

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC020819AL\
 Data File : FC039051.D
 Signal(s) : FID1A.CH
 Acq On : 08 Feb 2019 22:52
 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
 2/11/2019 1:25:52 PM

Integration File: autoint1.e
 Quant Time: Feb 09 00:03:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 020619.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 07 03:09:34 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)	11.225	3018851	19.309 ug/ml
Spiked Amount 50.000		Recovery =	38.62%
12) S 1-chlorooctadecane (S...	12.667	2273777	19.284 ug/mlm
Spiked Amount 50.000		Recovery =	38.57%
Target Compounds			
1) T n-Nonane (C9)	3.080	2092736	20.163 ug/ml
2) T n-Decane (C10)	4.132	2099811	20.371 ug/ml
3) T A~Naphthalene (C11.7)	5.689	2288606	20.395 ug/ml
4) T n-Dodecane (C12)	6.132	2187197	20.701 ug/ml
5) T A~2-methylnaphthalene...	6.738	2325514	20.913 ug/ml
6) T n-Tetradecane (C14)	7.912	2254878	20.707 ug/ml
7) T n-Hexadecane (C16)	9.500	2291886	20.376 ug/ml
8) T n-Octadecane (C18)	10.931	2292394	19.580 ug/ml
10) T n-Eicosane (C20)	12.230	2290180	19.231 ug/ml
11) T n-Heneicosane (C21)	12.838	2252585	19.140 ug/ml
13) T n-Docosane (C22)	13.421	2223384	18.863 ug/ml
14) T n-Tetracosane (C24)	14.516	2186846	18.544 ug/ml
15) T n-Hexacosane (C26)	15.532	2152027	18.509 ug/ml
16) T n-Octacosane (C28)	16.477	2144450	18.400 ug/ml
17) T n-Tricontane (C30)	17.358	2123961	18.300 ug/ml
18) T n-Dotriacontane (C32)	18.186	2095264	19.266 ug/ml
19) T n-Tetratriacontane (C34)	18.967	1820999	19.662 ug/ml
20) T n-Hexatriacontane (C36)	19.703	1623289	20.437 ug/mlm
21) T n-Octatriacontane (C38)	20.400	1500364	20.429 ug/ml
22) T n-Tetracontane (C40)	21.183	1488790	19.953 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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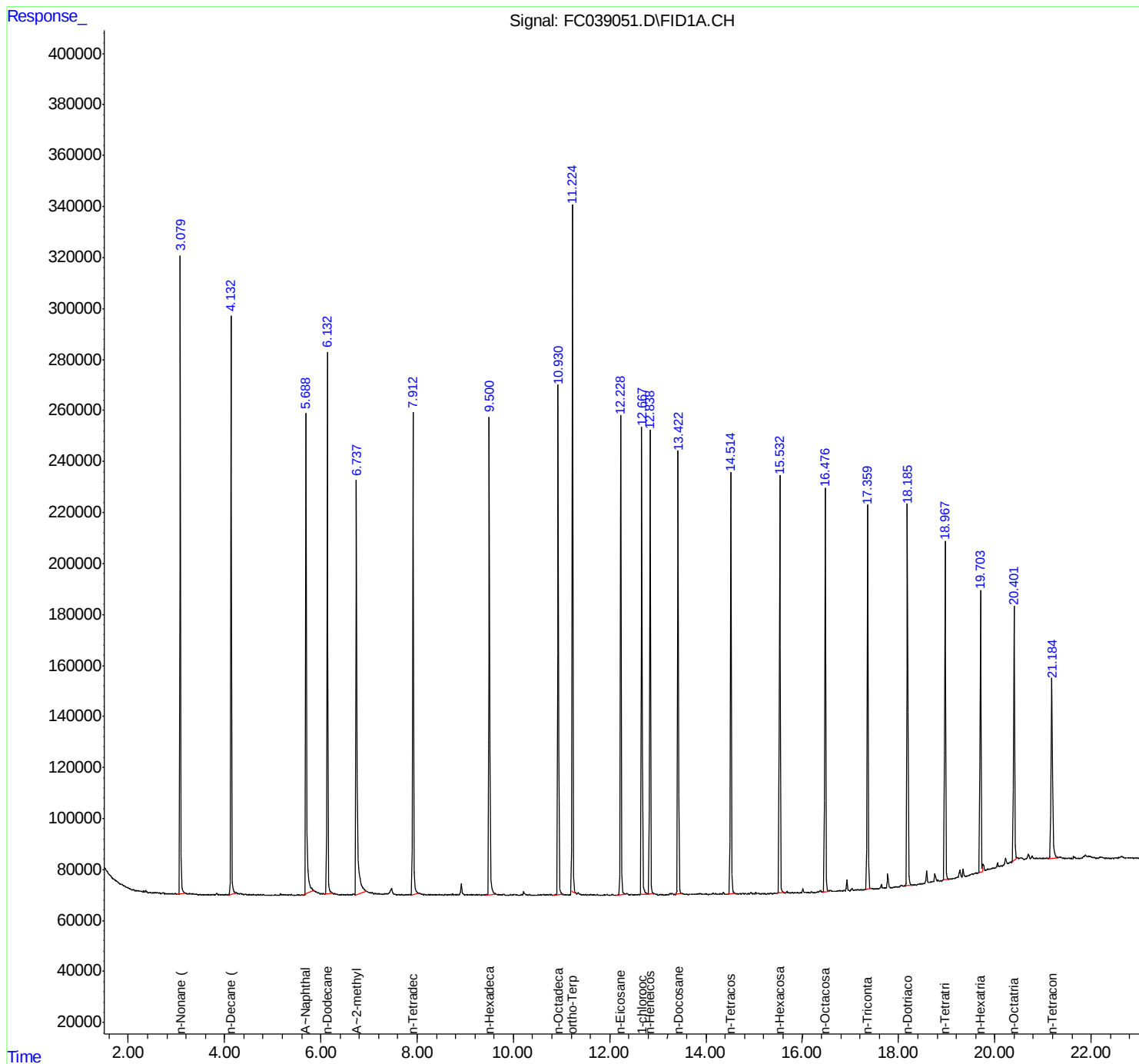
Instrument :
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20 PPM ALIPHATIC HC STD

