

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030119AL\
 Data File : FC039534.D
 Signal(s) : FID1A.CH
 Acq On : 01 Mar 2019 22:19
 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
 3/5/2019 8:45:54 AM

Integration File: sample.E
 Quant Time: Mar 01 23:27:14 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)	11.164	3213312	19.104 ug/ml
Spiked Amount 50.000		Recovery =	38.21%
12) S 1-chlorooctadecane (S...	12.608	2340565	18.555 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
Target Compounds			
1) T n-Nonane (C9)	3.033	2355035	19.622 ug/ml
2) T n-Decane (C10)	4.081	2362849	19.613 ug/ml
3) T A-Naphthalene (C11.7)	5.632	2564202	19.706 ug/ml
4) T n-Dodecane (C12)	6.079	2366734	19.156 ug/ml
5) T A~2-methylnaphthalene...	6.678	2438822	18.806 ug/ml
6) T n-Tetradecane (C14)	7.856	2358772	18.520 ug/ml
7) T n-Hexadecane (C16)	9.443	2370817	18.295 ug/ml
8) T n-Octadecane (C18)	10.873	2371402	17.628 ug/ml
10) T n-Eicosane (C20)	12.172	2385972	18.298 ug/ml
11) T n-Heneicosane (C21)	12.779	2369124	18.681 ug/ml
13) T n-Docosane (C22)	13.361	2378401	18.881 ug/ml
14) T n-Tetracosane (C24)	14.456	2384045	19.074 ug/ml
15) T n-Hexacosane (C26)	15.470	2370091	19.001 ug/ml
16) T n-Octacosane (C28)	16.416	2439182	18.250 ug/ml
17) T n-Tricontane (C30)	17.298	2516997	17.151 ug/mlm
18) T n-Dotriacontane (C32)	18.127	2473948	18.416 ug/mlm
19) T n-Tetratriacontane (C34)	18.908	2139517	18.810 ug/mlm
20) T n-Hexatriacontane (C36)	19.642	1797594	18.638 ug/mlm
21) T n-Octatriacontane (C38)	20.339	1635234	17.810 ug/mlm
22) T n-Tetracontane (C40)	21.106	1587371	17.490 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

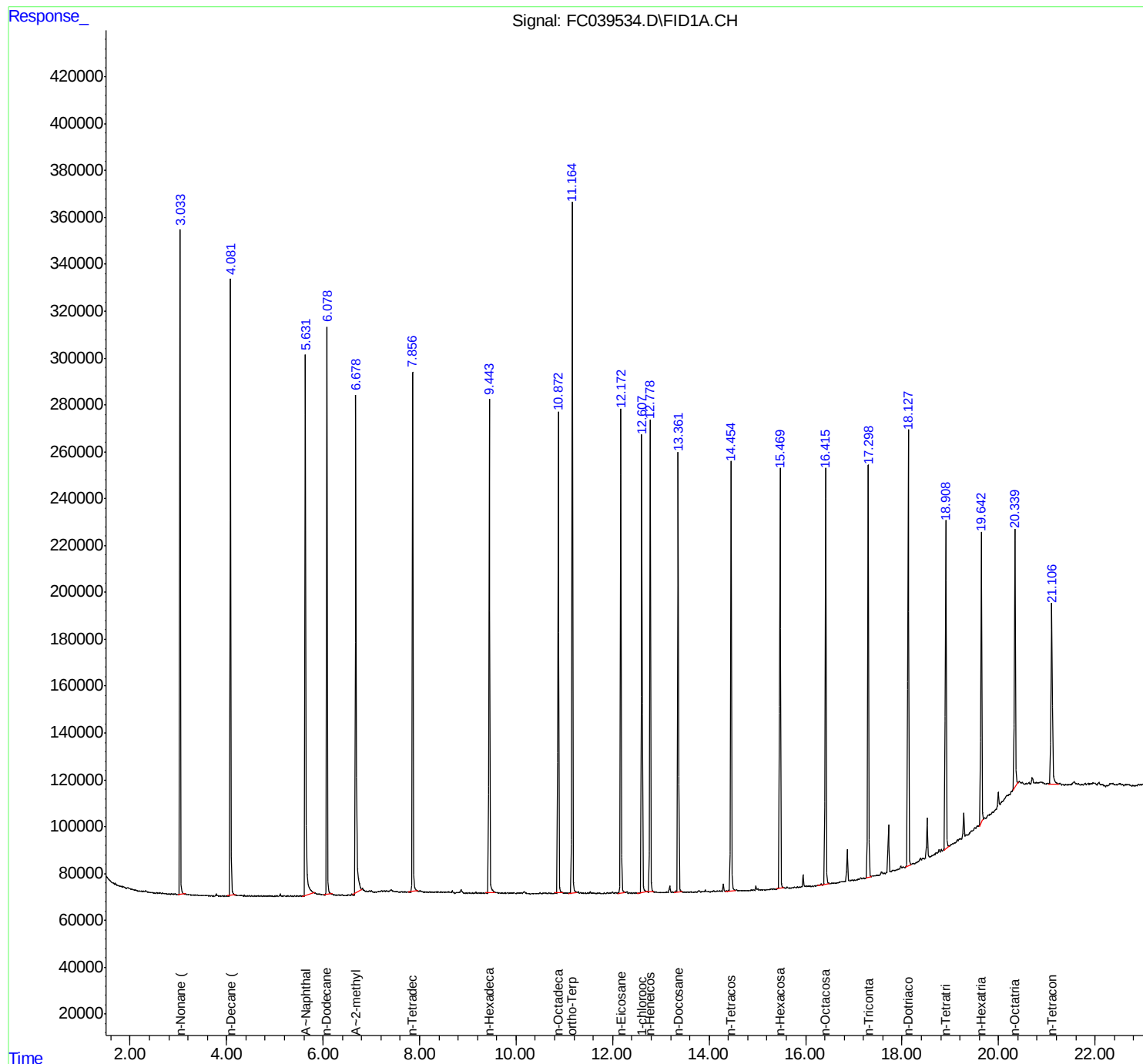
Instrument :
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20 PPM ALIPHATIC HC STD

