

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031319AL\
 Data File : FC039819.D
 Signal(s) : FID1A.CH
 Acq On : 14 Mar 2019 3:25
 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
 3/14/2019 6:02:44 PM

Integration File: autoint1.e
 Quant Time: Mar 14 07:06:38 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	3276462	19.479 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
12) S 1-chlorooctadecane (S...	12.592	2364877	18.748 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
Target Compounds			
1) T n-Nonane (C9)	3.017	2158928	17.988 ug/mlm
2) T n-Decane (C10)	4.066	2226367	18.480 ug/ml
3) T A~Naphthalene (C11.7)	5.616	2520900	19.373 ug/ml
4) T n-Dodecane (C12)	6.064	2278074	18.439 ug/ml
5) T A~2-methylnaphthalene...	6.662	2416260	18.632 ug/ml
6) T n-Tetradecane (C14)	7.841	2294258	18.013 ug/ml
7) T n-Hexadecane (C16)	9.426	2305159	17.788 ug/ml
8) T n-Octadecane (C18)	10.856	2326782	17.297 ug/ml
10) T n-Eicosane (C20)	12.155	2361042	18.107 ug/ml
11) T n-Heneicosane (C21)	12.763	2363821	18.639 ug/ml
13) T n-Docosane (C22)	13.344	2376894	18.869 ug/ml
14) T n-Tetracosane (C24)	14.439	2399930	19.202 ug/ml
15) T n-Hexacosane (C26)	15.454	2378585	19.069 ug/ml
16) T n-Octacosane (C28)	16.398	2394978	17.919 ug/ml
17) T n-Tricontane (C30)	17.280	2354533	16.044 ug/ml
18) T n-Dotriacontane (C32)	18.108	2269562	16.895 ug/mlm
19) T n-Tetratriacontane (C34)	18.888	1942678	17.079 ug/mlm
20) T n-Hexatriacontane (C36)	19.622	1695822	17.583 ug/mlm
21) T n-Octatriacontane (C38)	20.319	1544607	16.823 ug/mlm
22) T n-Tetracontane (C40)	21.080	1480828	16.316 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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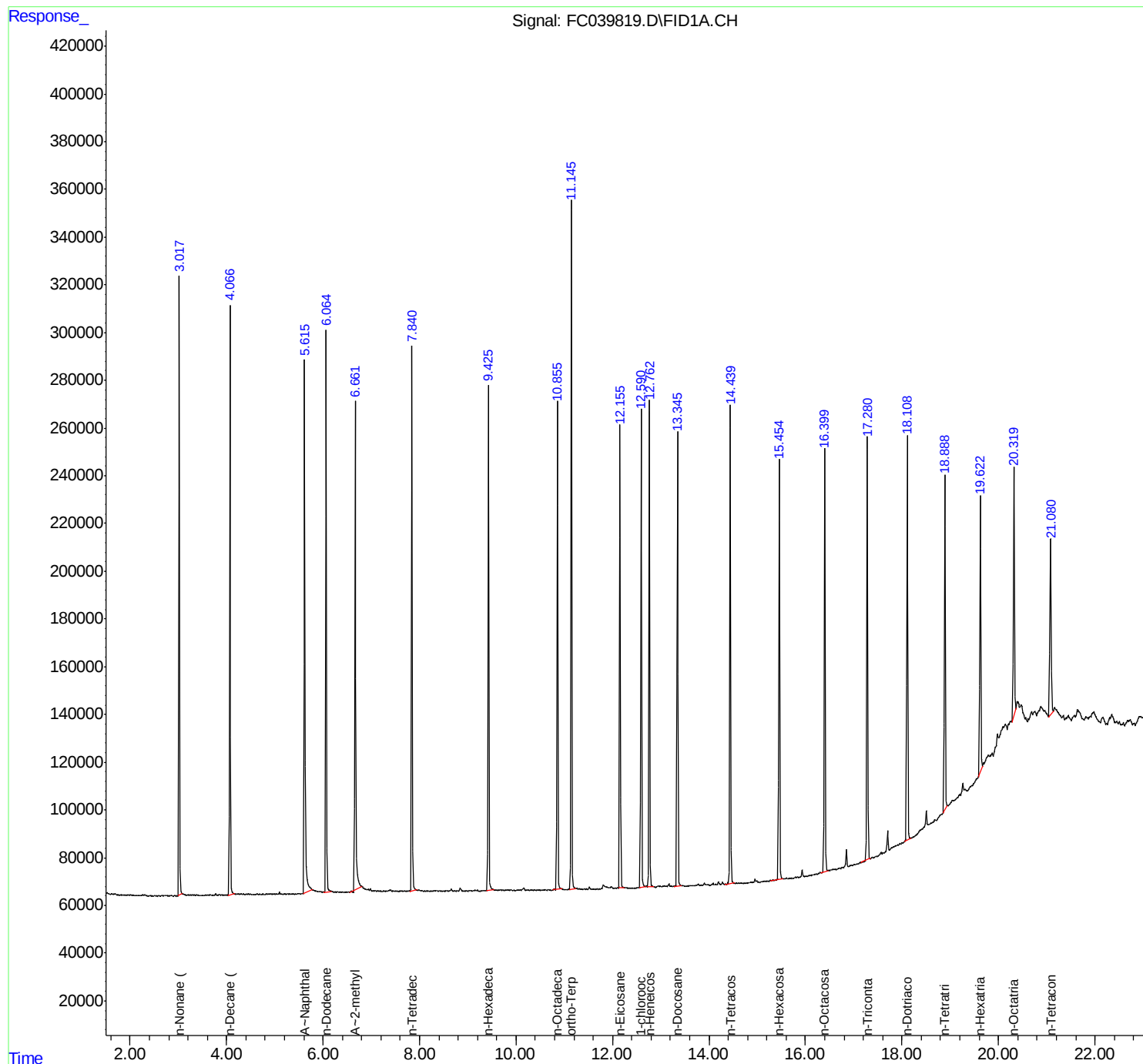
Instrument :
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20 PPM ALIPHATIC HC STD

