7 n-Hexadecane (C16)

R.T.: 9.427 min
Delta R.T.: -0.028 min
Response: 2130991
Conc: 16.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.856 min
Delta R.T.: -0.028 min
Response: 2139927
Conc: 15.91 ug/ml



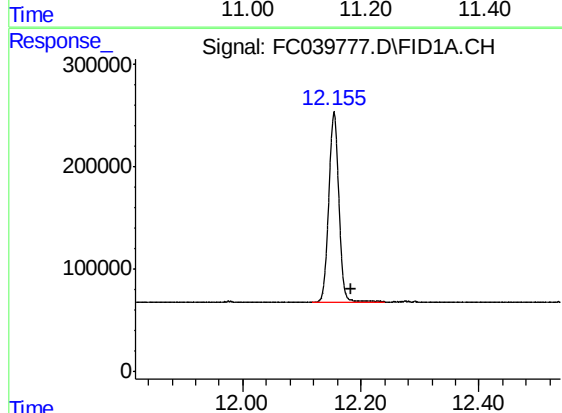
#9 ortho-Terphenyl (SURR)

R.T.: 11.146 min
Delta R.T.: -0.032 min
Response: 2971003
Conc: 17.66 ug/ml

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20 PPM ALIPHATIC HC STD

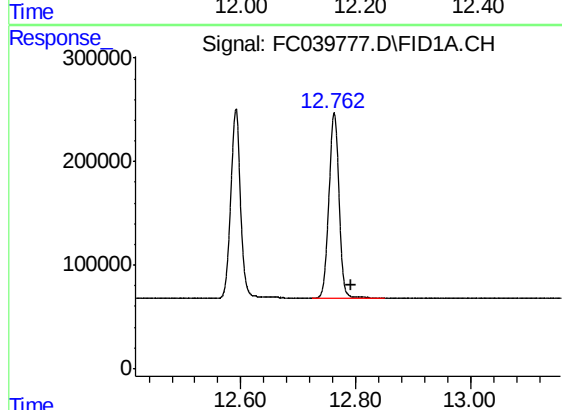
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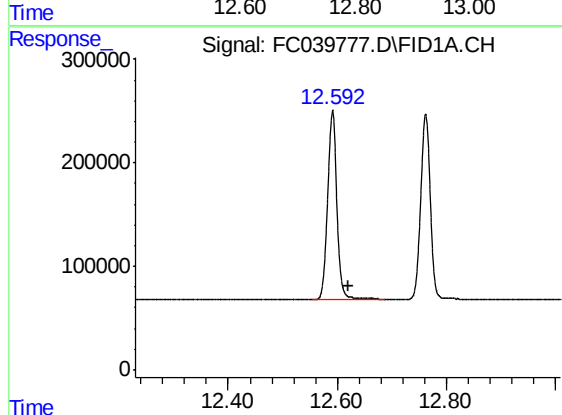
#10 n-Eicosane (C20)

R.T.: 12.154 min
Delta R.T.: -0.030 min
Response: 2172283
Conc: 16.66 ug/ml



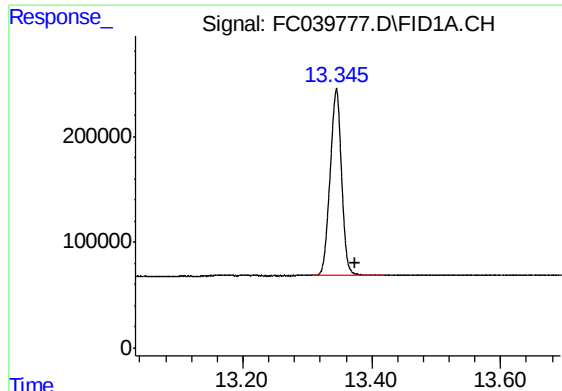
#11 n-Heneicosane (C21)

R.T.: 12.763 min
Delta R.T.: -0.029 min
Response: 2175808
Conc: 17.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.591 min
Delta R.T.: -0.030 min
Response: 2150176
Conc: 17.05 ug/ml



