

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021419AL\
 Data File : FC039196.D
 Signal(s) : FID1A.CH
 Acq On : 15 Feb 2019 9:41
 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
 2/15/2019 2:01:32 PM

Integration File: autoint1.e
 Quant Time: Feb 15 10:09:12 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)	11.212	3226307	20.636 ug/ml
Spiked Amount 50.000		Recovery =	41.27%
12) S 1-chlorooctadecane (S...	12.657	2342440	19.866 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T n-Nonane (C9)	3.067	2227631	21.463 ug/ml
2) T n-Decane (C10)	4.119	2261105	21.936 ug/ml
3) T A~Naphthalene (C11.7)	5.674	2527144	22.521 ug/ml
4) T n-Dodecane (C12)	6.120	2336752	22.116 ug/ml
5) T A~2-methylnaphthalene...	6.722	2437986	21.925 ug/ml
6) T n-Tetradecane (C14)	7.900	2364591	21.715 ug/ml
7) T n-Hexadecane (C16)	9.488	2372116	21.090 ug/ml
8) T n-Octadecane (C18)	10.919	2357377	20.135 ug/ml
10) T n-Eicosane (C20)	12.219	2362044	19.834 ug/ml
11) T n-Heneicosane (C21)	12.827	2348431	19.955 ug/ml
13) T n-Docosane (C22)	13.411	2341998	19.870 ug/ml
14) T n-Tetracosane (C24)	14.507	2338878	19.833 ug/ml
15) T n-Hexacosane (C26)	15.523	2341311	20.137 ug/ml
16) T n-Octacosane (C28)	16.469	2406376	20.648 ug/ml
17) T n-Tricontane (C30)	17.350	2506023	21.592 ug/ml
18) T n-Dotriacontane (C32)	18.181	2467616	22.690 ug/mlm
19) T n-Tetratriacontane (C34)	18.959	2149795	23.212 ug/mlm
20) T n-Hexatriacontane (C36)	19.695	1811126	22.801 ug/mlm
21) T n-Octatriacontane (C38)	20.395	1745237	23.763 ug/mlm
22) T n-Tetracontane (C40)	21.175	1642602	22.014 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

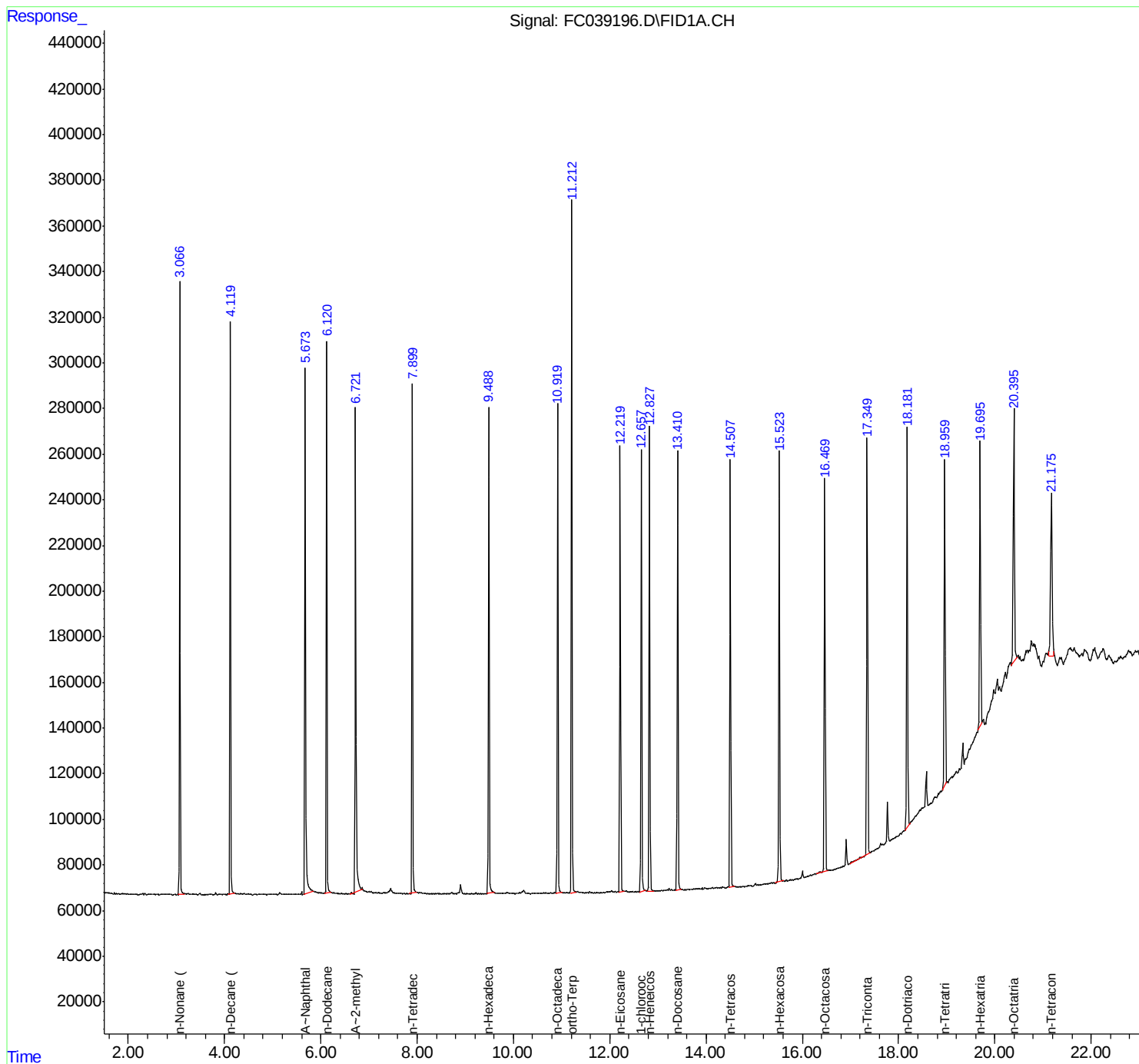
Instrument :
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20 PPM ALIPHATIC HC STD