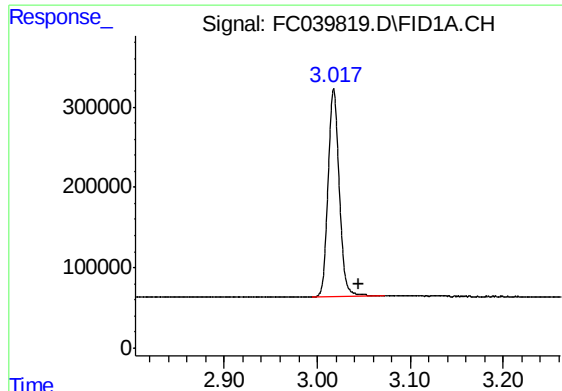
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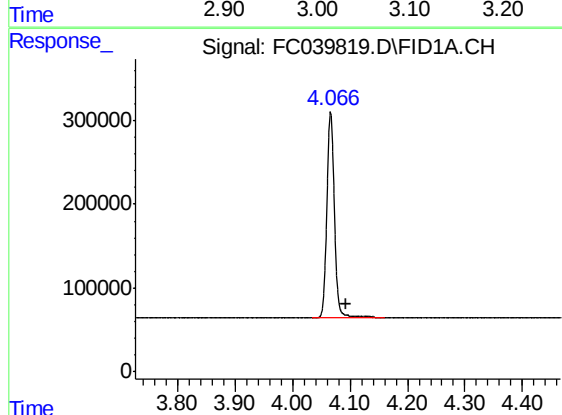
#1 n-Nonane (C9)

R.T.: 3.017 min
Delta R.T.: -0.028 min
Response: 2158928
Conc: 17.99 ug/ml m

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

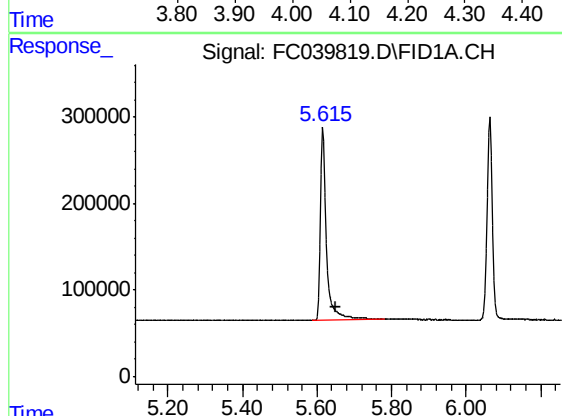
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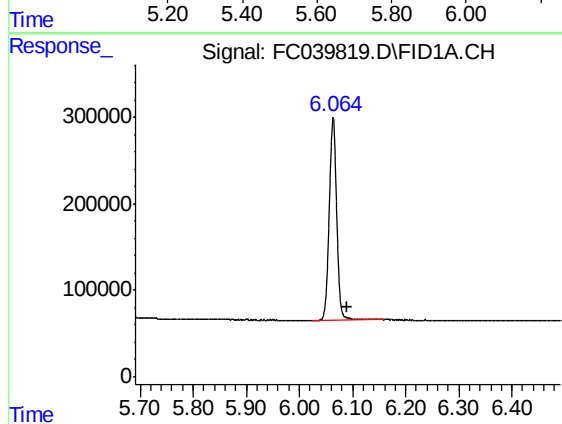
#2 n-Decane (C10)

