

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030519AL\
 Data File : FC039642.D
 Signal(s) : FID1A.CH
 Acq On : 06 Mar 2019 10:33
 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 4:37:43 PM

Integration File: autoint1.e
 Quant Time: Mar 06 11:00:30 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)	11.156	3008460	17.886 ug/ml
Spiked Amount 50.000		Recovery =	35.77%
12) S 1-chlorooctadecane (S...	12.602	2183370	17.309 ug/ml
Spiked Amount 50.000		Recovery =	34.62%
Target Compounds			
1) T n-Nonane (C9)	3.025	2001855	16.679 ug/ml
2) T n-Decane (C10)	4.074	2053367	17.044 ug/ml
3) T A~Naphthalene (C11.7)	5.624	2308519	17.741 ug/ml
4) T n-Dodecane (C12)	6.071	2130954	17.248 ug/ml
5) T A~2-methylnaphthalene...	6.670	2208414	17.029 ug/ml
6) T n-Tetradecane (C14)	7.850	2185336	17.158 ug/ml
7) T n-Hexadecane (C16)	9.436	2200557	16.981 ug/ml
8) T n-Octadecane (C18)	10.867	2205420	16.394 ug/ml
10) T n-Eicosane (C20)	12.166	2226434	17.074 ug/ml
11) T n-Heneicosane (C21)	12.773	2212077	17.442 ug/ml
13) T n-Docosane (C22)	13.357	2208398	17.532 ug/ml
14) T n-Tetracosane (C24)	14.452	2211217	17.692 ug/ml
15) T n-Hexacosane (C26)	15.466	2181507	17.489 ug/ml
16) T n-Octacosane (C28)	16.410	2192142	16.402 ug/ml
17) T n-Tricontane (C30)	17.293	2174933	14.820 ug/ml
18) T n-Dotriacontane (C32)	18.121	2071334	15.419 ug/ml
19) T n-Tetratriacontane (C34)	18.901	1819941	16.000 ug/mlm
20) T n-Hexatriacontane (C36)	19.639	1607221	16.664 ug/mlm
21) T n-Octatriacontane (C38)	20.333	1450770	15.801 ug/mlm
22) T n-Tetracontane (C40)	21.094	1538943	16.957 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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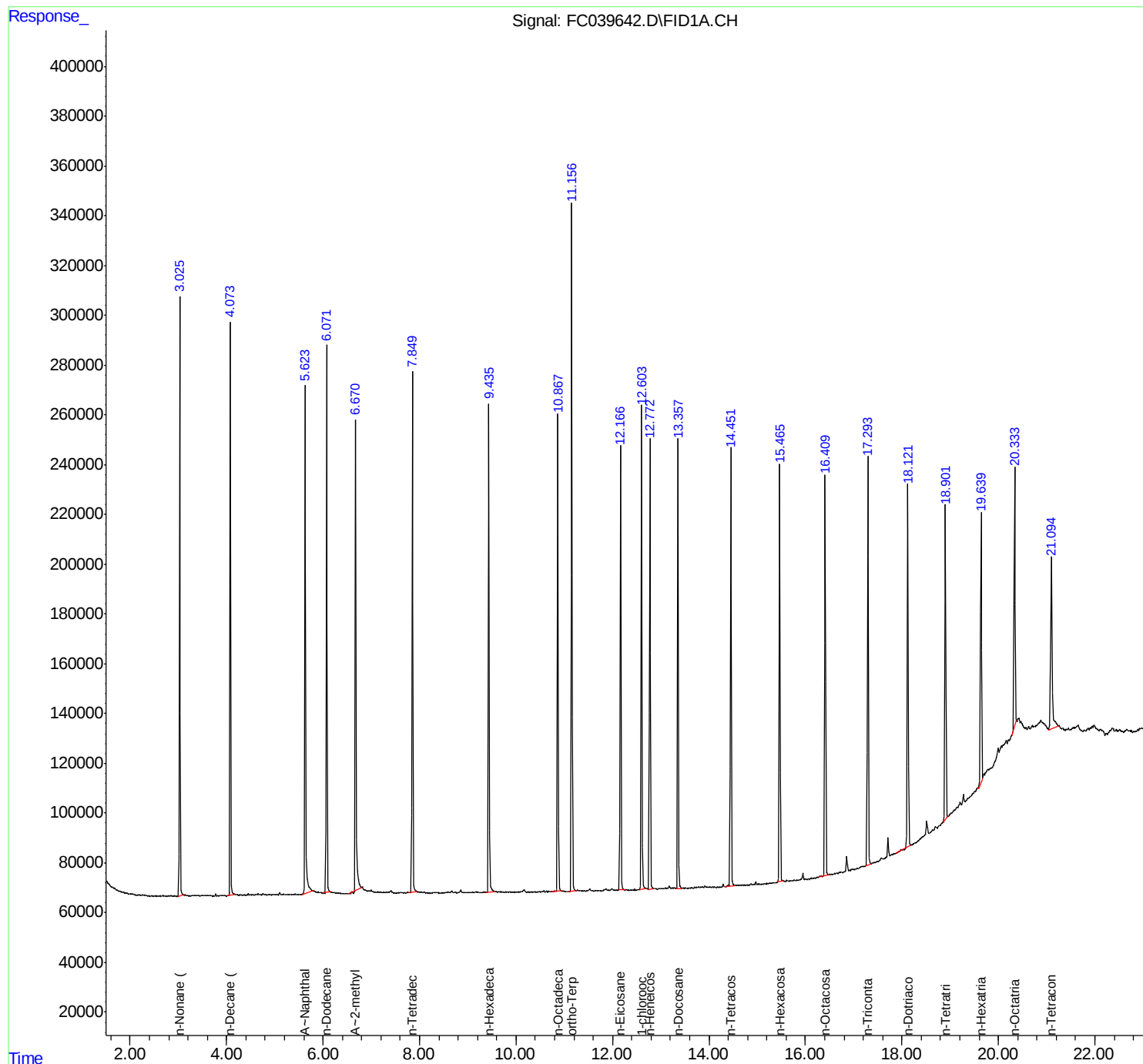
Instrument :
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20 PPM ALIPHATIC HC STD