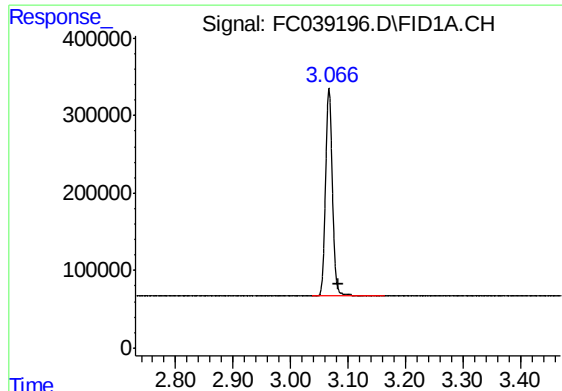
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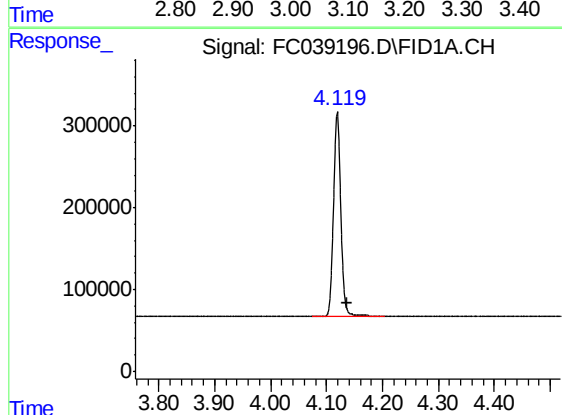
#1 n-Nonane (C9)

R.T.: 3.067 min
Delta R.T.: -0.016 min
Response: 2227631
Conc: 21.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

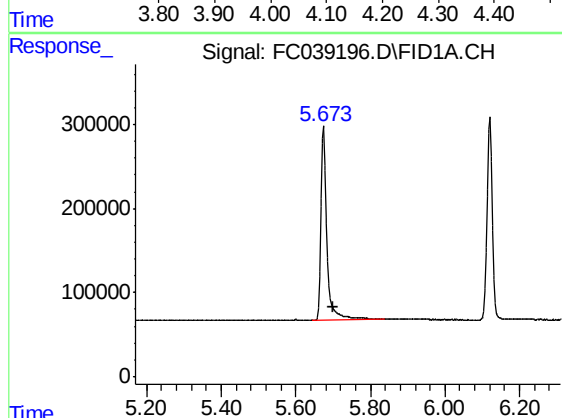
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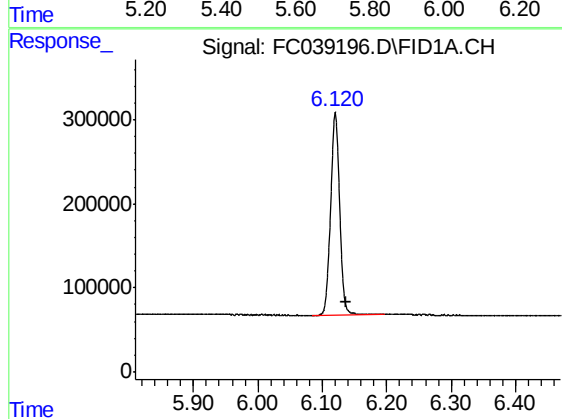
#2 n-Decane (C10)