R.T.: 4.066 min
Delta R.T.: -0.027 min
Response: 2226367
Conc: 18.48 ug/ml



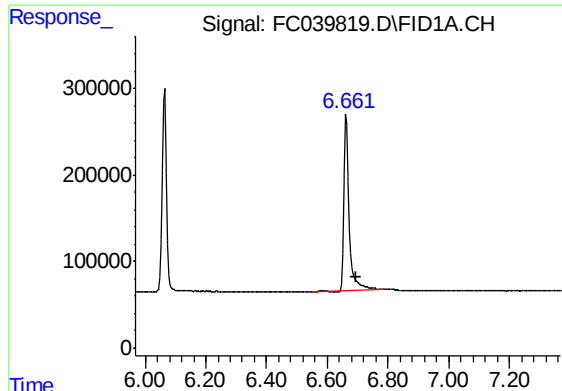
#3 A~Naphthalene (C11.7)

R.T.: 5.616 min
Delta R.T.: -0.035 min
Response: 2520900
Conc: 19.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.064 min
Delta R.T.: -0.026 min
Response: 2278074
Conc: 18.44 ug/ml



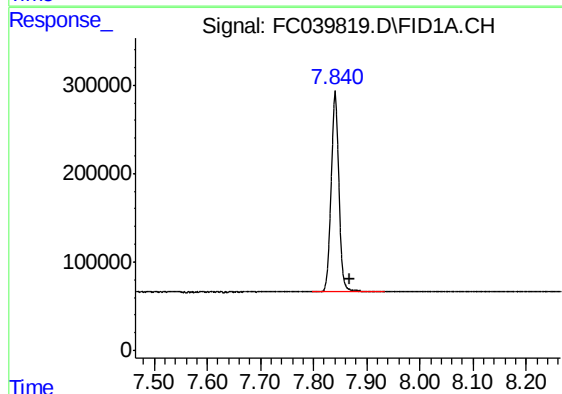
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.662 min
Delta R.T.: -0.036 min
Response: 2416260
Conc: 18.63 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

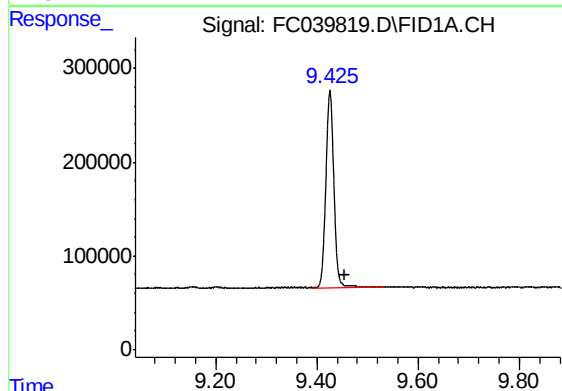
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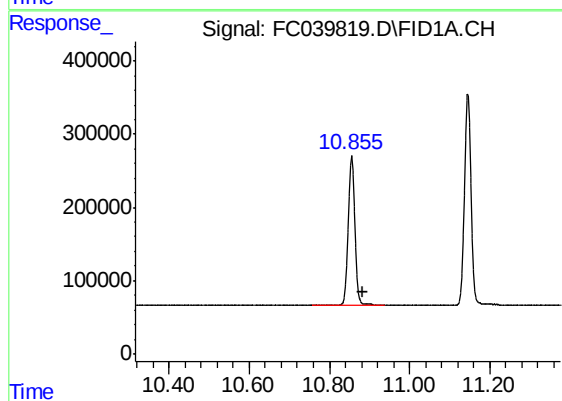
#6 n-Tetradecane (C14)

