

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030519AL\
 Data File : FC039627.D
 Signal(s) : FID1A.CH
 Acq On : 06 Mar 2019 1:39
 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
 3/7/2019 4:37:31 PM

Integration File: autoint1.e
 Quant Time: Mar 06 02:19:27 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)	11.157	3025968	17.990 ug/ml
Spiked Amount 50.000		Recovery =	35.98%
12) S 1-chlorooctadecane (S...	12.601	2187043	17.338 ug/ml
Spiked Amount 50.000		Recovery =	34.68%
Target Compounds			
1) T n-Nonane (C9)	3.026	2008596	16.735 ug/ml
2) T n-Decane (C10)	4.076	2073998	17.216 ug/ml
3) T A~Naphthalene (C11.7)	5.627	2345829	18.027 ug/ml
4) T n-Dodecane (C12)	6.074	2175445	17.608 ug/ml
5) T A~2-methylnaphthalene...	6.674	2242426	17.291 ug/ml
6) T n-Tetradecane (C14)	7.851	2203668	17.302 ug/ml
7) T n-Hexadecane (C16)	9.437	2201376	16.987 ug/ml
8) T n-Octadecane (C18)	10.867	2185071	16.243 ug/ml
10) T n-Eicosane (C20)	12.165	2200776	16.877 ug/ml
11) T n-Heneicosane (C21)	12.772	2269546	17.896 ug/ml
13) T n-Docosane (C22)	13.356	2201087	17.474 ug/ml
14) T n-Tetracosane (C24)	14.449	2213905	17.713 ug/mlm
15) T n-Hexacosane (C26)	15.466	2233517	17.906 ug/ml
16) T n-Octacosane (C28)	16.409	2268364	16.972 ug/ml
17) T n-Tricontane (C30)	17.294	2232851	15.215 ug/ml
18) T n-Dotriacontane (C32)	18.122	2153911	16.034 ug/mlm
19) T n-Tetratriacontane (C34)	18.900	1866797	16.412 ug/mlm
20) T n-Hexatriacontane (C36)	19.637	1633109	16.933 ug/mlm
21) T n-Octatriacontane (C38)	20.333	1511804	16.466 ug/mlm
22) T n-Tetracontane (C40)	21.098	1497281	16.497 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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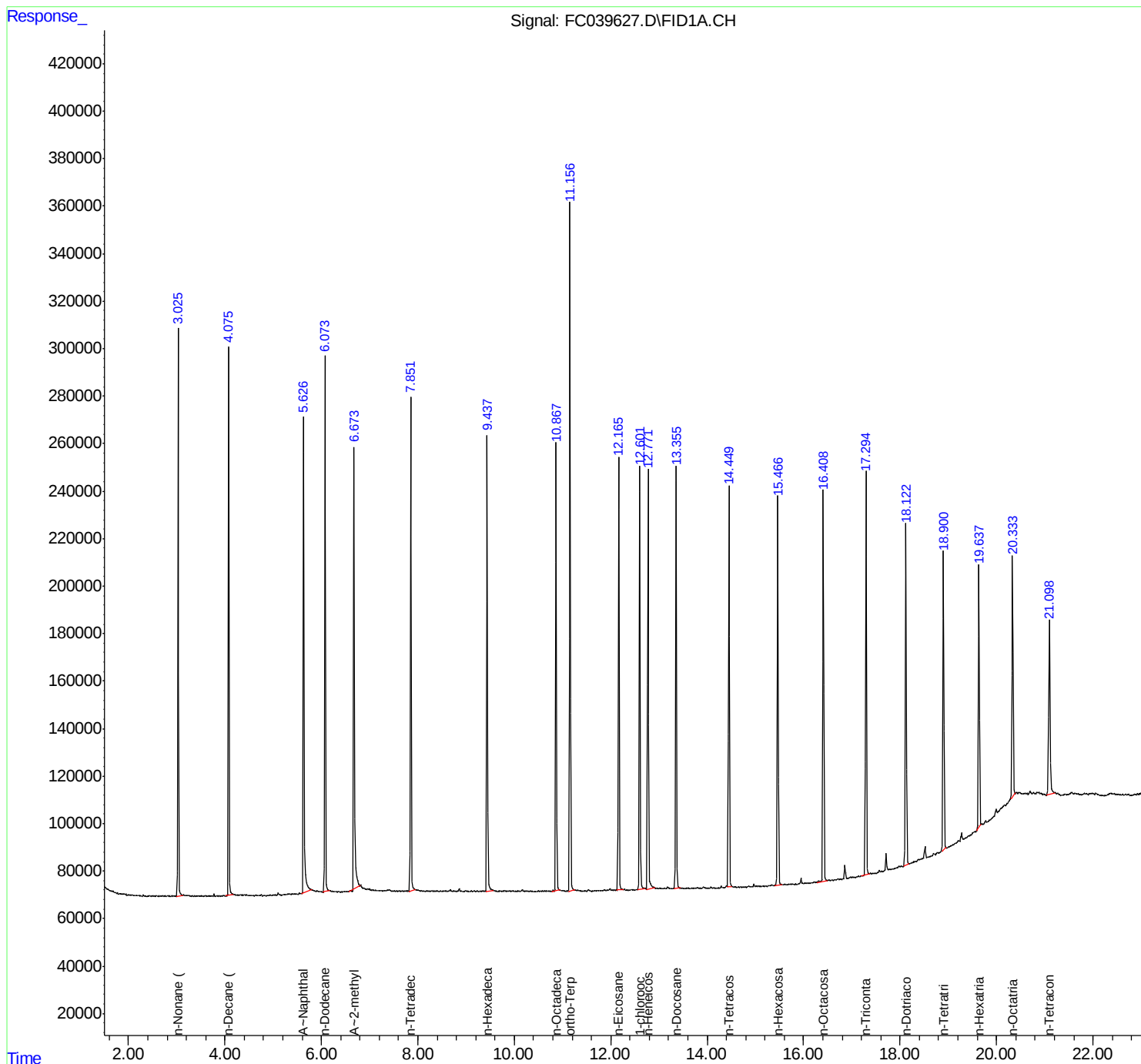
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