R.T.: 4.119 min
Delta R.T.: -0.017 min
Response: 2261105
Conc: 21.94 ug/ml



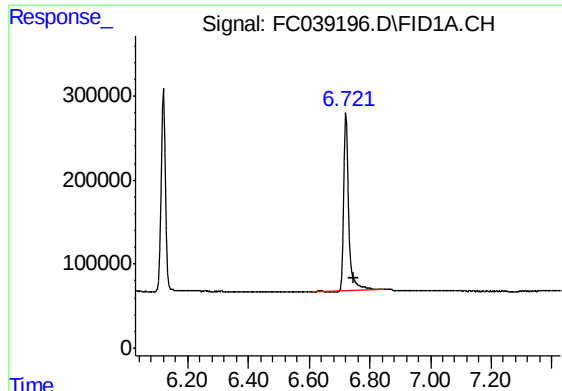
#3 A~Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.025 min
Response: 2527144
Conc: 22.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.120 min
Delta R.T.: -0.017 min
Response: 2336752
Conc: 22.12 ug/ml



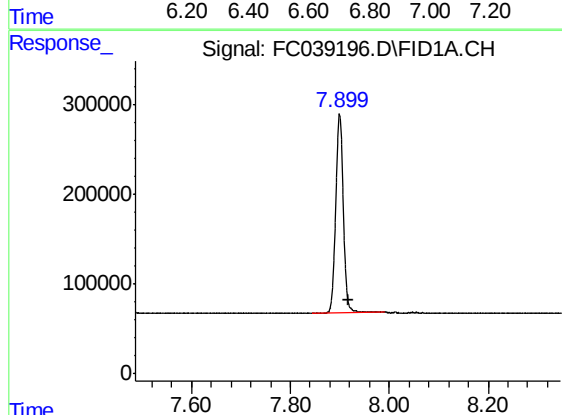
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.024 min
Response: 2437986
Conc: 21.92 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

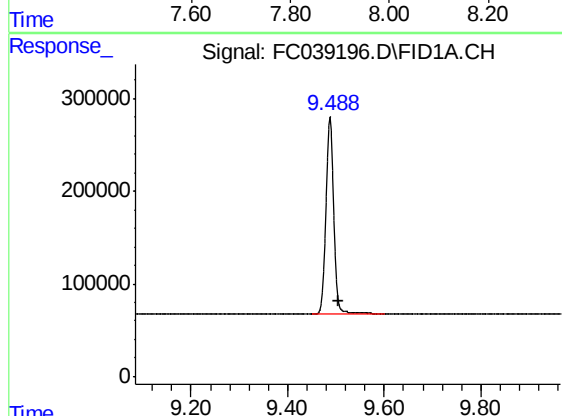
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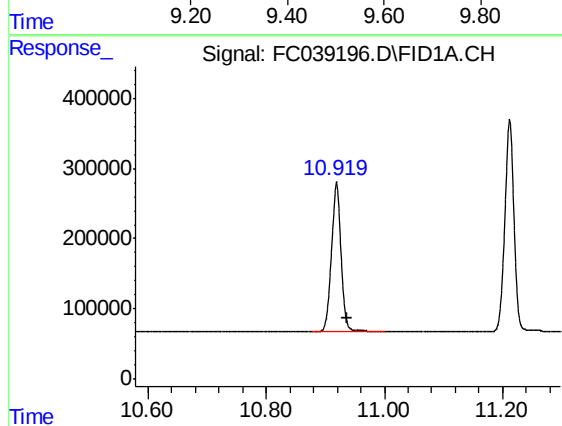
#6 n-Tetradecane (C14)