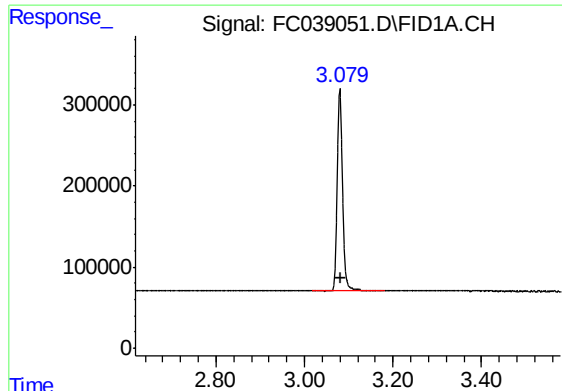
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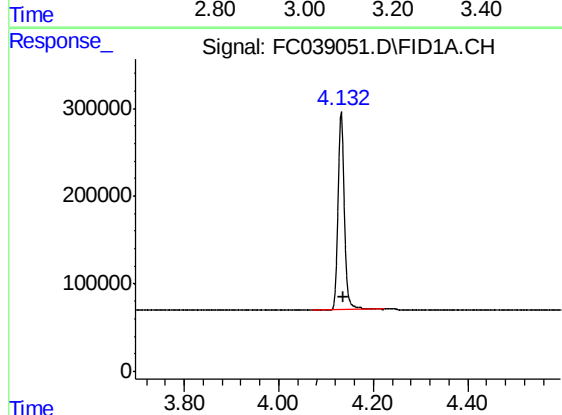
#1 n-Nonane (C9)

R.T.: 3.080 min
Delta R.T.: -0.003 min
Response: 2092736
Conc: 20.16 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