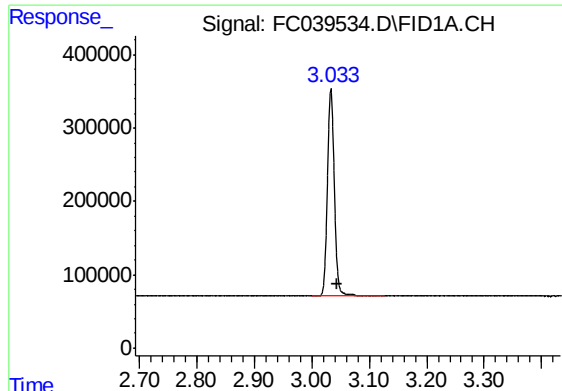
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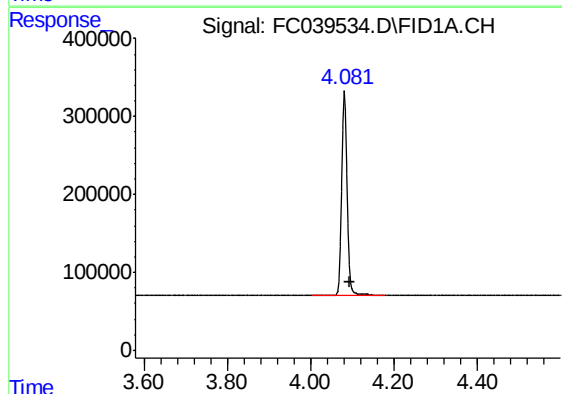
#1 n-Nonane (C9)

R.T.: 3.033 min
Delta R.T.: -0.012 min
Response: 2355035
Conc: 19.62 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

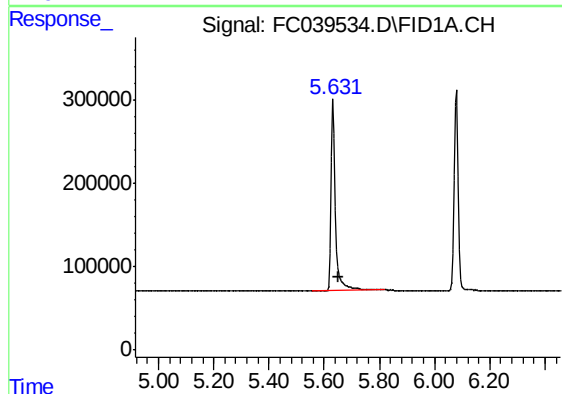
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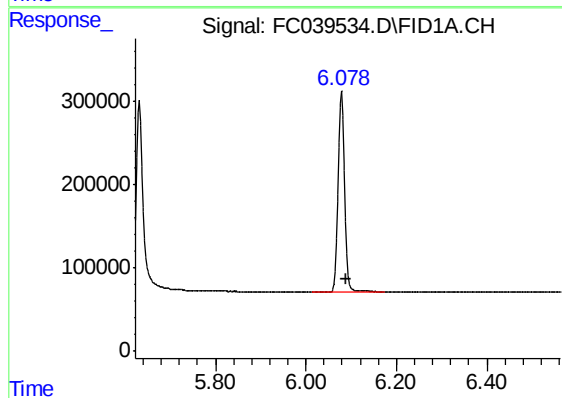
#2 n-Decane (C10)