R.T.: 7.841 min
Delta R.T.: -0.027 min
Response: 2294258
Conc: 18.01 ug/ml



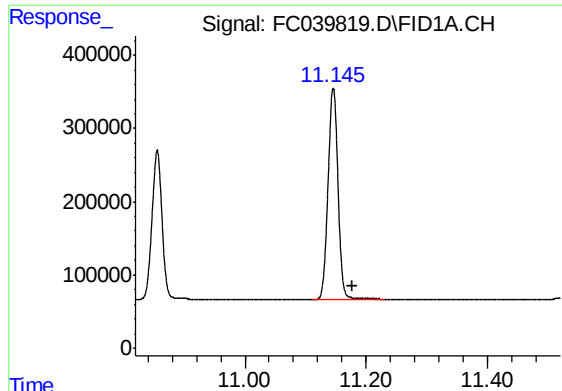
#7 n-Hexadecane (C16)

R.T.: 9.426 min
Delta R.T.: -0.029 min
Response: 2305159
Conc: 17.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.856 min
Delta R.T.: -0.029 min
Response: 2326782
Conc: 17.30 ug/ml



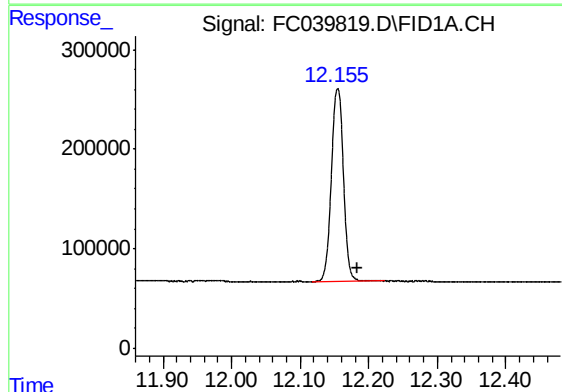
#9 ortho-Terphenyl (SURR)

R.T.: 11.146 min
Delta R.T.: -0.032 min
Response: 3276462
Conc: 19.48 ug/ml

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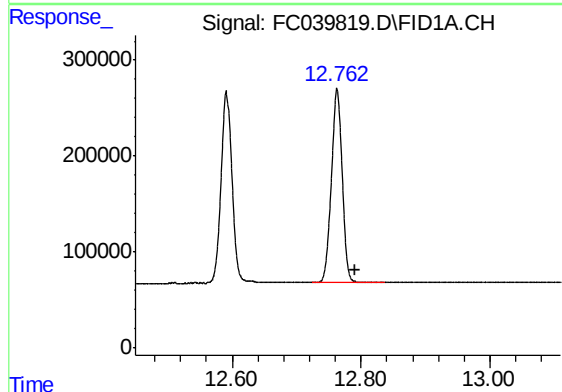
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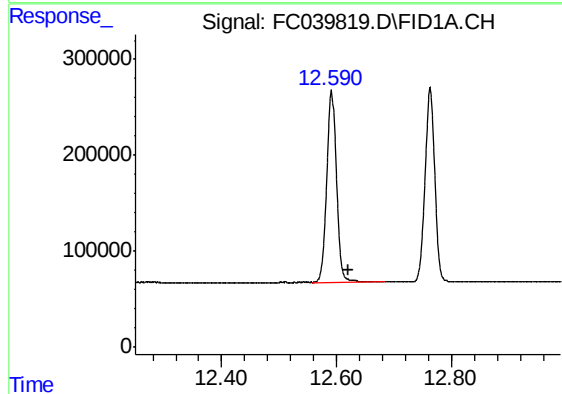
#10 n-Eicosane (C20)

R.T.: 12.155 min
Delta R.T.: -0.030 min
Response: 2361042
Conc: 18.11 ug/ml



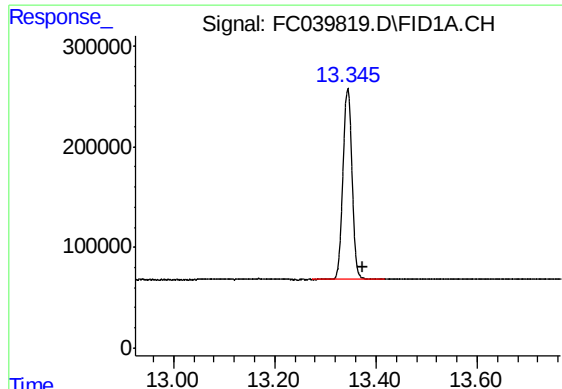
#11 n-Heneicosane (C21)

