

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031219AL\
 Data File : FC039755.D
 Signal(s) : FID1A.CH
 Acq On : 12 Mar 2019 11:58
 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 1:56:46 PM

Integration File: autoint1.e
 Quant Time: Mar 12 15:49:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.148	3000631	17.840 ug/ml
Spiked Amount 50.000		Recovery =	35.68%
12) S 1-chlorooctadecane (S...	12.594	2203950	17.472 ug/ml
Spiked Amount 50.000		Recovery =	34.94%
Target Compounds			
1) T n-Nonane (C9)	3.018	1859817	15.496 ug/mlm
2) T n-Decane (C10)	4.068	1939876	16.102 ug/ml
3) T A~Naphthalene (C11.7)	5.619	2260738	17.374 ug/ml
4) T n-Dodecane (C12)	6.066	2061964	16.690 ug/ml
5) T A~2-methylnaphthalene...	6.665	2264941	17.465 ug/ml
6) T n-Tetradecane (C14)	7.843	2132472	16.743 ug/ml
7) T n-Hexadecane (C16)	9.429	2160091	16.669 ug/ml
8) T n-Octadecane (C18)	10.858	2179840	16.204 ug/ml
10) T n-Eicosane (C20)	12.157	2214154	16.980 ug/ml
11) T n-Heneicosane (C21)	12.764	2223592	17.533 ug/ml
13) T n-Docosane (C22)	13.346	2231694	17.717 ug/ml
14) T n-Tetracosane (C24)	14.441	2256227	18.052 ug/ml
15) T n-Hexacosane (C26)	15.456	2255326	18.081 ug/ml
16) T n-Octacosane (C28)	16.399	2263817	16.938 ug/ml
17) T n-Tricontane (C30)	17.281	2232944	15.215 ug/ml
18) T n-Dotriacontane (C32)	18.110	2130756	15.862 ug/ml
19) T n-Tetratriacontane (C34)	18.889	1867277	16.416 ug/ml
20) T n-Hexatriacontane (C36)	19.626	1618557	16.782 ug/ml
21) T n-Octatriacontane (C38)	20.323	1509900	16.445 ug/mlm
22) T n-Tetracontane (C40)	21.081	1504760	16.580 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

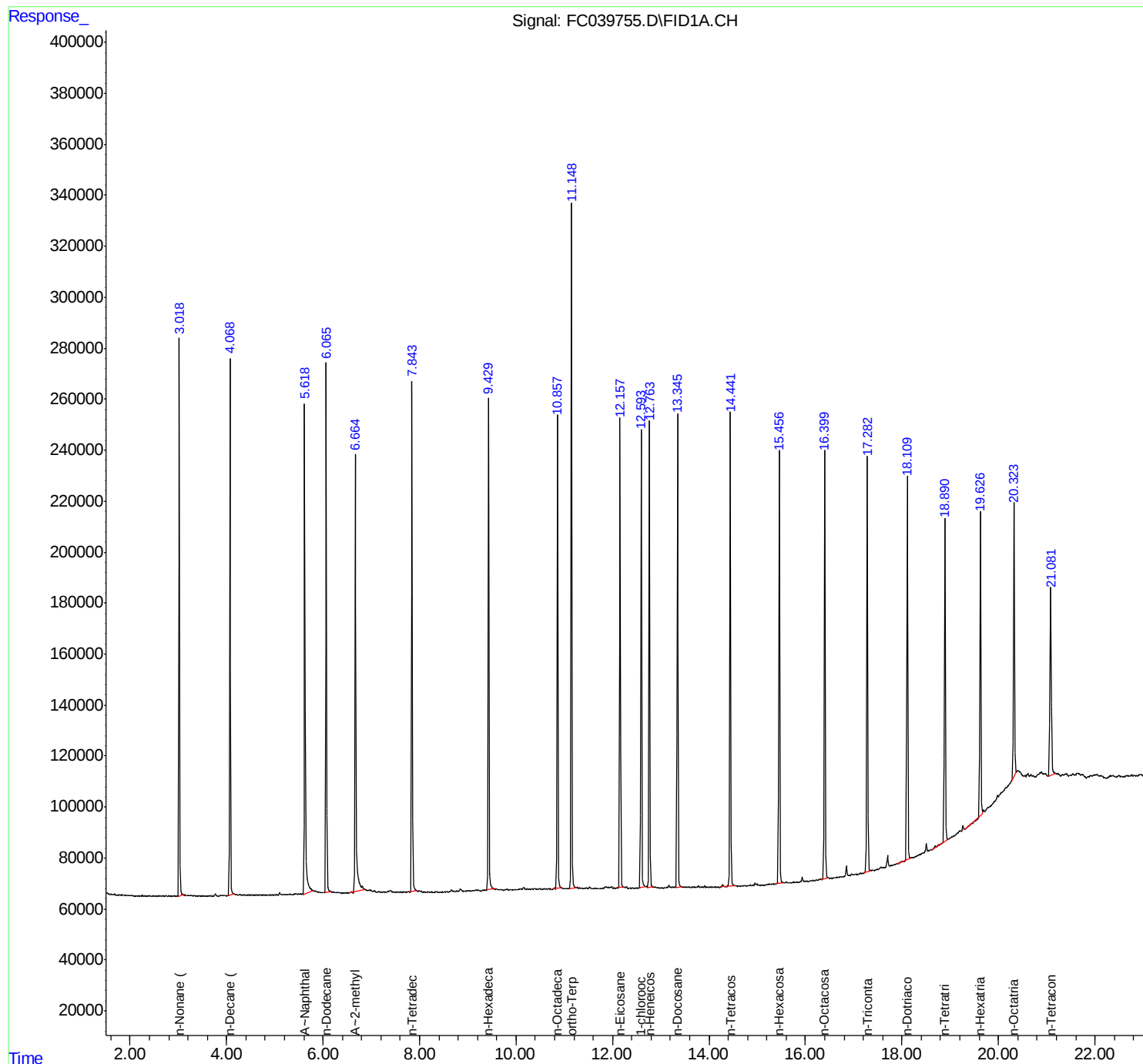
Instrument :
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20 PPM ALIPHATIC HC STD