R.T.: 4.081 min
Delta R.T.: -0.012 min
Response: 2362849
Conc: 19.61 ug/ml



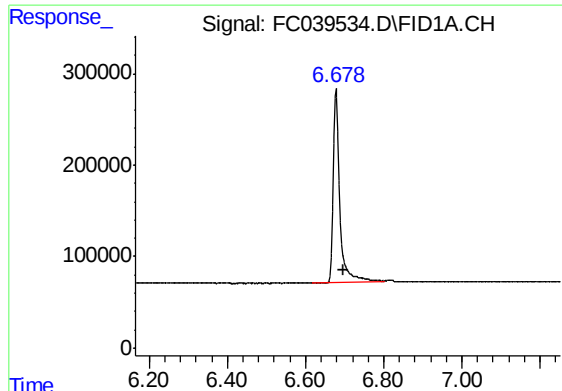
#3 A~Naphthalene (C11.7)

R.T.: 5.632 min
Delta R.T.: -0.019 min
Response: 2564202
Conc: 19.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.079 min
Delta R.T.: -0.011 min
Response: 2366734
Conc: 19.16 ug/ml



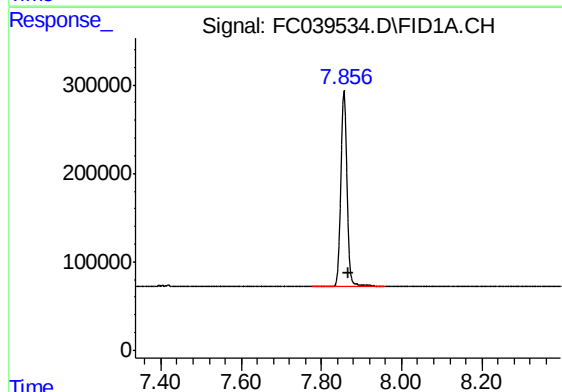
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.678 min
Delta R.T.: -0.019 min
Response: 2438822
Conc: 18.81 ug/ml

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20 PPM ALIPHATIC HC STD

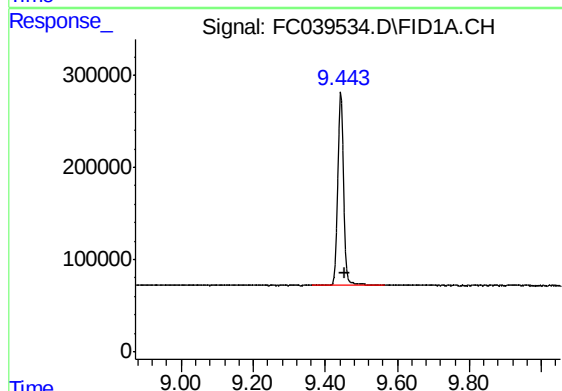
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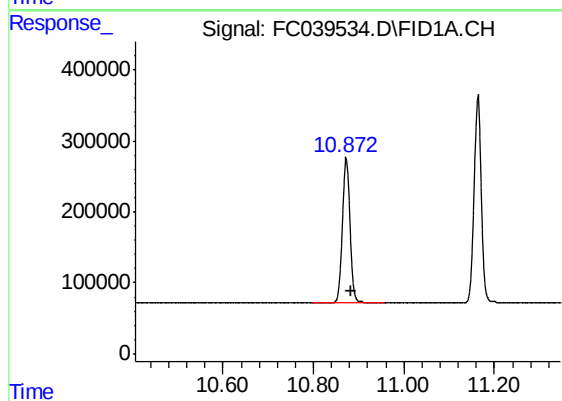
#6 n-Tetradecane (C14)