R.T.: 12.763 min
Delta R.T.: -0.028 min
Response: 2363821
Conc: 18.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.592 min
Delta R.T.: -0.030 min
Response: 2364877
Conc: 18.75 ug/ml



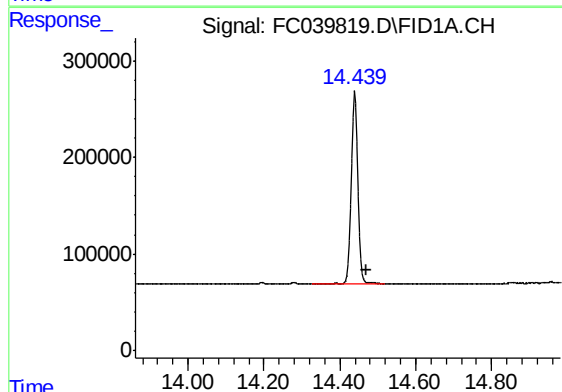
#13 n-Docosane (C22)

R.T.: 13.344 min
Delta R.T.: -0.030 min
Response: 2376894
Conc: 18.87 ug/ml

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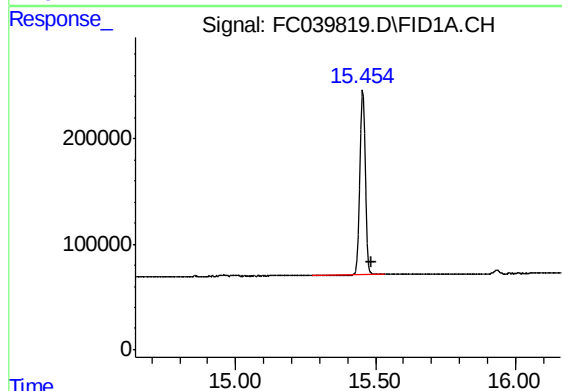
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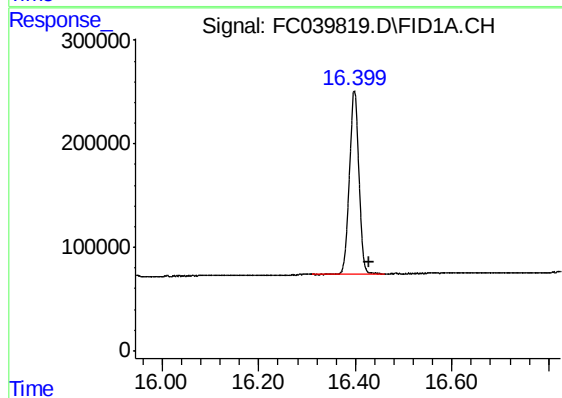
#14 n-Tetracosane (C24)

R.T.: 14.439 min
Delta R.T.: -0.031 min
Response: 2399930
Conc: 19.20 ug/ml



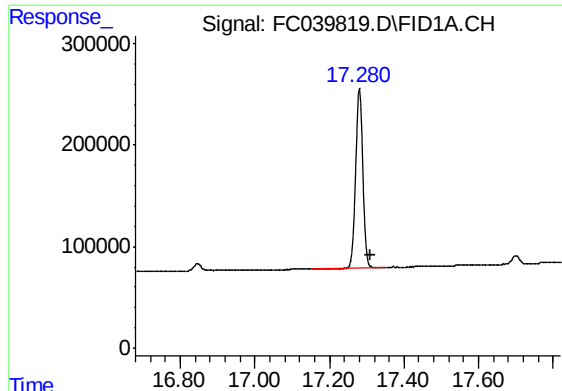
#15 n-Hexacosane (C26)

R.T.: 15.454 min
Delta R.T.: -0.031 min
Response: 2378585
Conc: 19.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.398 min
Delta R.T.: -0.031 min
Response: 2394978
Conc: 17.92 ug/ml



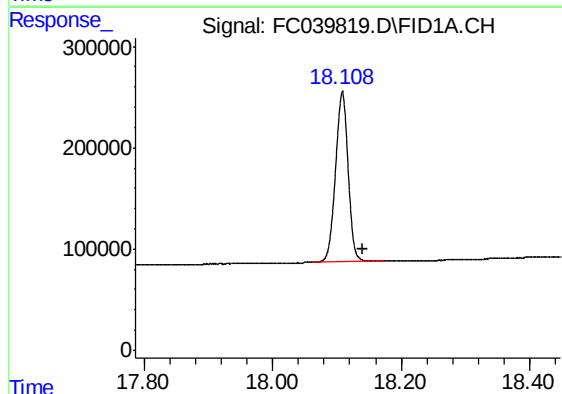
#17 n-Tricontane (C30)