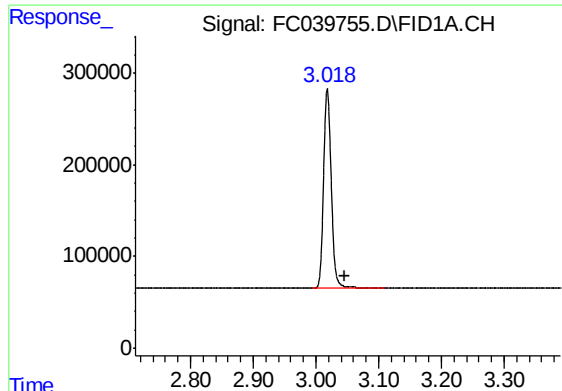
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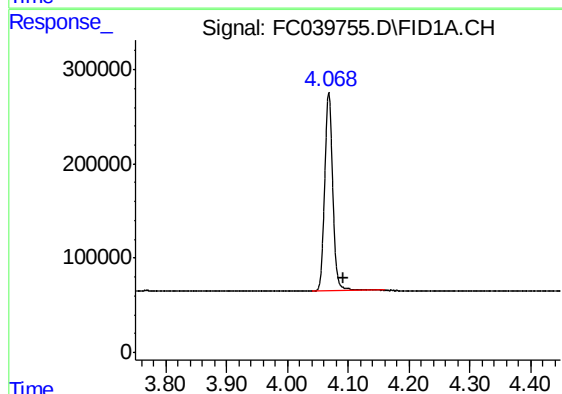
#1 n-Nonane (C9)

R.T.: 3.018 min
Delta R.T.: -0.027 min
Response: 1859817
Conc: 15.50 ug/ml m

Instrument :
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20 PPM ALIPHATIC HC STD

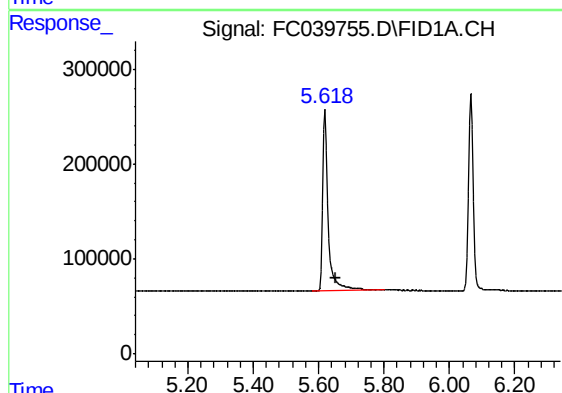
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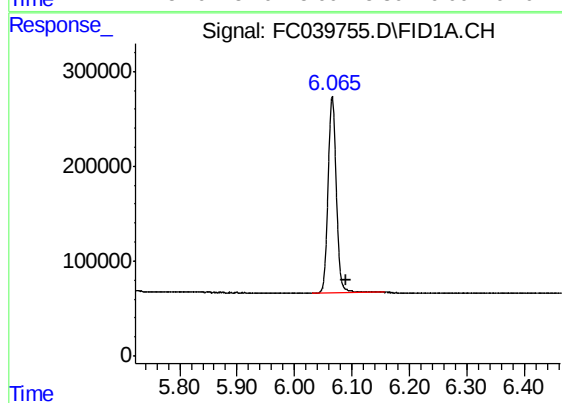
#2 n-Decane (C10)