R.T.: 7.856 min
Delta R.T.: -0.012 min
Response: 2358772
Conc: 18.52 ug/ml



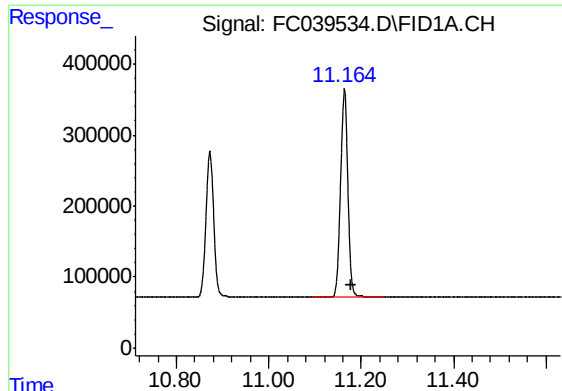
#7 n-Hexadecane (C16)

R.T.: 9.443 min
Delta R.T.: -0.012 min
Response: 2370817
Conc: 18.29 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.873 min
Delta R.T.: -0.012 min
Response: 2371402
Conc: 17.63 ug/ml



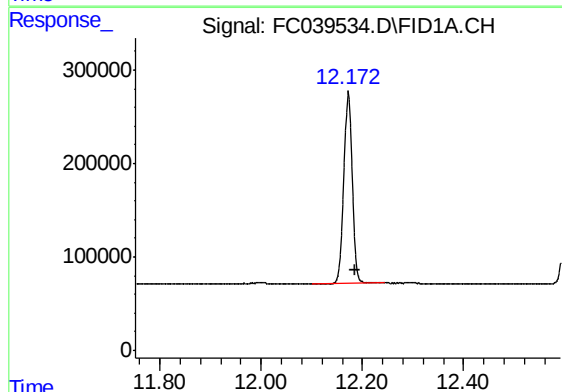
#9 ortho-Terphenyl (SURR)

R.T.: 11.164 min
Delta R.T.: -0.014 min
Response: 3213312
Conc: 19.10 ug/ml

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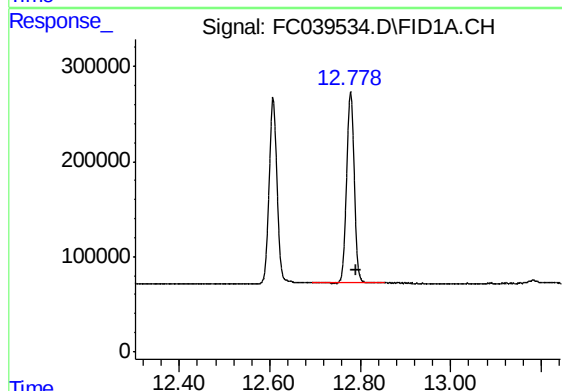
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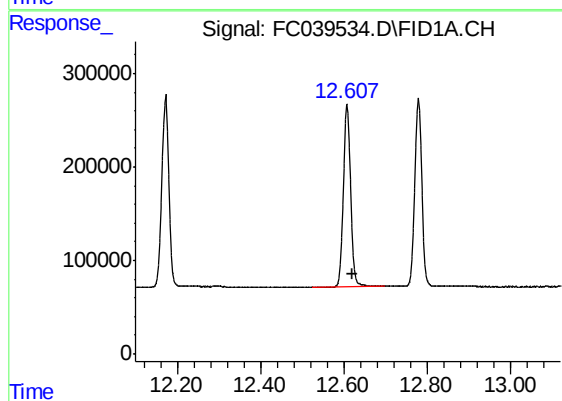
#10 n-Eicosane (C20)

R.T.: 12.172 min
Delta R.T.: -0.012 min
Response: 2385972
Conc: 18.30 ug/ml



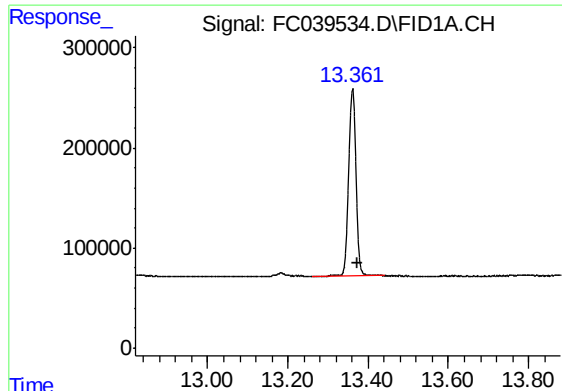
#11 n-Heneicosane (C21)