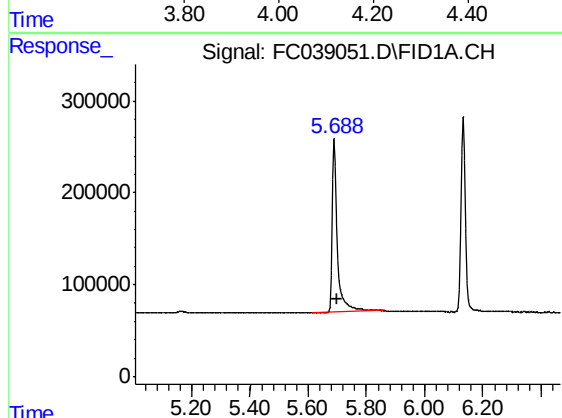
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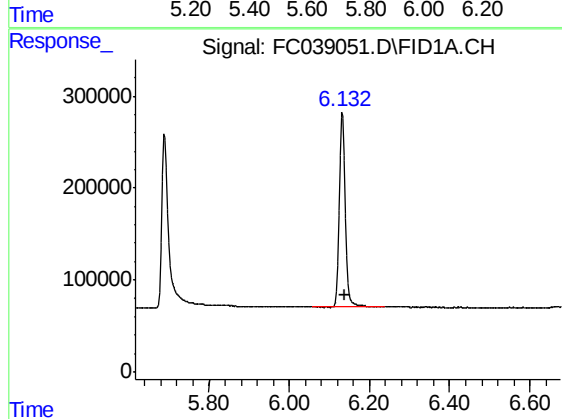
#2 n-Decane (C10)

R.T.: 4.132 min
Delta R.T.: -0.004 min
Response: 2099811
Conc: 20.37 ug/ml



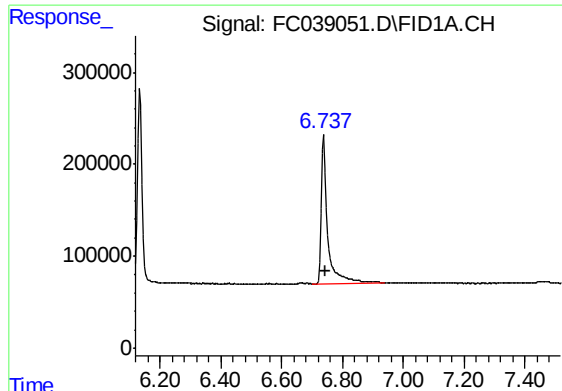
#3 A-Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.010 min
Response: 2288606
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.132 min
Delta R.T.: -0.005 min
Response: 2187197
Conc: 20.70 ug/ml



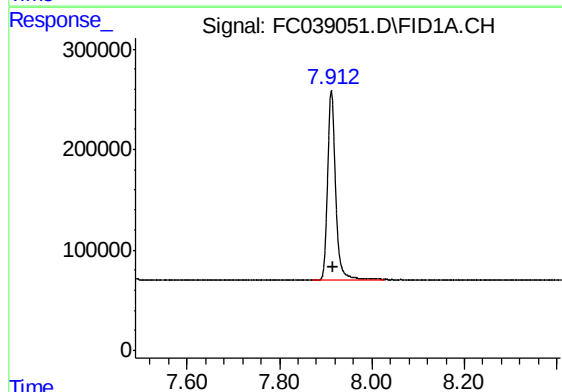
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: -0.008 min
Response: 2325514
Conc: 20.91 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

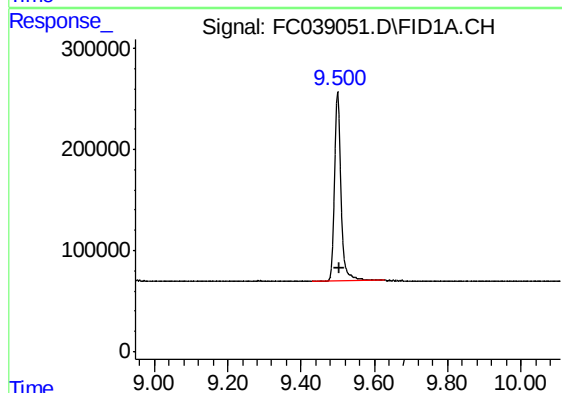
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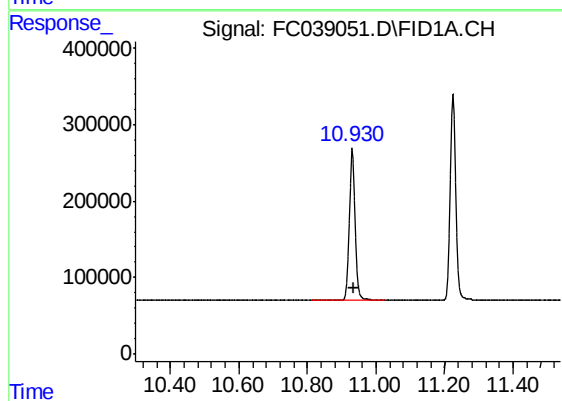
#6 n-Tetradecane (C14)