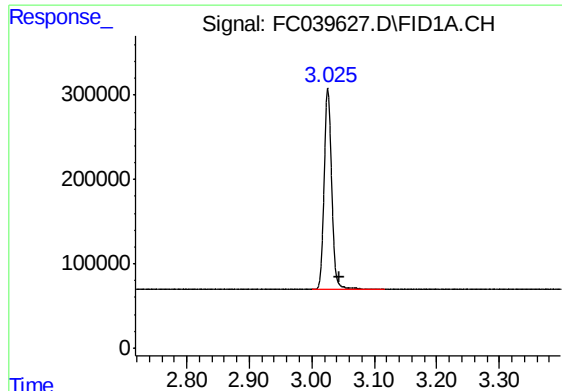
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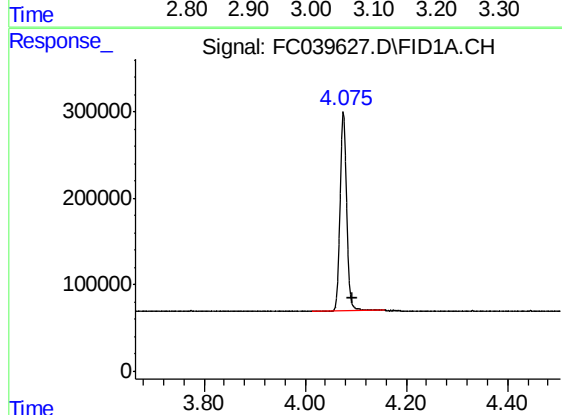
#1 n-Nonane (C9)

R.T.: 3.026 min
Delta R.T.: -0.019 min
Response: 2008596
Conc: 16.74 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

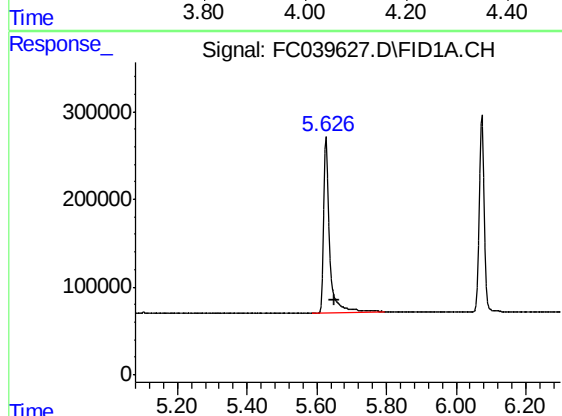
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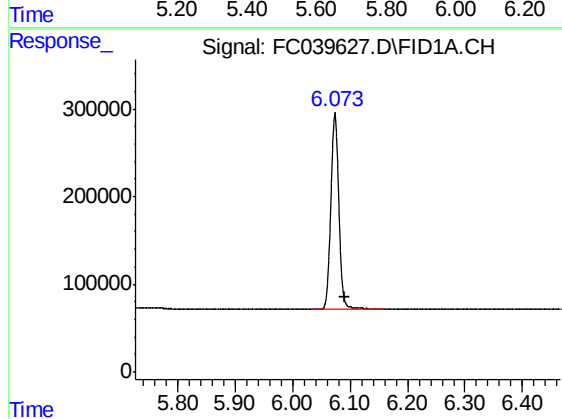
#2 n-Decane (C10)