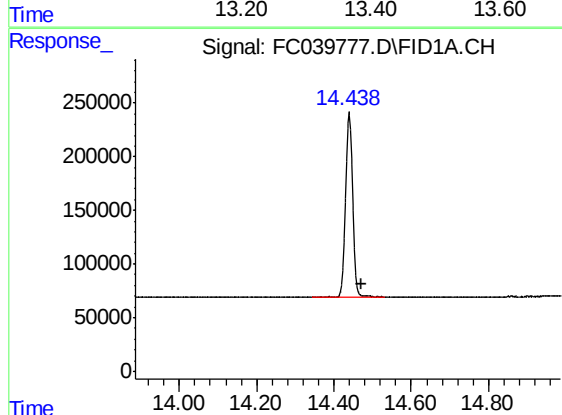
#13 n-Docosane (C22)

R.T.: 13.345 min
Delta R.T.: -0.029 min
Response: 2180273
Conc: 17.31 ug/ml

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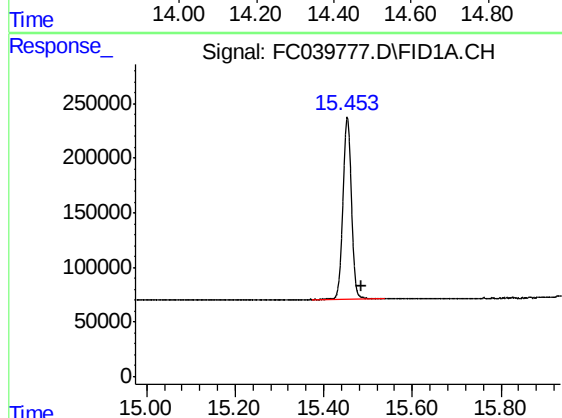
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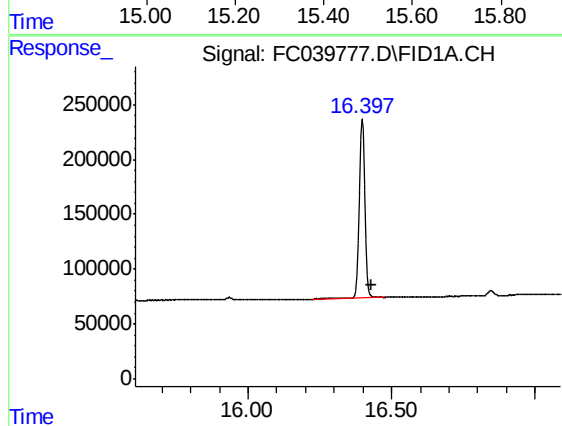
#14 n-Tetracosane (C24)

R.T.: 14.440 min
Delta R.T.: -0.030 min
Response: 2216836
Conc: 17.74 ug/ml



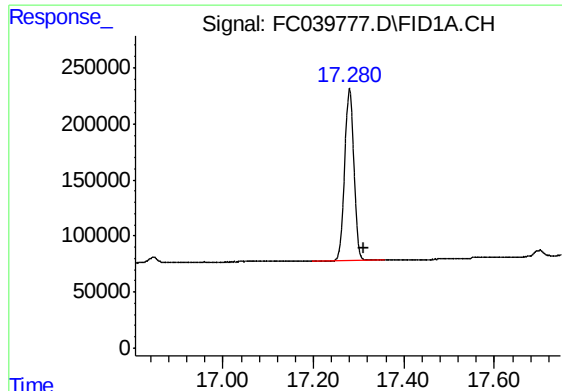
#15 n-Hexacosane (C26)

R.T.: 15.454 min
Delta R.T.: -0.031 min
Response: 2198651
Conc: 17.63 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.398 min
Delta R.T.: -0.031 min
Response: 2210714
Conc: 16.54 ug/ml



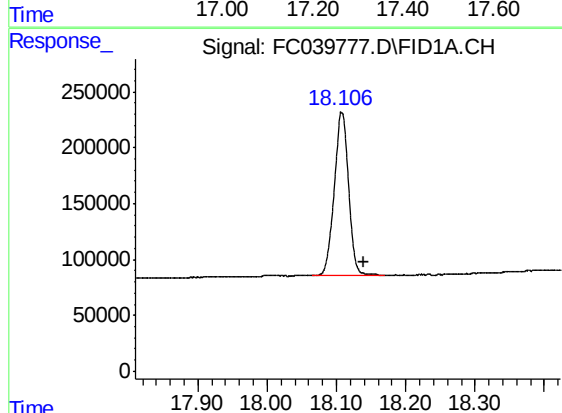
#17 n-Tricontane (C30)