R.T.: 12.779 min
Delta R.T.: -0.012 min
Response: 2369124
Conc: 18.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.608 min
Delta R.T.: -0.014 min
Response: 2340565
Conc: 18.56 ug/ml



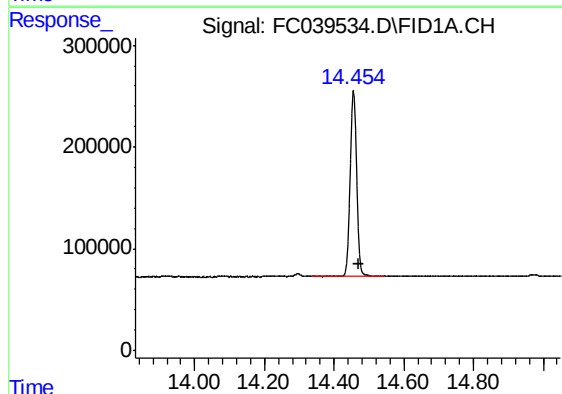
#13 n-Docosane (C22)

R.T.: 13.361 min
Delta R.T.: -0.013 min
Response: 2378401
Conc: 18.88 ug/ml

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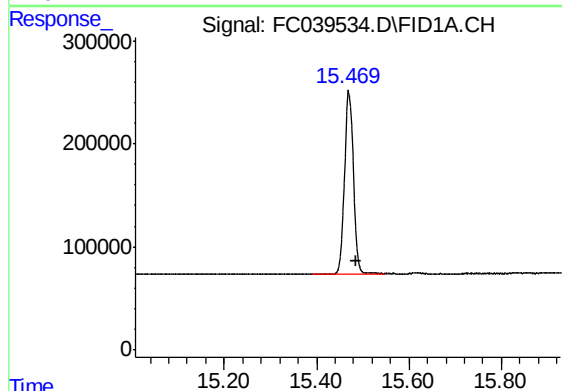
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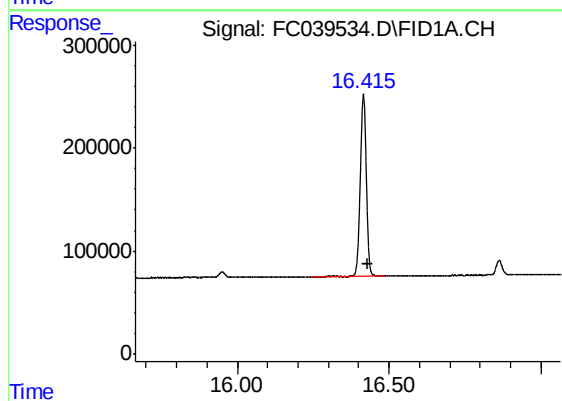
#14 n-Tetracosane (C24)

R.T.: 14.456 min
Delta R.T.: -0.014 min
Response: 2384045
Conc: 19.07 ug/ml



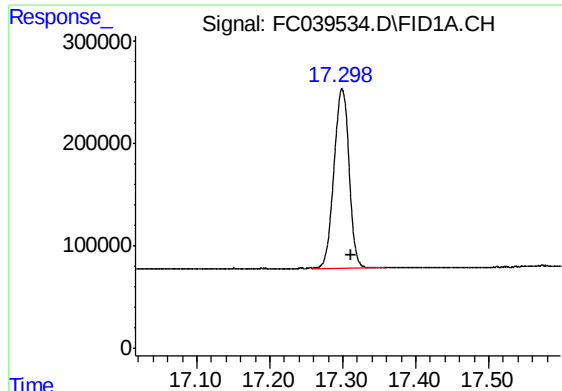
#15 n-Hexacosane (C26)

R.T.: 15.470 min
Delta R.T.: -0.015 min
Response: 2370091
Conc: 19.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.416 min
Delta R.T.: -0.013 min
Response: 2439182
Conc: 18.25 ug/ml



