

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031219AL\
 Data File : FC039795.D
 Signal(s) : FID1A.CH
 Acq On : 13 Mar 2019 12:21
 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 1:57:27 PM

Integration File: autoint1.e
 Quant Time: Mar 13 13:15:57 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)	11.145	3023572	17.976 ug/ml
Spiked Amount 50.000		Recovery =	35.95%
12) S 1-chlorooctadecane (S...	12.590	2217356	17.578 ug/ml
Spiked Amount 50.000		Recovery =	35.16%
Target Compounds			
1) T n-Nonane (C9)	3.015	1767397	14.726 ug/mlm
2) T n-Decane (C10)	4.066	1871262	15.533 ug/ml
3) T A~Naphthalene (C11.7)	5.617	2268335	17.432 ug/ml
4) T n-Dodecane (C12)	6.064	2061112	16.683 ug/ml
5) T A~2-methylnaphthalene...	6.663	2294452	17.693 ug/ml
6) T n-Tetradecane (C14)	7.841	2182847	17.139 ug/ml
7) T n-Hexadecane (C16)	9.427	2223226	17.156 ug/ml
8) T n-Octadecane (C18)	10.856	2222619	16.522 ug/ml
10) T n-Eicosane (C20)	12.153	2240293	17.181 ug/ml
11) T n-Heneicosane (C21)	12.761	2239919	17.662 ug/ml
13) T n-Docosane (C22)	13.343	2254497	17.898 ug/ml
14) T n-Tetracosane (C24)	14.438	2287959	18.306 ug/ml
15) T n-Hexacosane (C26)	15.453	2289633	18.356 ug/ml
16) T n-Octacosane (C28)	16.396	2319750	17.356 ug/ml
17) T n-Tricontane (C30)	17.278	2290772	15.609 ug/ml
18) T n-Dotriacontane (C32)	18.107	2205386	16.417 ug/ml
19) T n-Tetratriacontane (C34)	18.884	1938765	17.045 ug/mlm
20) T n-Hexatriacontane (C36)	19.621	1666019	17.274 ug/mlm
21) T n-Octatriacontane (C38)	20.316	1532190	16.688 ug/mlm
22) T n-Tetracontane (C40)	21.074	1457770	16.062 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\SJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

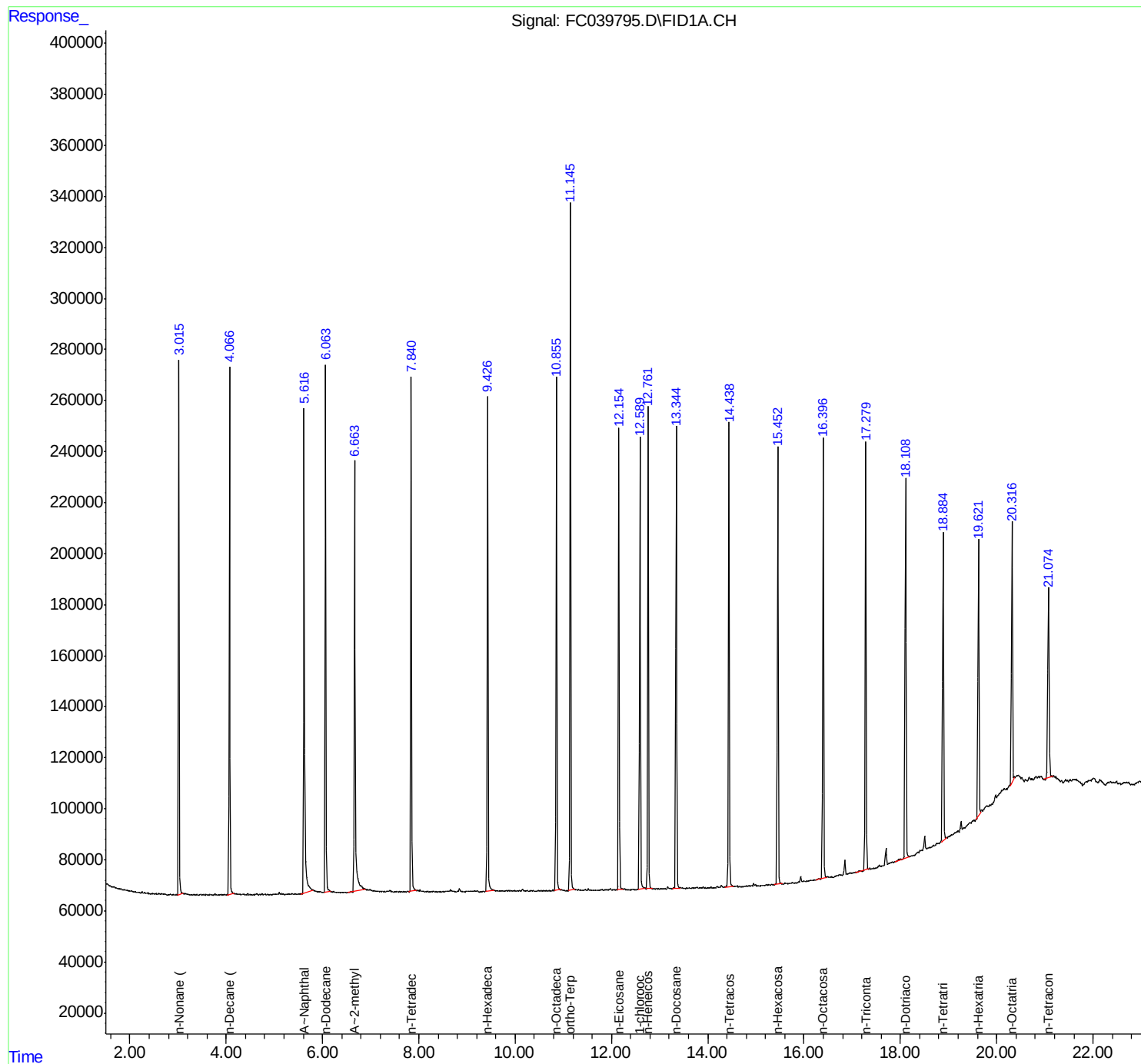
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