R.T.: 4.068 min
Delta R.T.: -0.025 min
Response: 1939876
Conc: 16.10 ug/ml



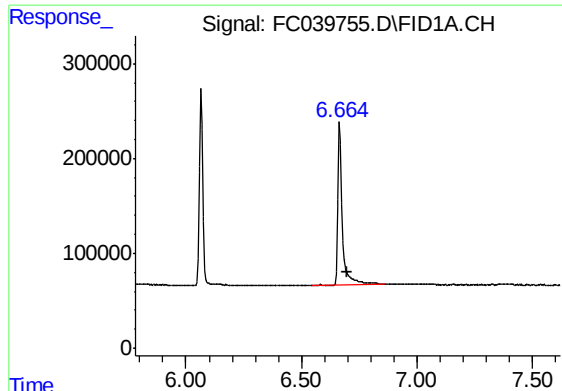
#3 A~Naphthalene (C11.7)

R.T.: 5.619 min
Delta R.T.: -0.032 min
Response: 2260738
Conc: 17.37 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.066 min
Delta R.T.: -0.024 min
Response: 2061964
Conc: 16.69 ug/ml



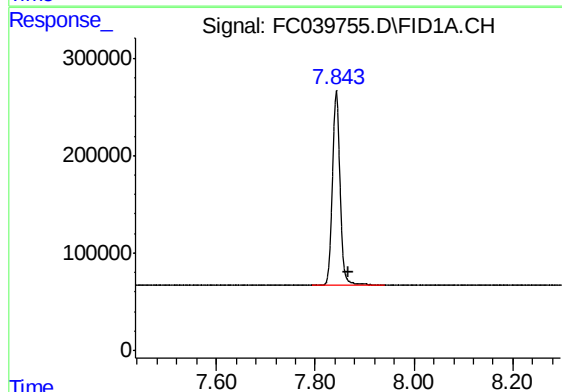
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.665 min
Delta R.T.: -0.033 min
Response: 2264941
Conc: 17.47 ug/ml

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20 PPM ALIPHATIC HC STD

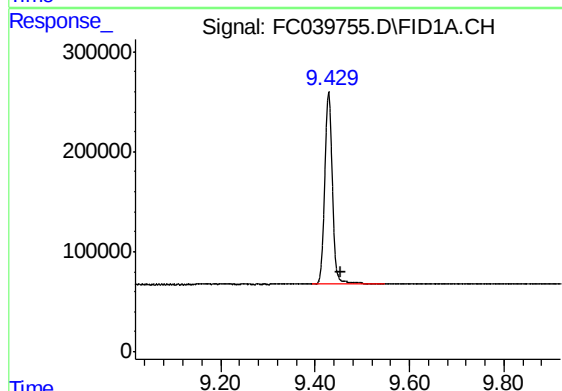
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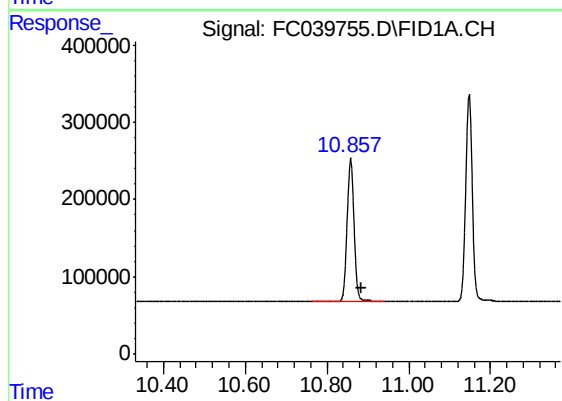
#6 n-Tetradecane (C14)