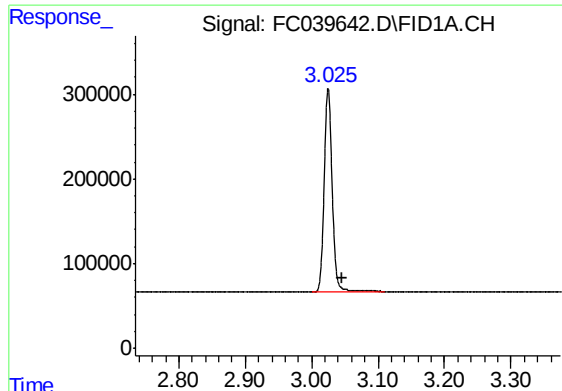
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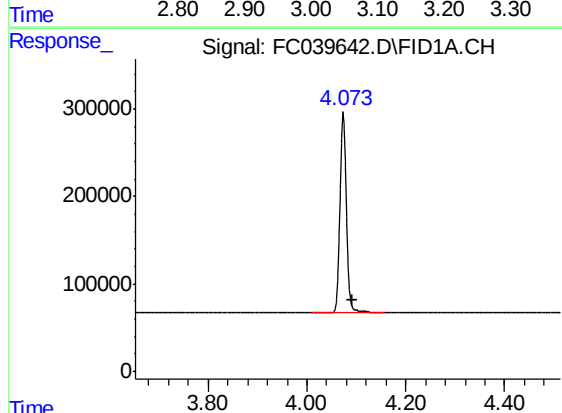
#1 n-Nonane (C9)

R.T.: 3.025 min
Delta R.T.: -0.020 min
Response: 2001855
Conc: 16.68 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