R.T.: 17.280 min
Delta R.T.: -0.031 min
Response: 2354533
Conc: 16.04 ug/ml

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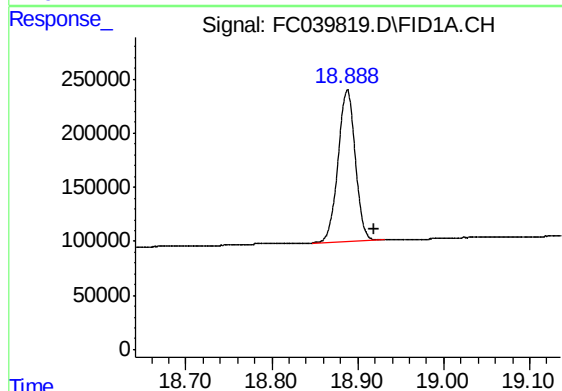
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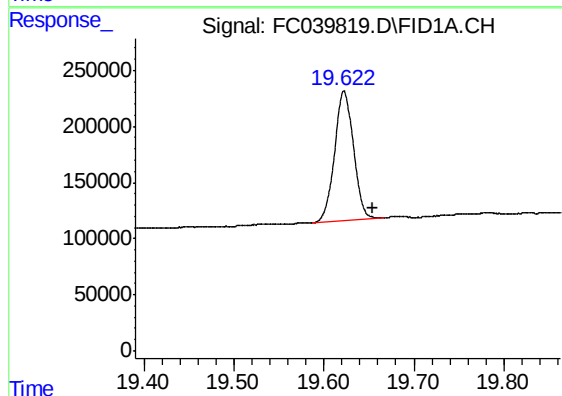
#18 n-Dotriacontane (C32)

R.T.: 18.108 min
Delta R.T.: -0.031 min
Response: 2269562
Conc: 16.89 ug/ml m



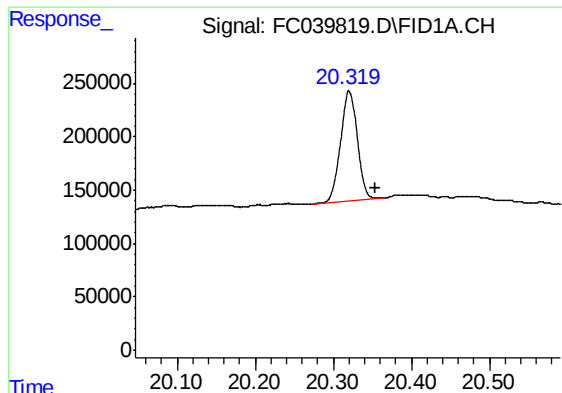
#19 n-Tetatriacontane (C34)

R.T.: 18.888 min
Delta R.T.: -0.031 min
Response: 1942678
Conc: 17.08 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.622 min
Delta R.T.: -0.033 min
Response: 1695822
Conc: 17.58 ug/ml m



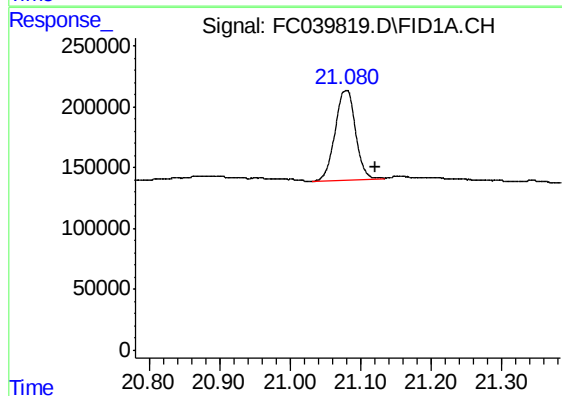
#21 n-Octatriacontane (C38)

R.T.: 20.319 min
Delta R.T.: -0.034 min
Response: 1544607
Conc: 16.82 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.080 min
Delta R.T.: -0.040 min
Response: 1480828
Conc: 16.32 ug/ml m