R.T.: 7.900 min
Delta R.T.: -0.017 min
Response: 2364591
Conc: 21.71 ug/ml



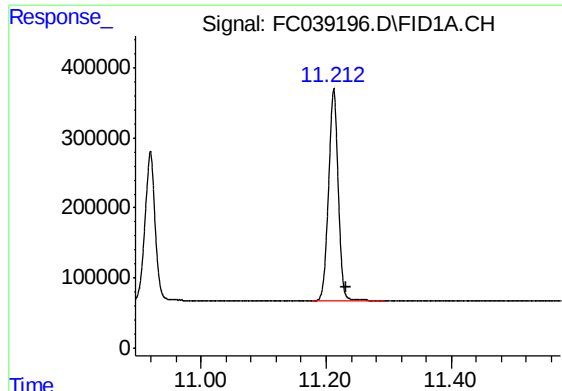
#7 n-Hexadecane (C16)

R.T.: 9.488 min
Delta R.T.: -0.017 min
Response: 2372116
Conc: 21.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.919 min
Delta R.T.: -0.017 min
Response: 2357377
Conc: 20.14 ug/ml



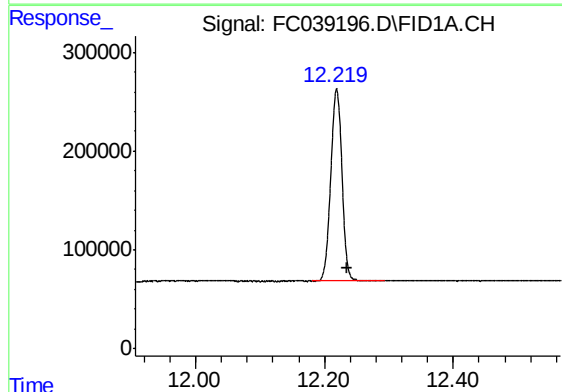
#9 ortho-Terphenyl (SURR)

R.T.: 11.212 min
Delta R.T.: -0.019 min
Response: 3226307
Conc: 20.64 ug/ml

Instrument :
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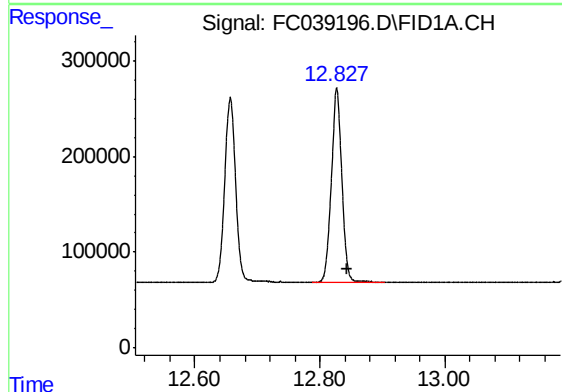
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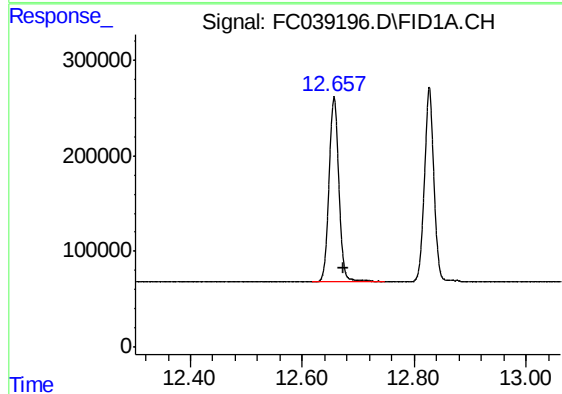
#10 n-Eicosane (C20)

R.T.: 12.219 min
Delta R.T.: -0.017 min
Response: 2362044
Conc: 19.83 ug/ml



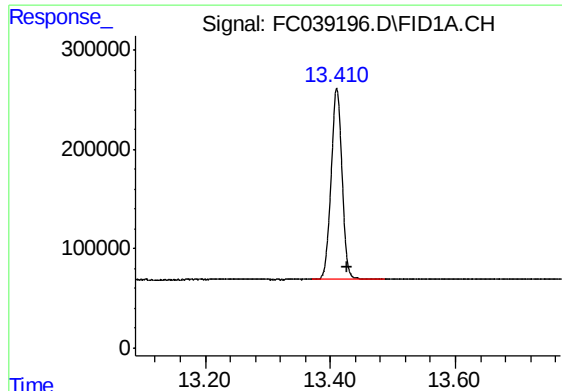
#11 n-Heneicosane (C21)