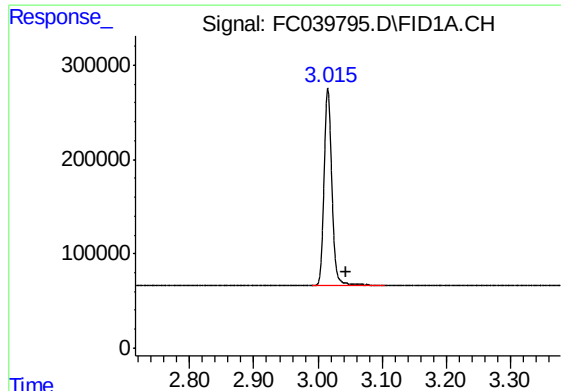
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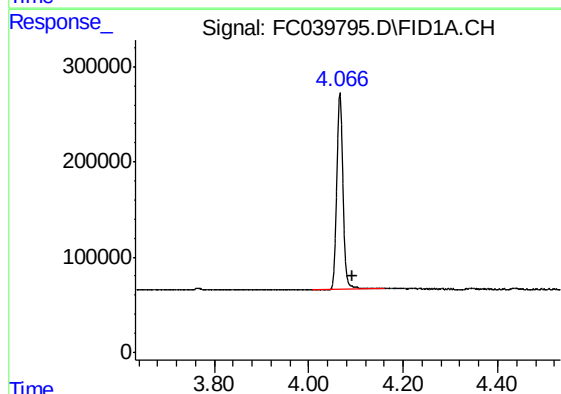
#1 n-Nonane (C9)

R.T.: 3.015 min
Delta R.T.: -0.030 min
Response: 1767397
Conc: 14.73 ug/ml m

Instrument :
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20 PPM ALIPHATIC HC STD

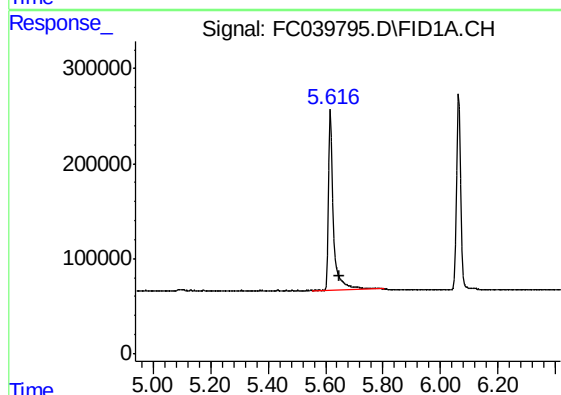
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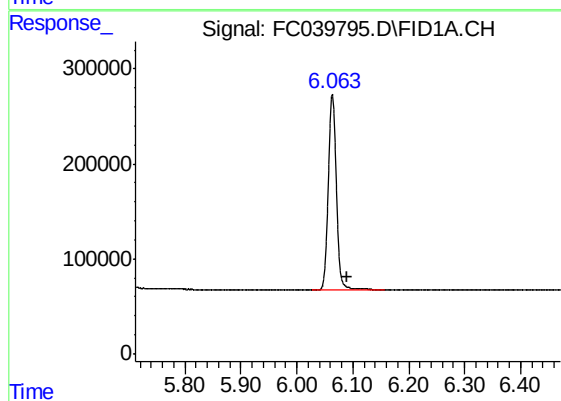
#2 n-Decane (C10)