R.T.: 7.843 min
Delta R.T.: -0.025 min
Response: 2132472
Conc: 16.74 ug/ml



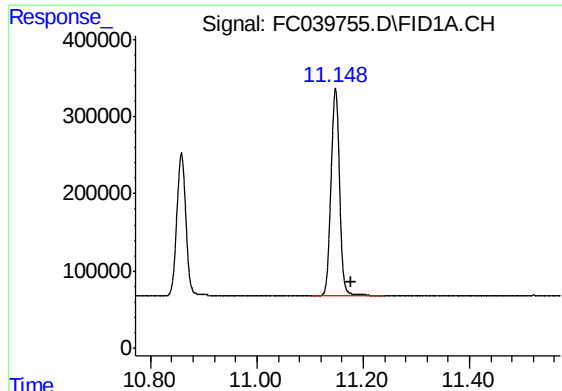
#7 n-Hexadecane (C16)

R.T.: 9.429 min
Delta R.T.: -0.026 min
Response: 2160091
Conc: 16.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.858 min
Delta R.T.: -0.027 min
Response: 2179840
Conc: 16.20 ug/ml



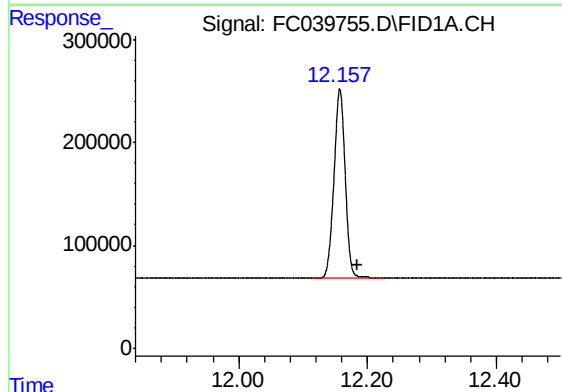
#9 ortho-Terphenyl (SURR)

R.T.: 11.148 min
Delta R.T.: -0.030 min
Response: 3000631
Conc: 17.84 ug/ml

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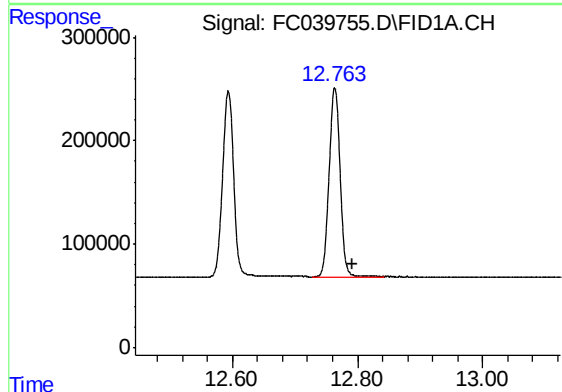
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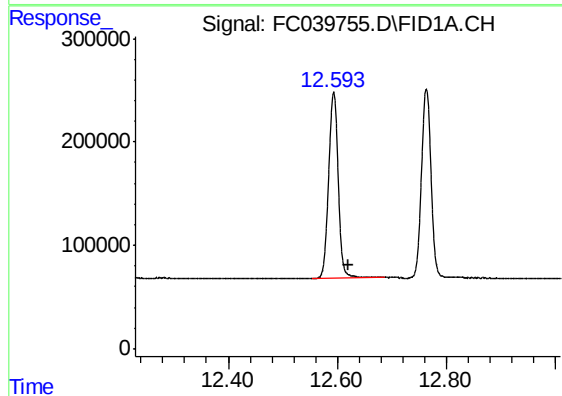
#10 n-Eicosane (C20)

R.T.: 12.157 min
Delta R.T.: -0.027 min
Response: 2214154
Conc: 16.98 ug/ml



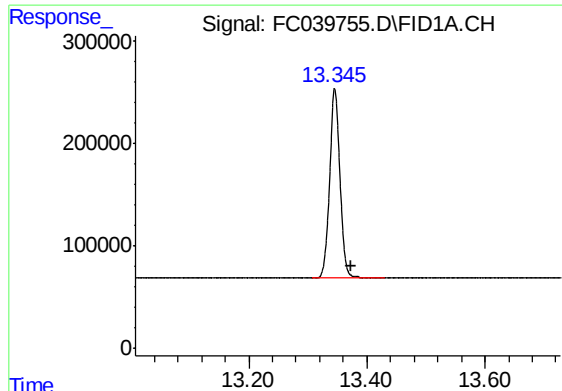
#11 n-Heneicosane (C21)