R.T.: 4.076 min
Delta R.T.: -0.017 min
Response: 2073998
Conc: 17.22 ug/ml



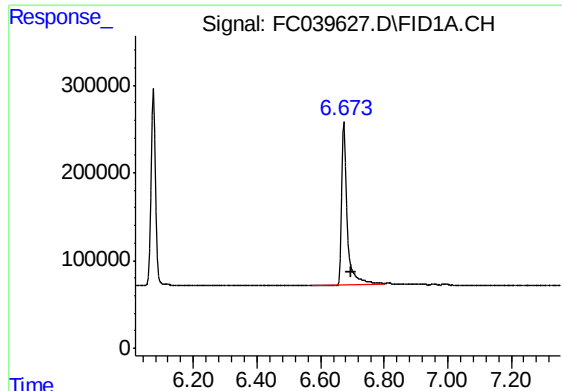
#3 A~Naphthalene (C11.7)

R.T.: 5.627 min
Delta R.T.: -0.024 min
Response: 2345829
Conc: 18.03 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.074 min
Delta R.T.: -0.016 min
Response: 2175445
Conc: 17.61 ug/ml



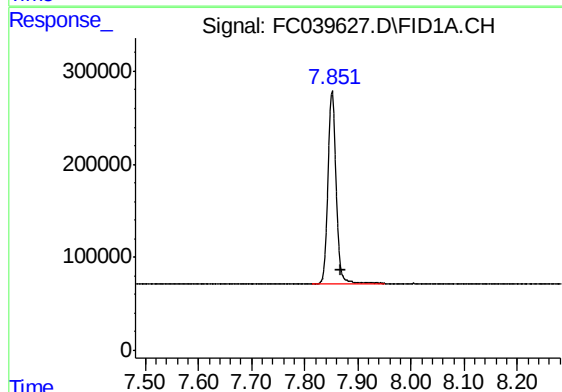
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.674 min
Delta R.T.: -0.024 min
Response: 2242426
Conc: 17.29 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

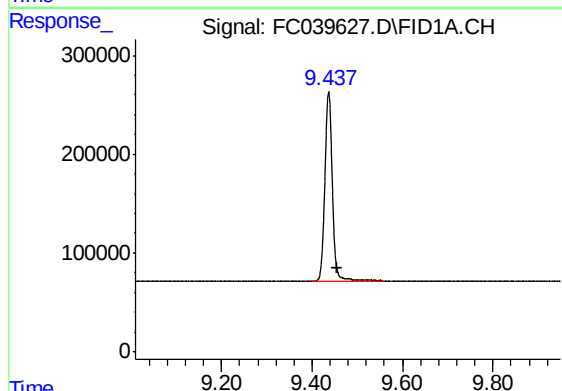
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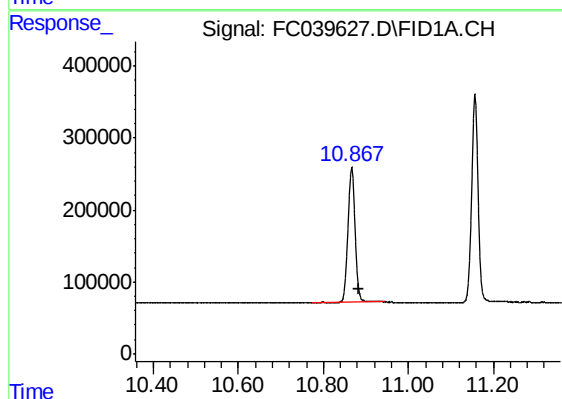
#6 n-Tetradecane (C14)