R.T.: 4.066 min
Delta R.T.: -0.027 min
Response: 1871262
Conc: 15.53 ug/ml



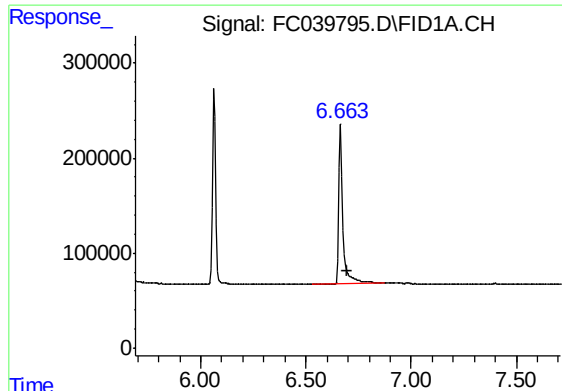
#3 A~Naphthalene (C11.7)

R.T.: 5.617 min
Delta R.T.: -0.034 min
Response: 2268335
Conc: 17.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.064 min
Delta R.T.: -0.026 min
Response: 2061112
Conc: 16.68 ug/ml



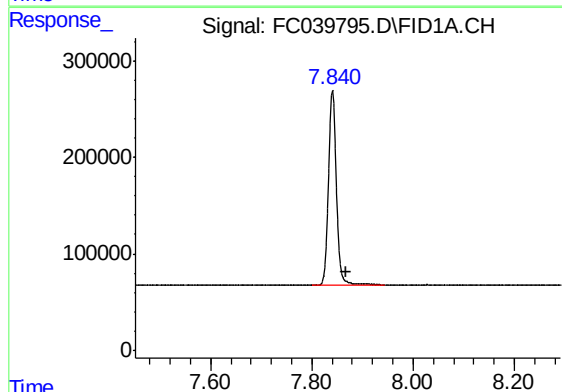
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.663 min
Delta R.T.: -0.034 min
Response: 2294452
Conc: 17.69 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

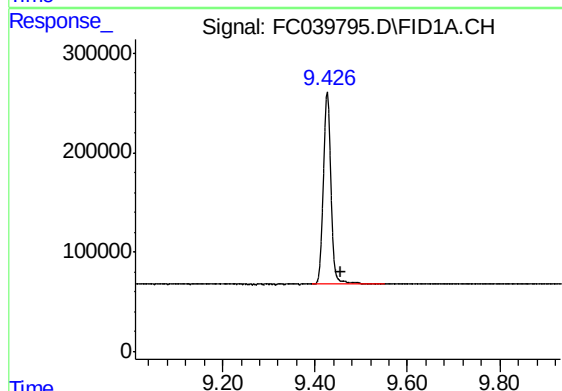
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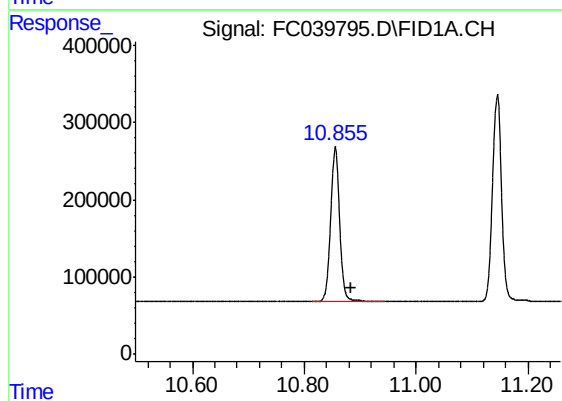
#6 n-Tetradecane (C14)