R.T.: 7.912 min
Delta R.T.: -0.005 min
Response: 2254878
Conc: 20.71 ug/ml



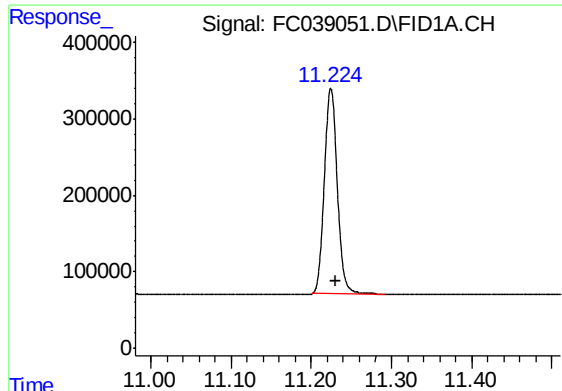
#7 n-Hexadecane (C16)

R.T.: 9.500 min
Delta R.T.: -0.005 min
Response: 2291886
Conc: 20.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.931 min
Delta R.T.: -0.005 min
Response: 2292394
Conc: 19.58 ug/ml



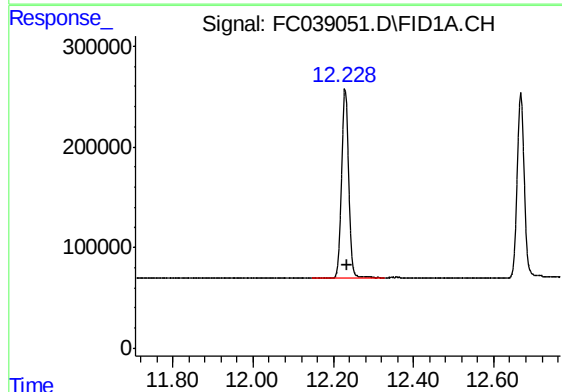
#9 ortho-Terphenyl (SURR)

R.T.: 11.225 min
Delta R.T.: -0.006 min
Response: 3018851
Conc: 19.31 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

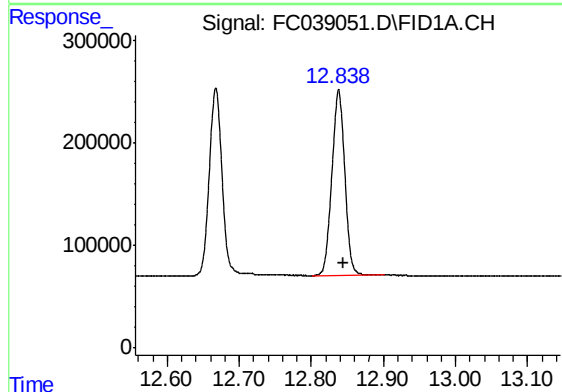
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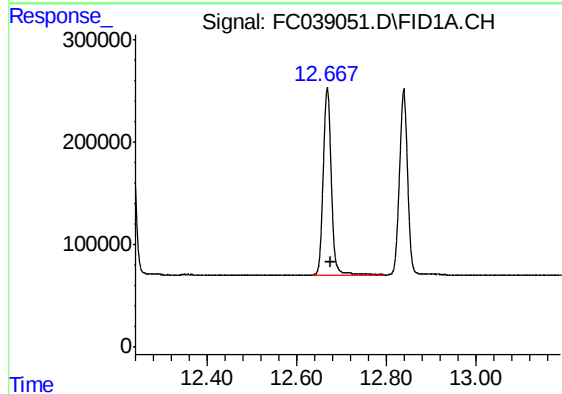
#10 n-Eicosane (C20)

R.T.: 12.230 min
Delta R.T.: -0.006 min
Response: 2290180
Conc: 19.23 ug/ml



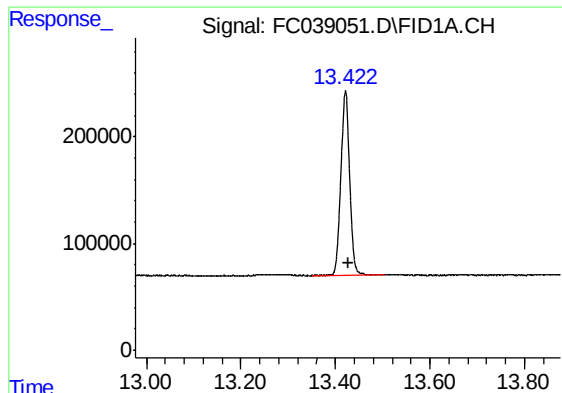
#11 n-Heneicosane (C21)