R.T.: 7.851 min
Delta R.T.: -0.017 min
Response: 2203668
Conc: 17.30 ug/ml



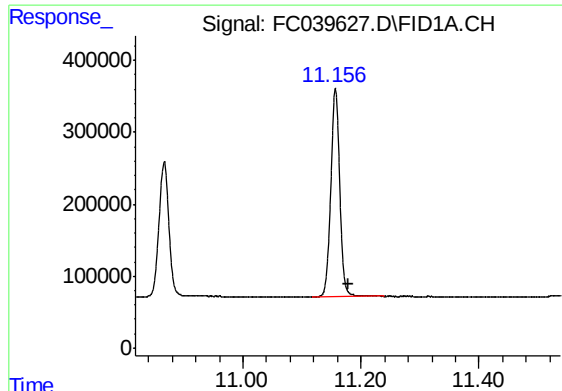
#7 n-Hexadecane (C16)

R.T.: 9.437 min
Delta R.T.: -0.018 min
Response: 2201376
Conc: 16.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.867 min
Delta R.T.: -0.018 min
Response: 2185071
Conc: 16.24 ug/ml



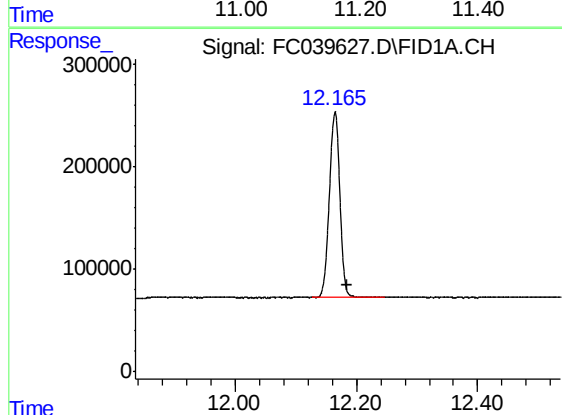
#9 ortho-Terphenyl (SURR)

R.T.: 11.157 min
Delta R.T.: -0.021 min
Response: 3025968
Conc: 17.99 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

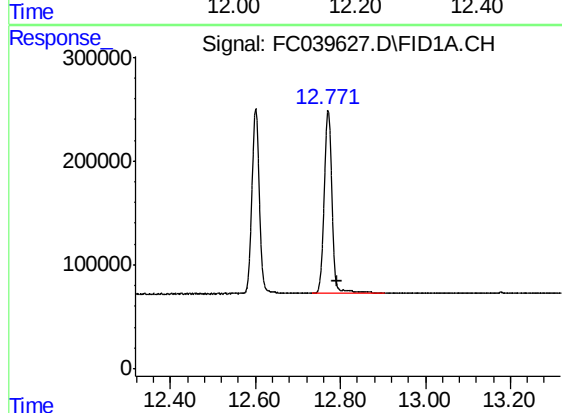
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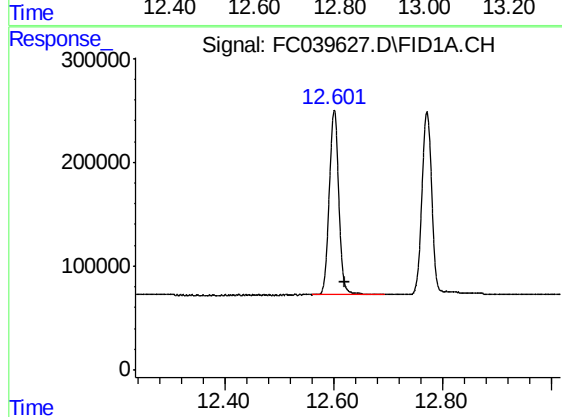
#10 n-Eicosane (C20)

R.T.: 12.165 min
Delta R.T.: -0.019 min
Response: 2200776
Conc: 16.88 ug/ml



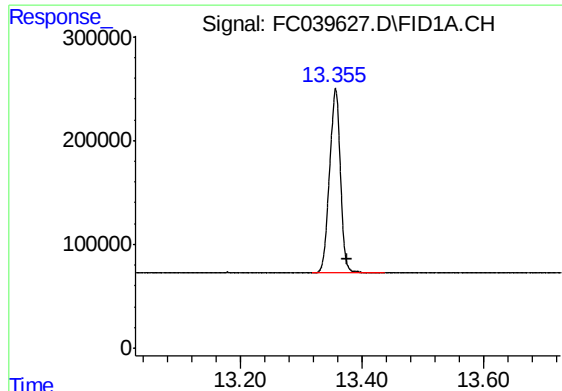
#11 n-Heneicosane (C21)