R.T.: 7.841 min
Delta R.T.: -0.027 min
Response: 2182847
Conc: 17.14 ug/ml



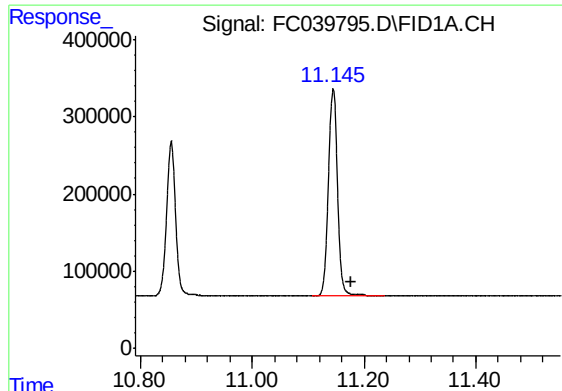
#7 n-Hexadecane (C16)

R.T.: 9.427 min
Delta R.T.: -0.028 min
Response: 2223226
Conc: 17.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.856 min
Delta R.T.: -0.029 min
Response: 2222619
Conc: 16.52 ug/ml



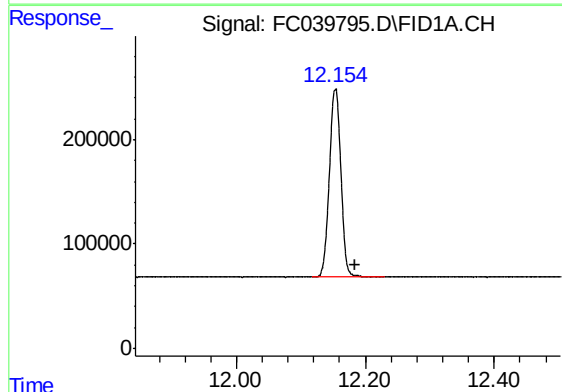
#9 ortho-Terphenyl (SURR)

R.T.: 11.145 min
Delta R.T.: -0.033 min
Response: 3023572
Conc: 17.98 ug/ml

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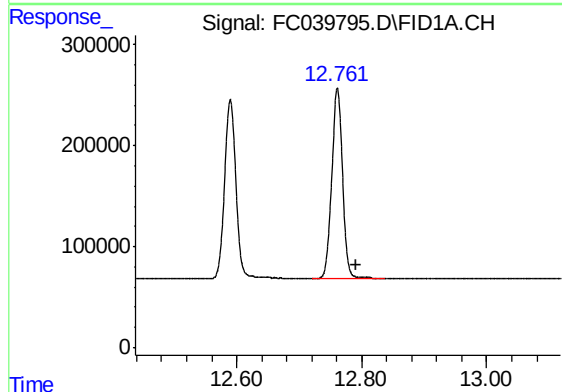
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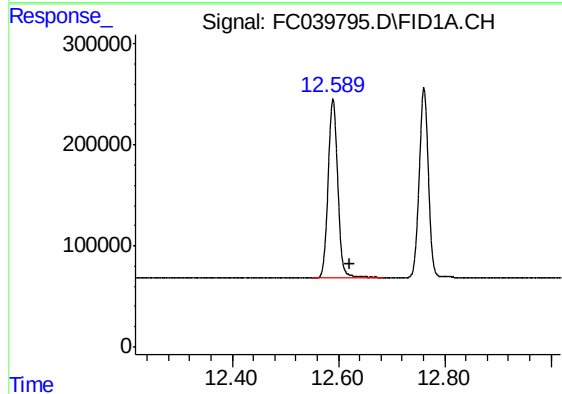
#10 n-Eicosane (C20)

R.T.: 12.153 min
Delta R.T.: -0.031 min
Response: 2240293
Conc: 17.18 ug/ml



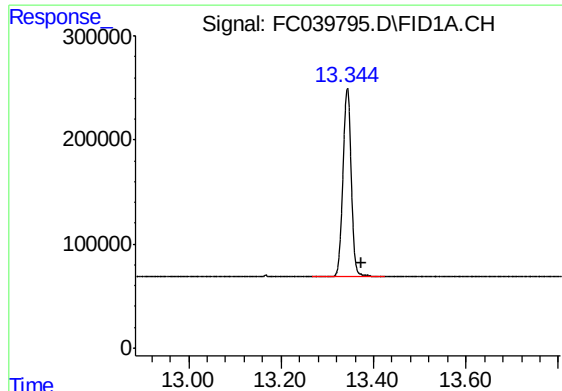
#11 n-Heneicosane (C21)