R.T.: 12.838 min
Delta R.T.: -0.006 min
Response: 2252585
Conc: 19.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.667 min
Delta R.T.: -0.007 min
Response: 2273777
Conc: 19.28 ug/ml m



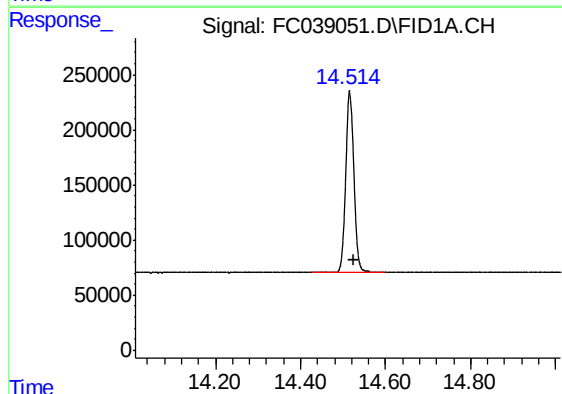
#13 n-Docosane (C22)

R.T.: 13.421 min
Delta R.T.: -0.006 min
Response: 2223384
Conc: 18.86 ug/ml

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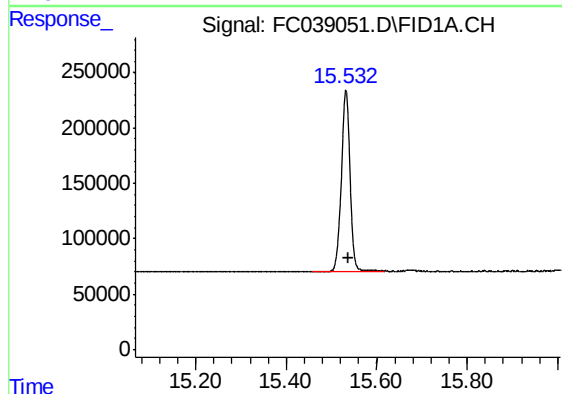
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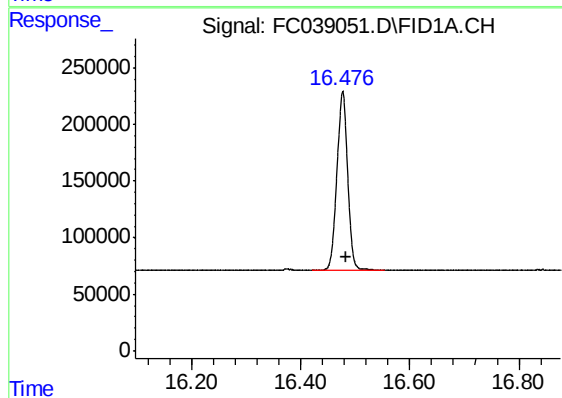
#14 n-Tetracosane (C24)

R.T.: 14.516 min
Delta R.T.: -0.008 min
Response: 2186846
Conc: 18.54 ug/ml



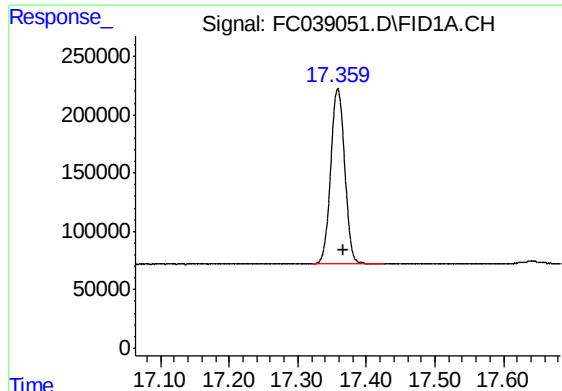
#15 n-Hexacosane (C26)

R.T.: 15.532 min
Delta R.T.: -0.007 min
Response: 2152027
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.477 min
Delta R.T.: -0.006 min
Response: 2144450
Conc: 18.40 ug/ml