R.T.: 12.772 min
Delta R.T.: -0.020 min
Response: 2269546
Conc: 17.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.601 min
Delta R.T.: -0.020 min
Response: 2187043
Conc: 17.34 ug/ml



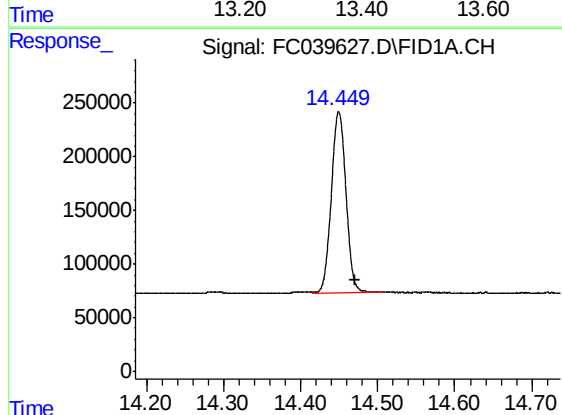
#13 n-Docosane (C22)

R.T.: 13.356 min
Delta R.T.: -0.018 min
Response: 2201087
Conc: 17.47 ug/ml

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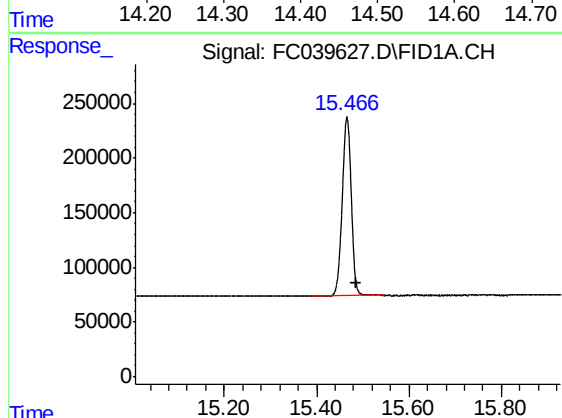
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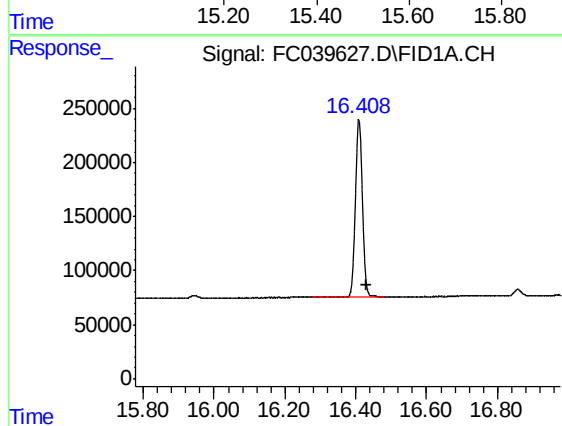
#14 n-Tetracosane (C24)

R.T.: 14.449 min
Delta R.T.: -0.021 min
Response: 2213905
Conc: 17.71 ug/ml m



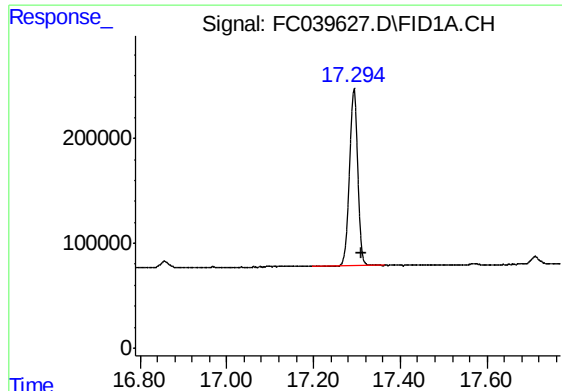
#15 n-Hexacosane (C26)

R.T.: 15.466 min
Delta R.T.: -0.019 min
Response: 2233517
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.409 min
Delta R.T.: -0.020 min
Response: 2268364
Conc: 16.97 ug/ml