R.T.: 12.827 min
Delta R.T.: -0.017 min
Response: 2348431
Conc: 19.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.657 min
Delta R.T.: -0.017 min
Response: 2342440
Conc: 19.87 ug/ml



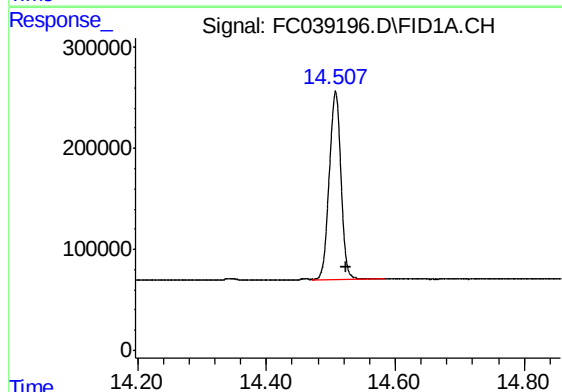
#13 n-Docosane (C22)

R.T.: 13.411 min
Delta R.T.: -0.016 min
Response: 2341998
Conc: 19.87 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

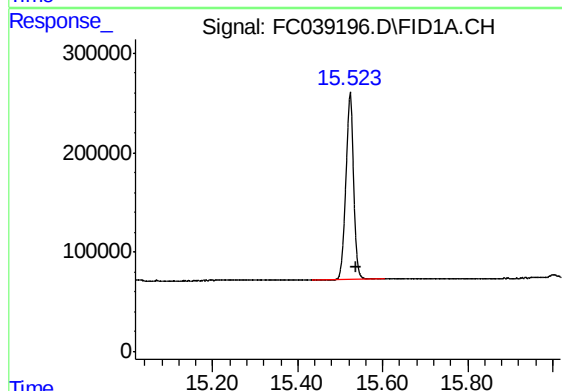
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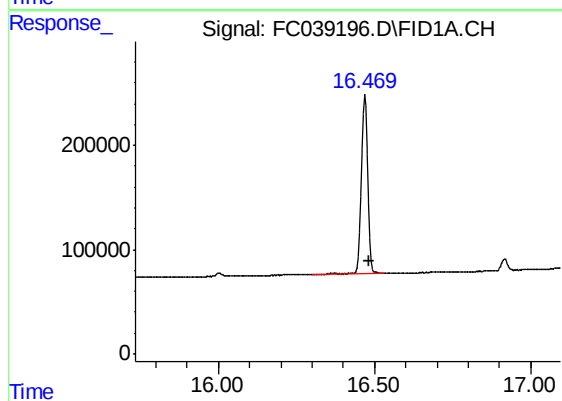
#14 n-Tetracosane (C24)

R.T.: 14.507 min
Delta R.T.: -0.017 min
Response: 2338878
Conc: 19.83 ug/ml



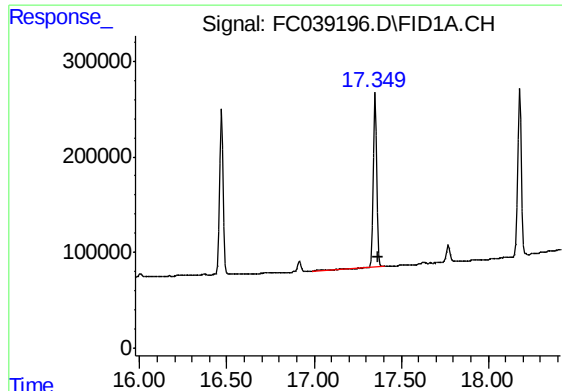
#15 n-Hexacosane (C26)

R.T.: 15.523 min
Delta R.T.: -0.016 min
Response: 2341311
Conc: 20.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.469 min
Delta R.T.: -0.014 min
Response: 2406376
Conc: 20.65 ug/ml