R.T.: 12.761 min
Delta R.T.: -0.030 min
Response: 2239919
Conc: 17.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.590 min
Delta R.T.: -0.031 min
Response: 2217356
Conc: 17.58 ug/ml



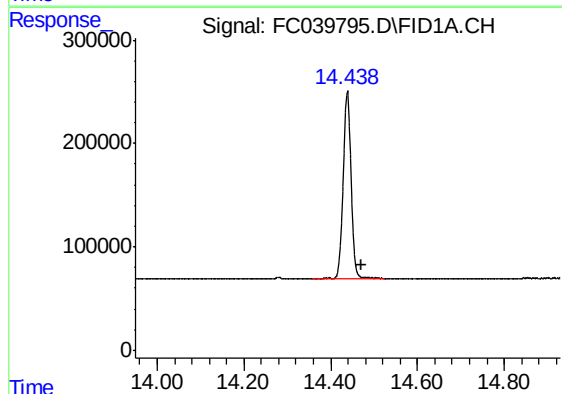
#13 n-Docosane (C22)

R.T.: 13.343 min
Delta R.T.: -0.031 min
Response: 2254497
Conc: 17.90 ug/ml

Instrument :
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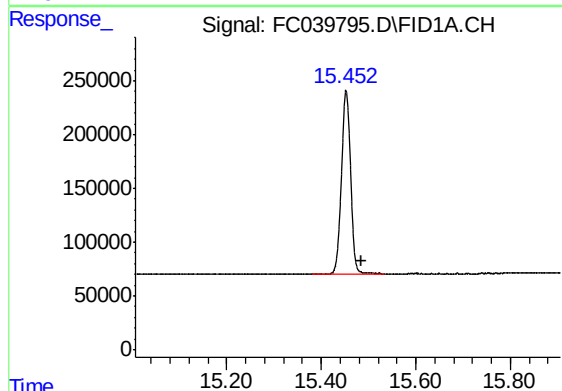
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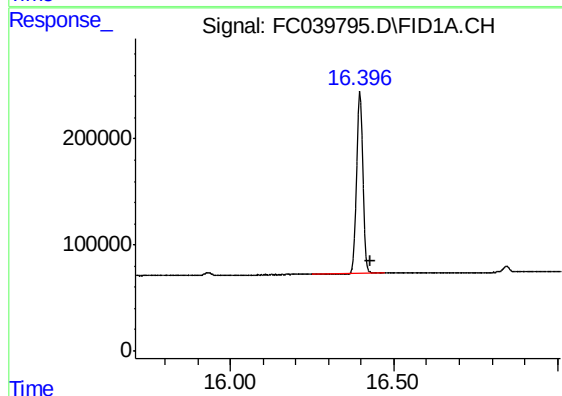
#14 n-Tetracosane (C24)

R.T.: 14.438 min
Delta R.T.: -0.032 min
Response: 2287959
Conc: 18.31 ug/ml



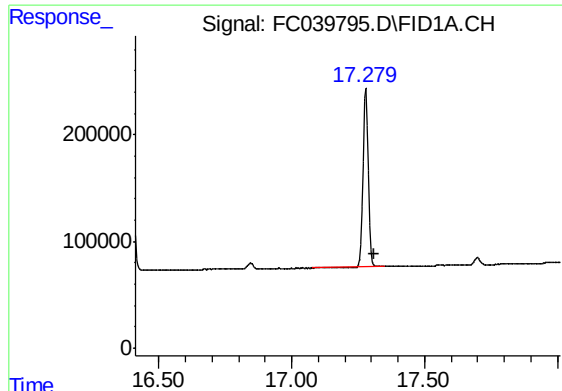
#15 n-Hexacosane (C26)

R.T.: 15.453 min
Delta R.T.: -0.032 min
Response: 2289633
Conc: 18.36 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.396 min
Delta R.T.: -0.033 min
Response: 2319750
Conc: 17.36 ug/ml