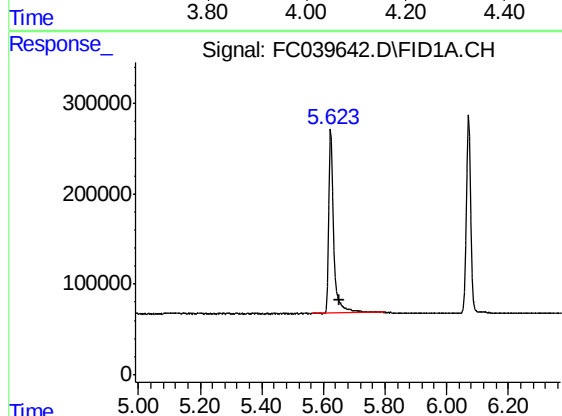
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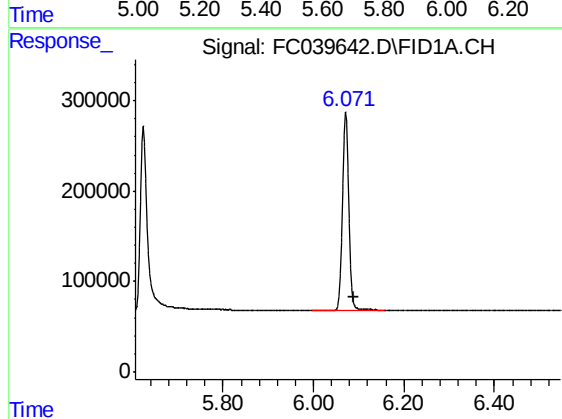
#2 n-Decane (C10)

R.T.: 4.074 min
Delta R.T.: -0.020 min
Response: 2053367
Conc: 17.04 ug/ml



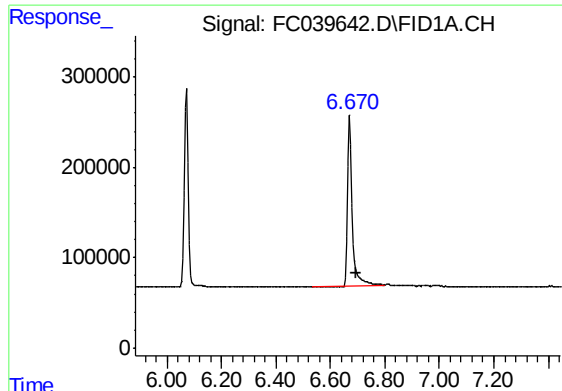
#3 A~Naphthalene (C11.7)

R.T.: 5.624 min
Delta R.T.: -0.027 min
Response: 2308519
Conc: 17.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.071 min
Delta R.T.: -0.019 min
Response: 2130954
Conc: 17.25 ug/ml



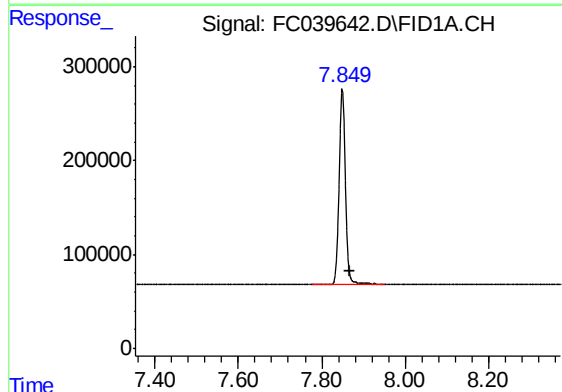
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.670 min
Delta R.T.: -0.027 min
Response: 2208414
Conc: 17.03 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