R.T.: 12.764 min
Delta R.T.: -0.027 min
Response: 2223592
Conc: 17.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.594 min
Delta R.T.: -0.028 min
Response: 2203950
Conc: 17.47 ug/ml



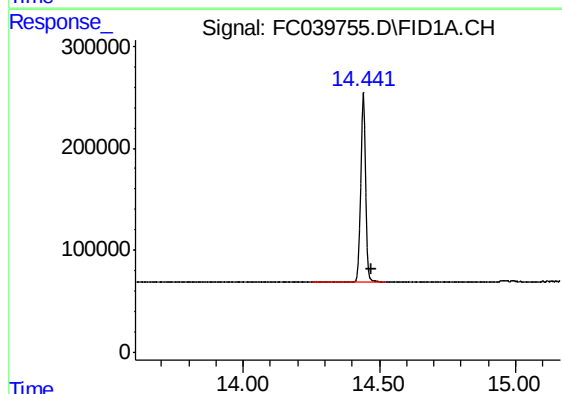
#13 n-Docosane (C22)

R.T.: 13.346 min
Delta R.T.: -0.028 min
Response: 2231694
Conc: 17.72 ug/ml

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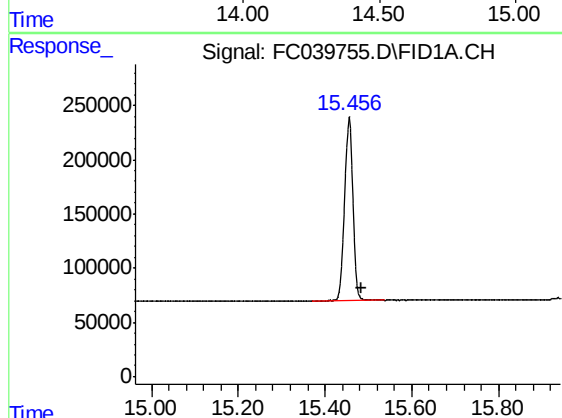
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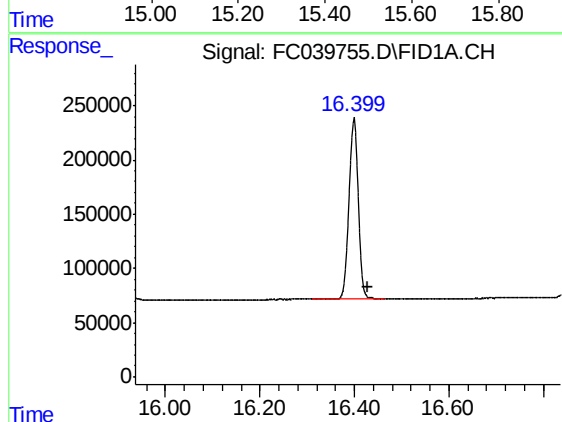
#14 n-Tetracosane (C24)

R.T.: 14.441 min
Delta R.T.: -0.029 min
Response: 2256227
Conc: 18.05 ug/ml



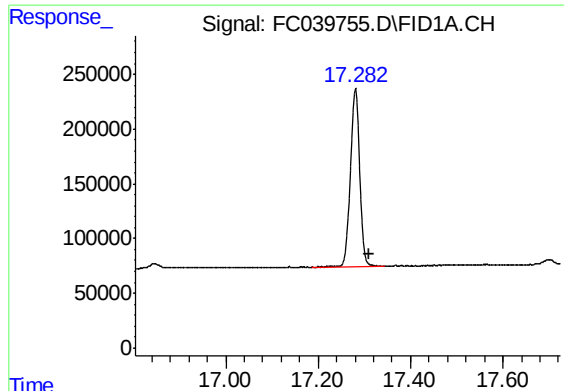
#15 n-Hexacosane (C26)

R.T.: 15.456 min
Delta R.T.: -0.029 min
Response: 2255326
Conc: 18.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.399 min
Delta R.T.: -0.030 min
Response: 2263817
Conc: 16.94 ug/ml