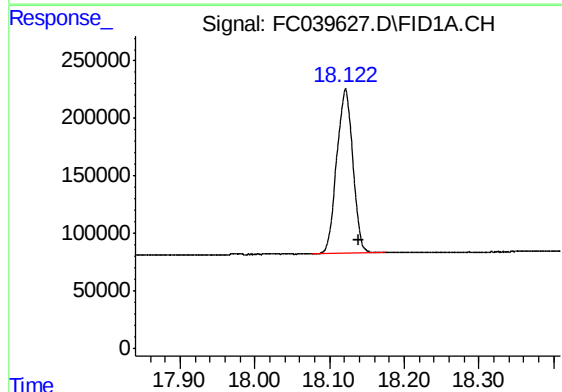
#17 n-Tricontane (C30)

R.T.: 17.294 min
Delta R.T.: -0.018 min
Response: 2232851
Conc: 15.21 ug/ml

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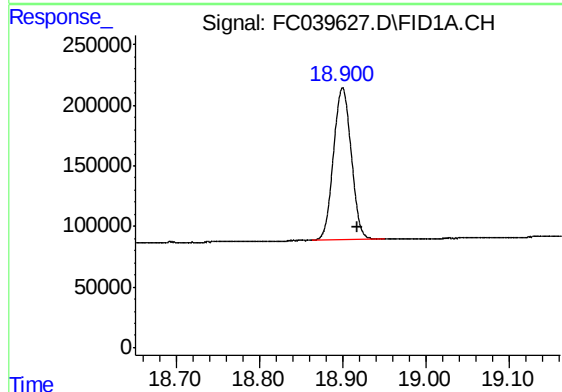
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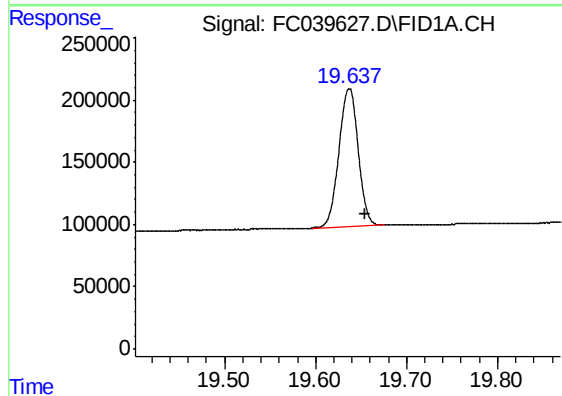
#18 n-Dotriacontane (C32)

R.T.: 18.122 min
Delta R.T.: -0.018 min
Response: 2153911
Conc: 16.03 ug/ml m



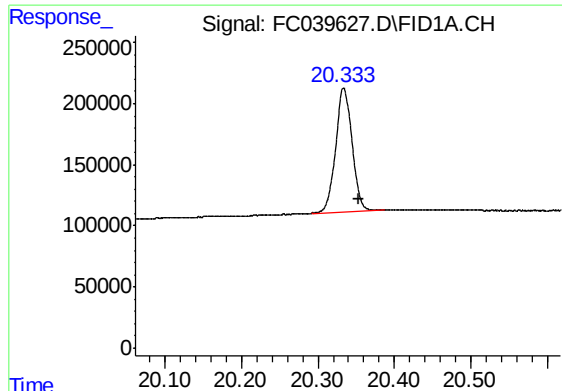
#19 n-Tetatriacontane (C34)

R.T.: 18.900 min
Delta R.T.: -0.019 min
Response: 1866797
Conc: 16.41 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.637 min
Delta R.T.: -0.018 min
Response: 1633109
Conc: 16.93 ug/ml m



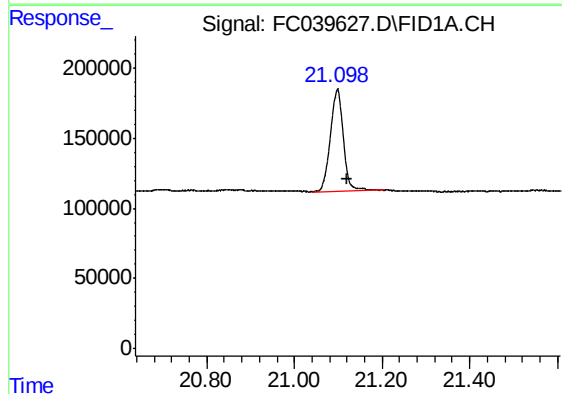
#21 n-Octatriacontane (C38)

R.T.: 20.333 min
Delta R.T.: -0.020 min
Response: 1511804
Conc: 16.47 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.098 min
Delta R.T.: -0.022 min
Response: 1497281
Conc: 16.50 ug/ml m