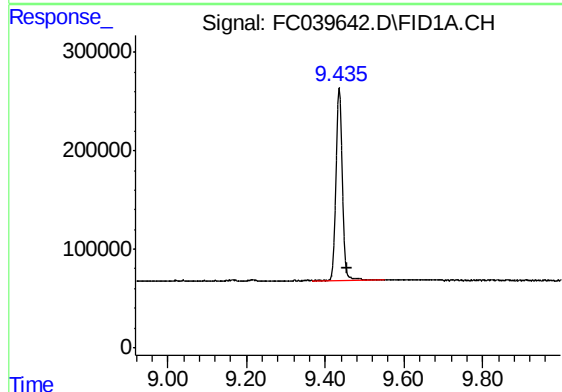
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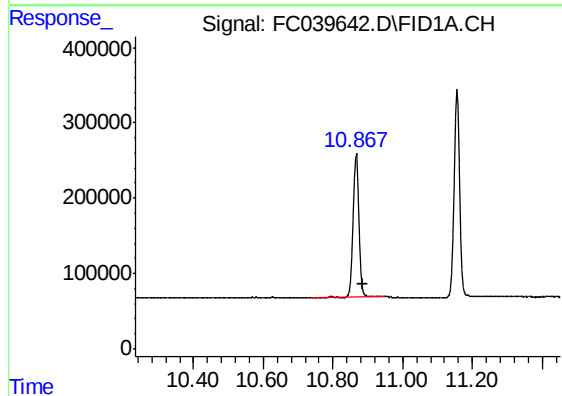
#6 n-Tetradecane (C14)

R.T.: 7.850 min
Delta R.T.: -0.018 min
Response: 2185336
Conc: 17.16 ug/ml



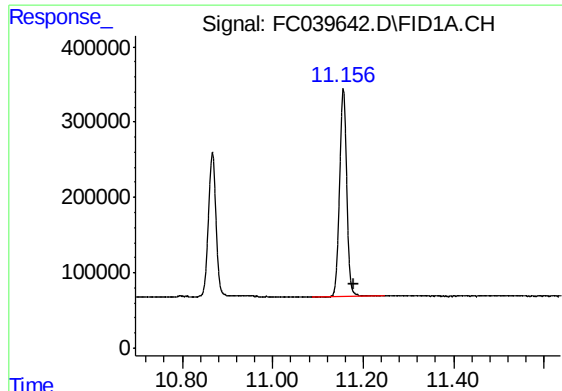
#7 n-Hexadecane (C16)

R.T.: 9.436 min
Delta R.T.: -0.019 min
Response: 2200557
Conc: 16.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.867 min
Delta R.T.: -0.018 min
Response: 2205420
Conc: 16.39 ug/ml



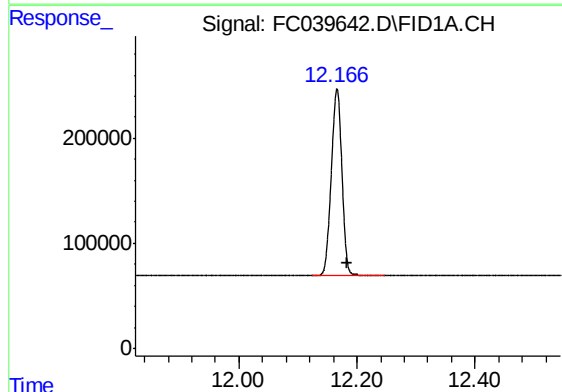
#9 ortho-Terphenyl (SURR)

R.T.: 11.156 min
Delta R.T.: -0.022 min
Response: 3008460
Conc: 17.89 ug/ml

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20 PPM ALIPHATIC HC STD

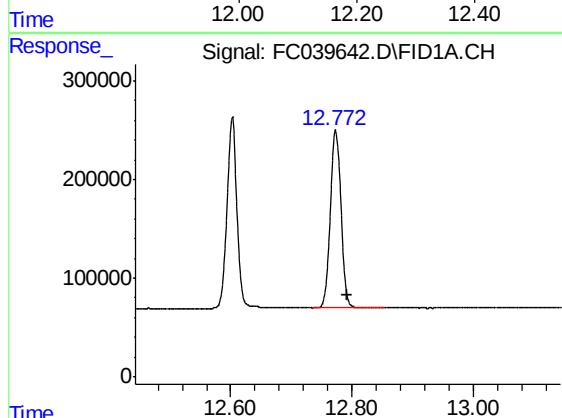
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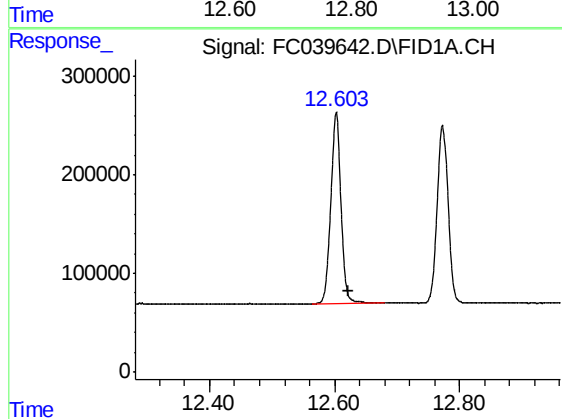
#10 n-Eicosane (C20)