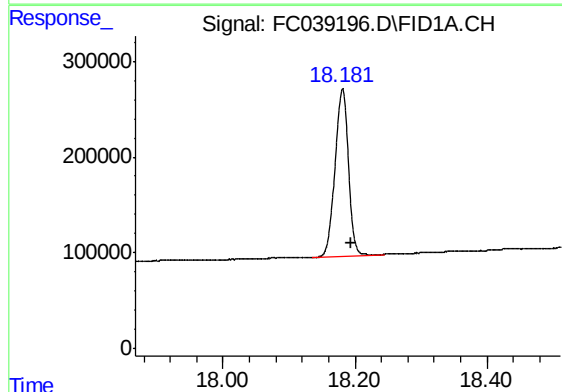
#17 n-Tricontane (C30)

R.T.: 17.350 min
Delta R.T.: -0.016 min
Response: 2506023
Conc: 21.59 ug/ml

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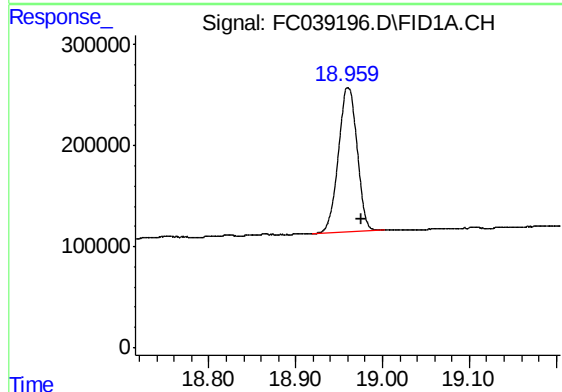
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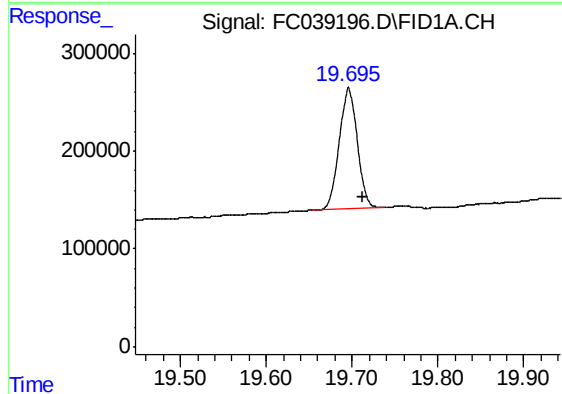
#18 n-Dotriacontane (C32)

R.T.: 18.181 min
Delta R.T.: -0.013 min
Response: 2467616
Conc: 22.69 ug/ml m



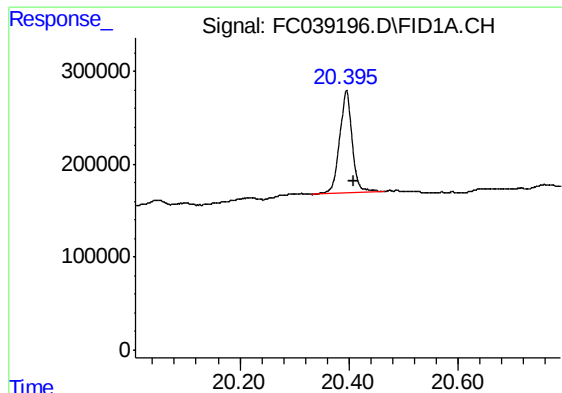
#19 n-Tetatriacontane (C34)

R.T.: 18.959 min
Delta R.T.: -0.016 min
Response: 2149795
Conc: 23.21 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.695 min
Delta R.T.: -0.017 min
Response: 1811126
Conc: 22.80 ug/ml m



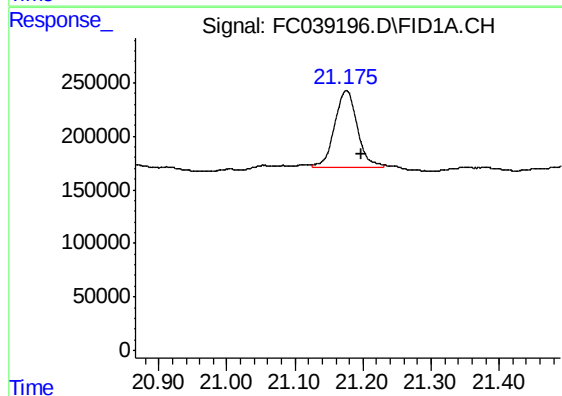
#21 n-Octatriacontane (C38)

R.T.: 20.395 min
Delta R.T.: -0.014 min
Response: 1745237
Conc: 23.76 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.175 min
Delta R.T.: -0.023 min
Response: 1642602
Conc: 22.01 ug/ml m