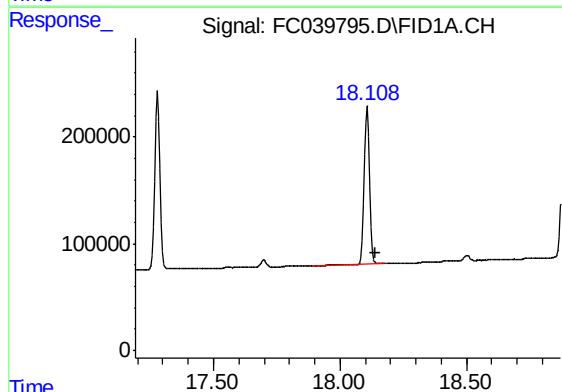
#17 n-Tricontane (C30)

R.T.: 17.278 min
Delta R.T.: -0.033 min
Response: 2290772
Conc: 15.61 ug/ml

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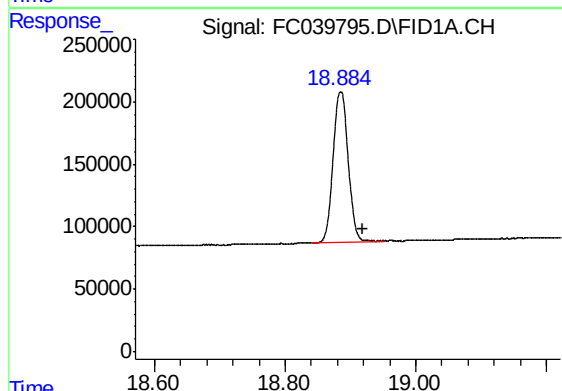
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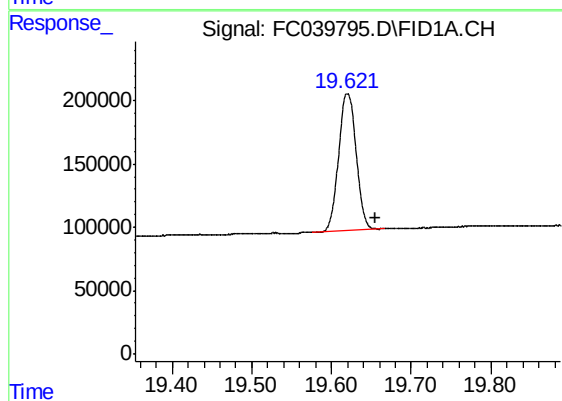
#18 n-Dotriacontane (C32)

R.T.: 18.107 min
Delta R.T.: -0.032 min
Response: 2205386
Conc: 16.42 ug/ml



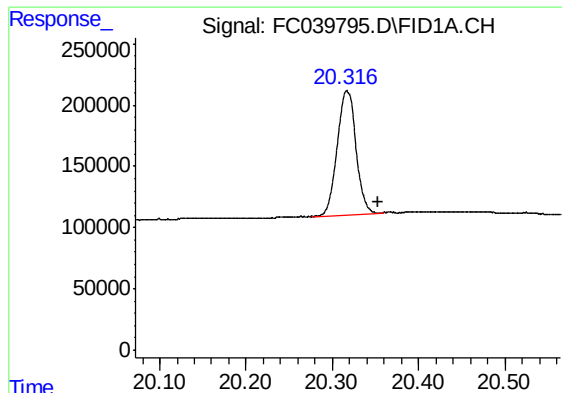
#19 n-Tetatriacontane (C34)

R.T.: 18.884 min
Delta R.T.: -0.035 min
Response: 1938765
Conc: 17.04 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.621 min
Delta R.T.: -0.034 min
Response: 1666019
Conc: 17.27 ug/ml m



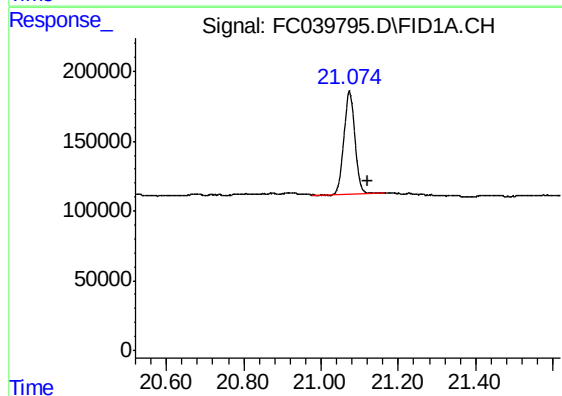
#21 n-Octatriacontane (C38)

R.T.: 20.316 min
Delta R.T.: -0.037 min
Response: 1532190
Conc: 16.69 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.074 min
Delta R.T.: -0.047 min
Response: 1457770
Conc: 16.06 ug/ml