R.T.: 12.166 min
Delta R.T.: -0.018 min
Response: 2226434
Conc: 17.07 ug/ml



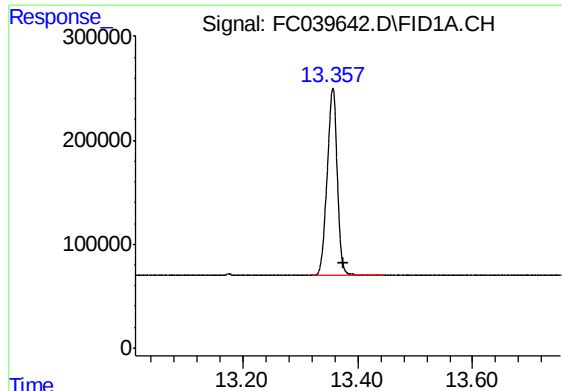
#11 n-Heneicosane (C21)

R.T.: 12.773 min
Delta R.T.: -0.018 min
Response: 2212077
Conc: 17.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.602 min
Delta R.T.: -0.019 min
Response: 2183370
Conc: 17.31 ug/ml



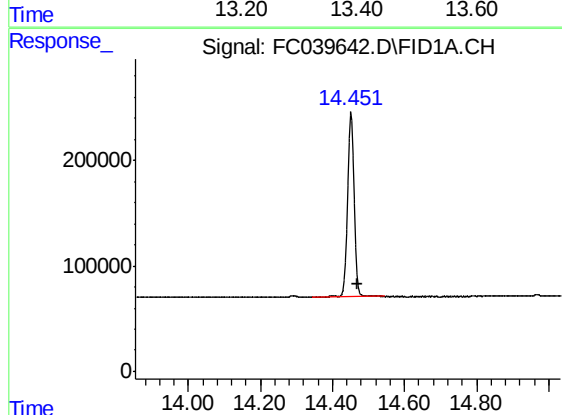
#13 n-Docosane (C22)

R.T.: 13.357 min
Delta R.T.: -0.018 min
Response: 2208398
Conc: 17.53 ug/ml

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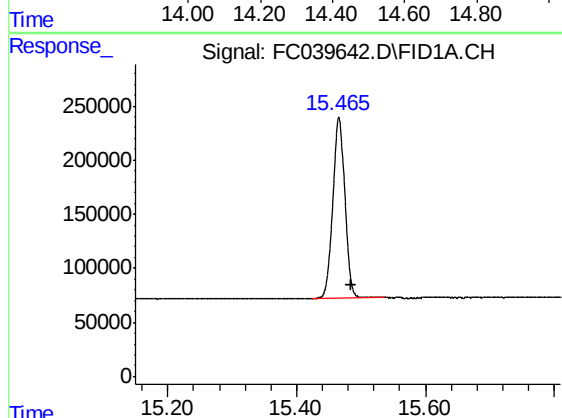
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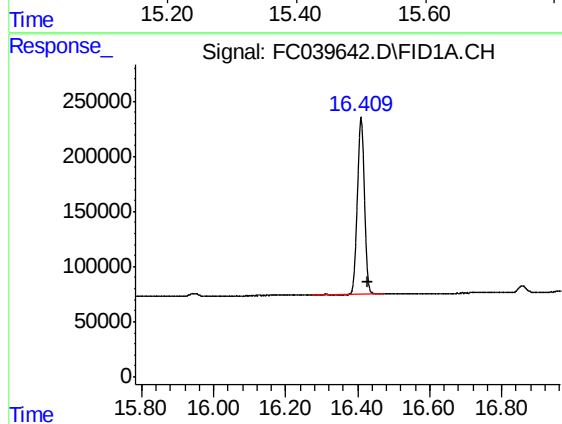
#14 n-Tetracosane (C24)