R.T.: 17.280 min
Delta R.T.: -0.031 min
Response: 2180297
Conc: 14.86 ug/ml

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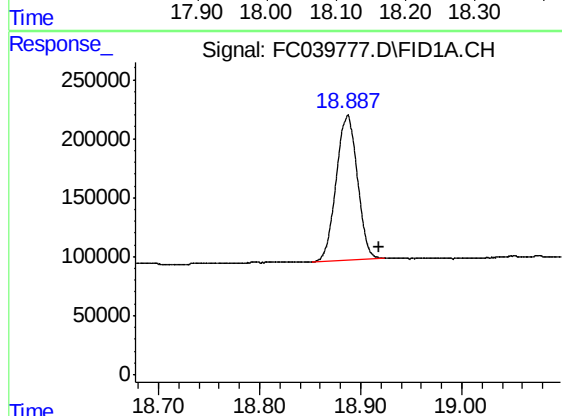
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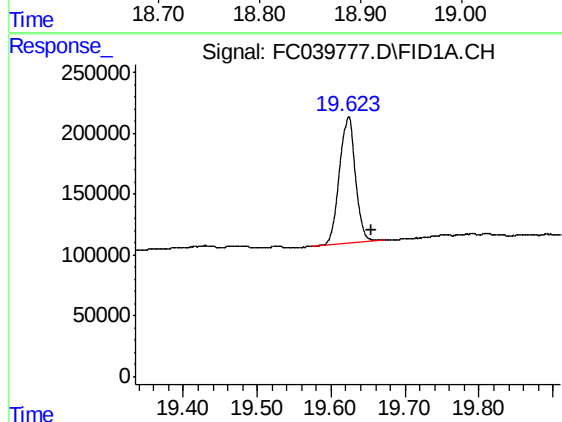
#18 n-Dotriacontane (C32)

R.T.: 18.106 min
Delta R.T.: -0.033 min
Response: 2087930
Conc: 15.54 ug/ml m



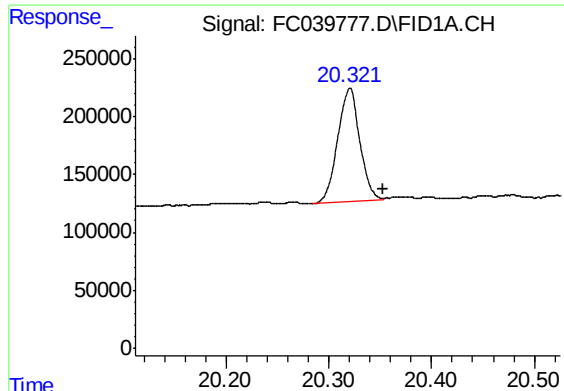
#19 n-Tetatriacontane (C34)

R.T.: 18.887 min
Delta R.T.: -0.031 min
Response: 1788646
Conc: 15.72 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.623 min
Delta R.T.: -0.032 min
Response: 1582568
Conc: 16.41 ug/ml m



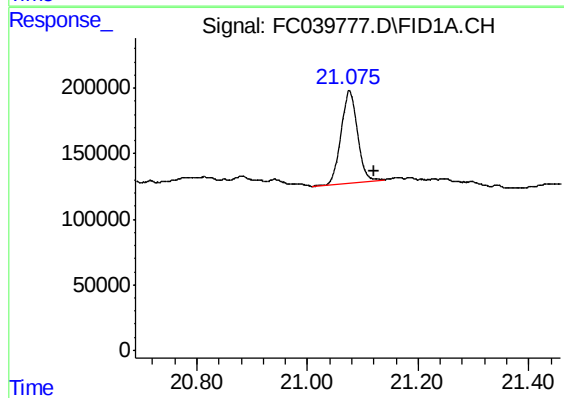
#21 n-Octatriacontane (C38)

R.T.: 20.321 min
Delta R.T.: -0.032 min
Response: 1471102
Conc: 16.02 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.076 min
Delta R.T.: -0.045 min
Response: 1440516
Conc: 15.87 ug/ml