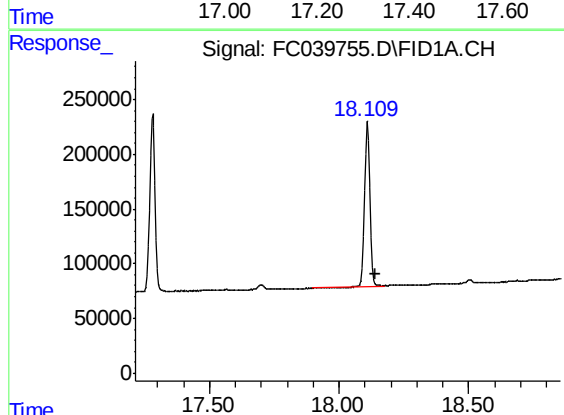
#17 n-Tricontane (C30)

R.T.: 17.281 min
Delta R.T.: -0.030 min
Response: 2232944
Conc: 15.22 ug/ml

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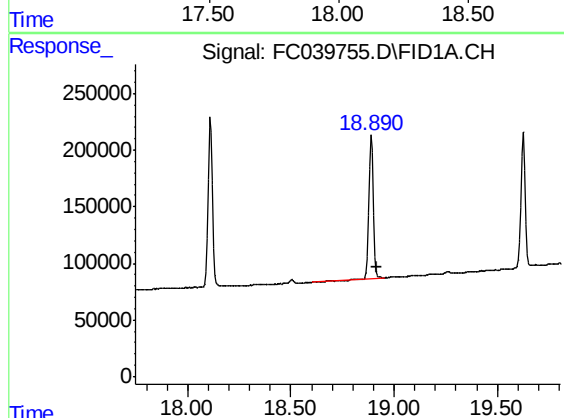
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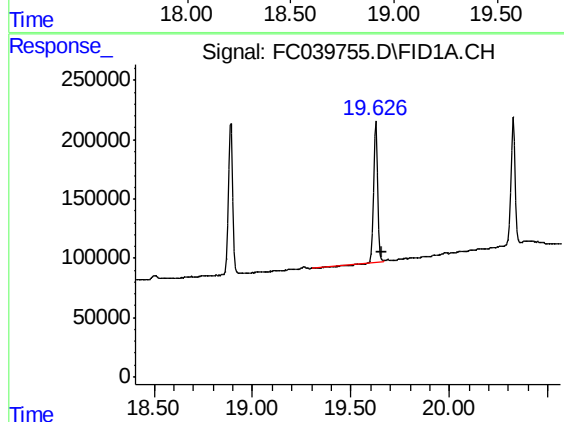
#18 n-Dotriacontane (C32)

R.T.: 18.110 min
Delta R.T.: -0.030 min
Response: 2130756
Conc: 15.86 ug/ml



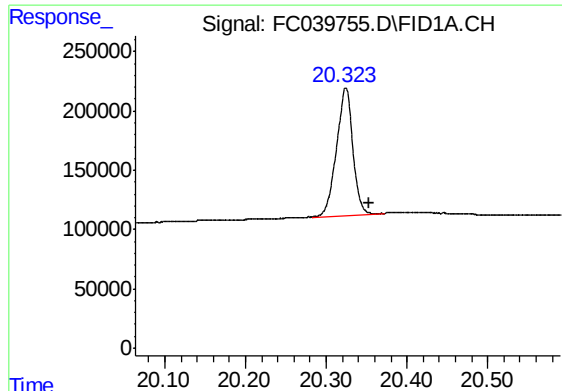
#19 n-Tetatriacontane (C34)

R.T.: 18.889 min
Delta R.T.: -0.030 min
Response: 1867277
Conc: 16.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.626 min
Delta R.T.: -0.029 min
Response: 1618557
Conc: 16.78 ug/ml



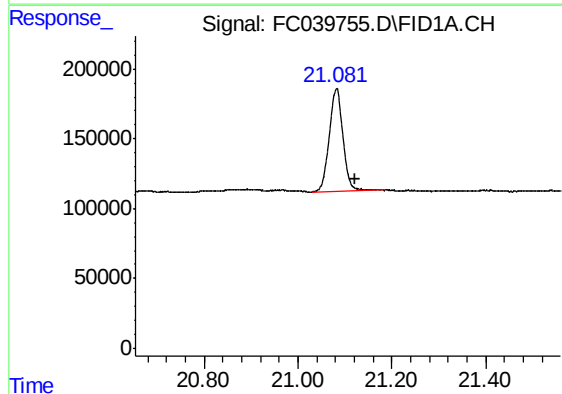
#21 n-Octatriacontane (C38)

R.T.: 20.323 min
Delta R.T.: -0.030 min
Response: 1509900
Conc: 16.44 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.081 min
Delta R.T.: -0.039 min
Response: 1504760
Conc: 16.58 ug/ml m