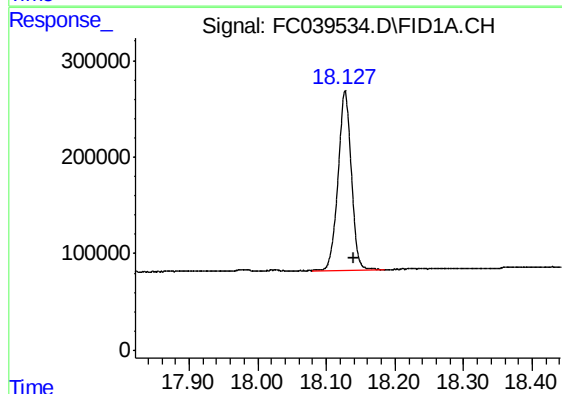
#17 n-Tricontane (C30)

R.T.: 17.298 min
Delta R.T.: -0.013 min
Response: 2516997
Conc: 17.15 ug/ml m

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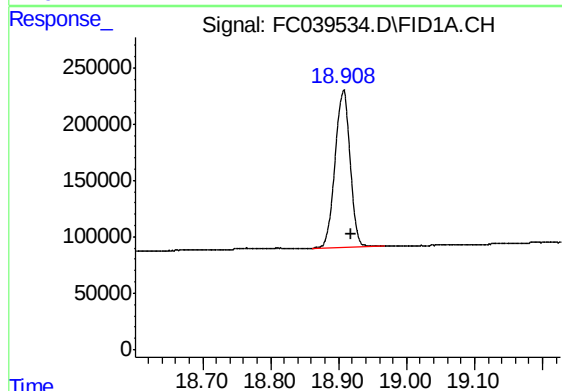
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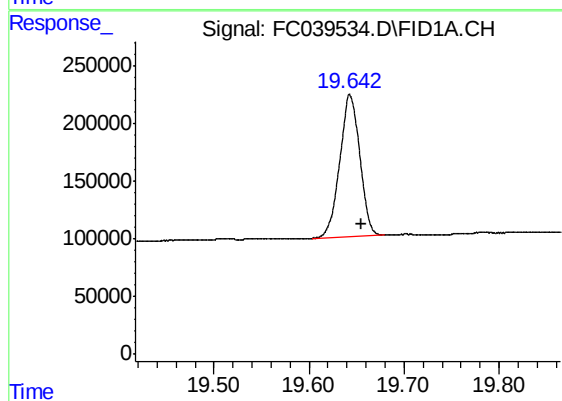
#18 n-Dotriacontane (C32)

R.T.: 18.127 min
Delta R.T.: -0.012 min
Response: 2473948
Conc: 18.42 ug/ml m



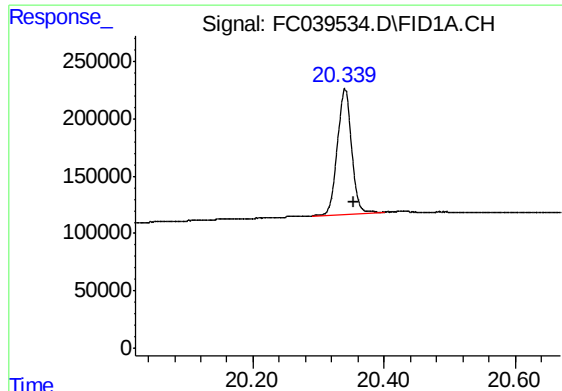
#19 n-Tetatriacontane (C34)

R.T.: 18.908 min
Delta R.T.: -0.011 min
Response: 2139517
Conc: 18.81 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.642 min
Delta R.T.: -0.013 min
Response: 1797594
Conc: 18.64 ug/ml m



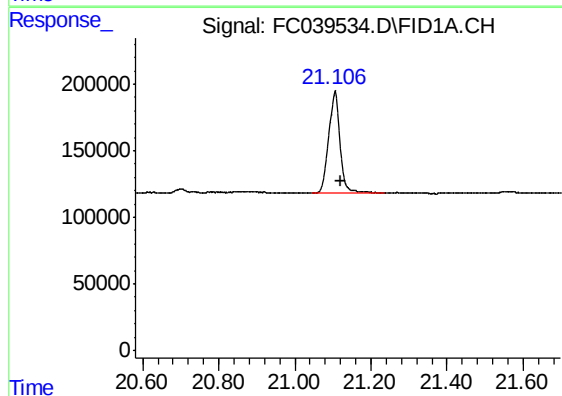
#21 n-Octatriacontane (C38)

R.T.: 20.339 min
Delta R.T.: -0.014 min
Response: 1635234
Conc: 17.81 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.106 min
Delta R.T.: -0.015 min
Response: 1587371
Conc: 17.49 ug/ml m