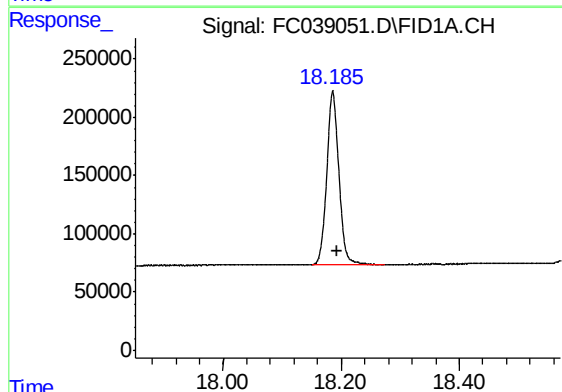
#17 n-Tricontane (C30)

R.T.: 17.358 min
Delta R.T.: -0.008 min
Response: 2123961
Conc: 18.30 ug/ml

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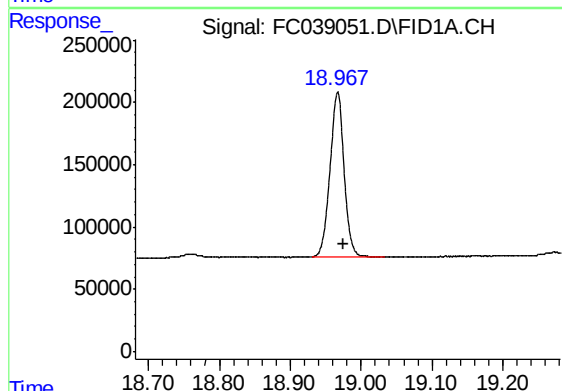
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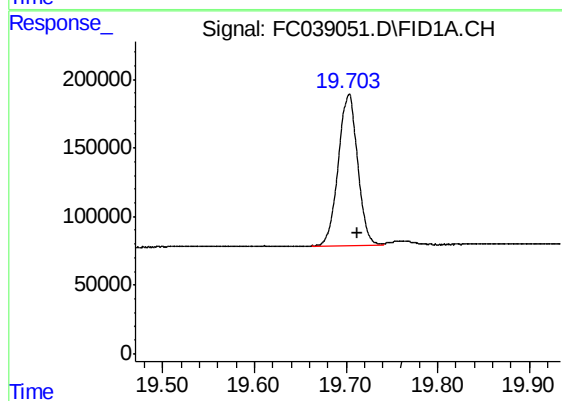
#18 n-Dotriacontane (C32)

R.T.: 18.186 min
Delta R.T.: -0.008 min
Response: 2095264
Conc: 19.27 ug/ml



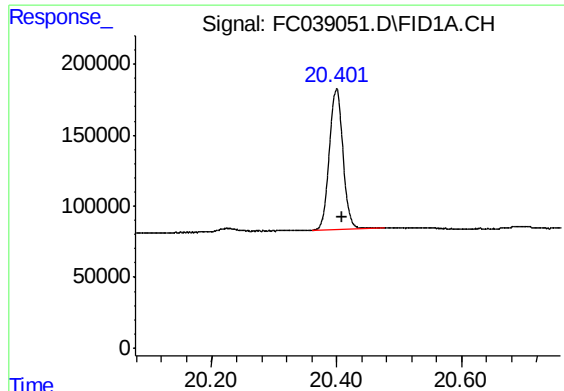
#19 n-Tetatriacontane (C34)

R.T.: 18.967 min
Delta R.T.: -0.008 min
Response: 1820999
Conc: 19.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.703 min
Delta R.T.: -0.009 min
Response: 1623289
Conc: 20.44 ug/ml m



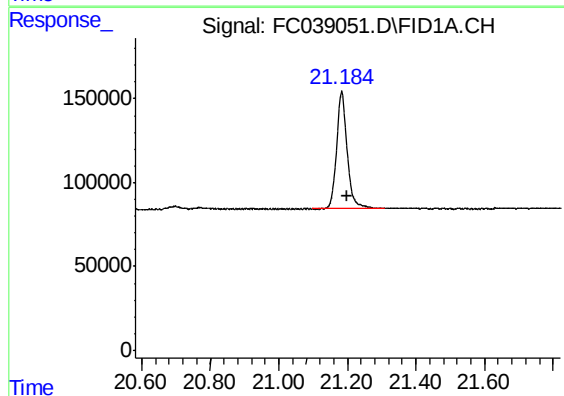
#21 n-Octatriacontane (C38)

R.T.: 20.400 min
Delta R.T.: -0.009 min
Response: 1500364
Conc: 20.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.183 min
Delta R.T.: -0.015 min
Response: 1488790
Conc: 19.95 ug/ml