R.T.: 14.452 min
Delta R.T.: -0.018 min
Response: 2211217
Conc: 17.69 ug/ml



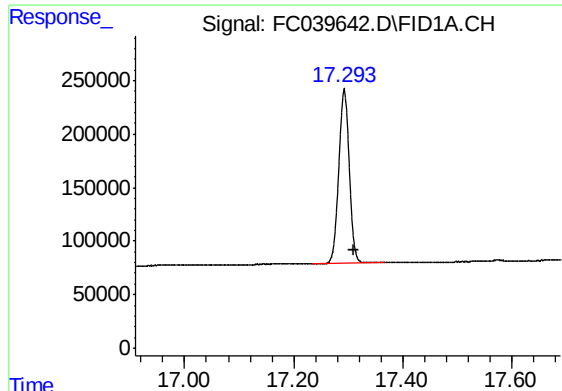
#15 n-Hexacosane (C26)

R.T.: 15.466 min
Delta R.T.: -0.019 min
Response: 2181507
Conc: 17.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.410 min
Delta R.T.: -0.019 min
Response: 2192142
Conc: 16.40 ug/ml



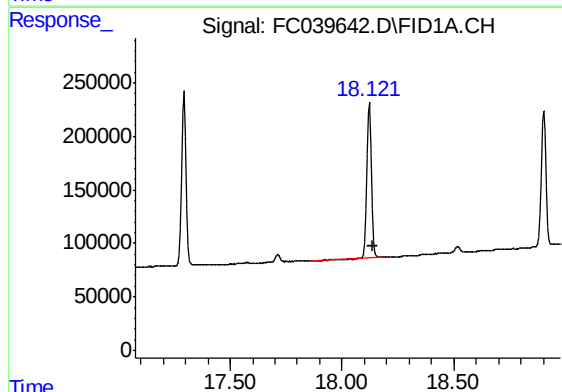
#17 n-Tricontane (C30)

R.T.: 17.293 min
Delta R.T.: -0.018 min
Response: 2174933
Conc: 14.82 ug/ml

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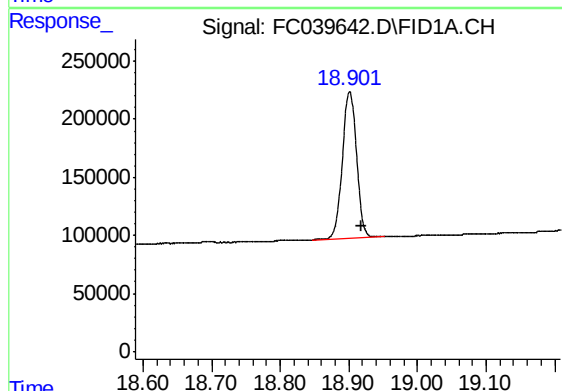
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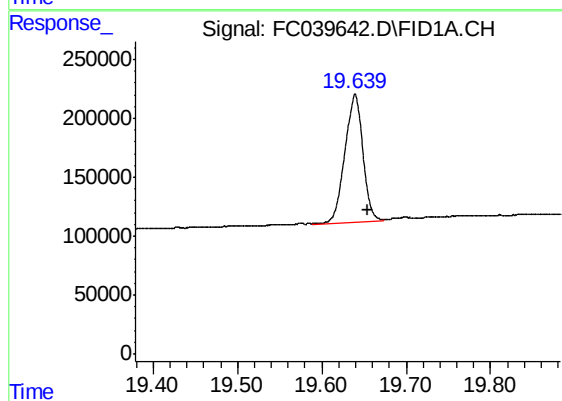
#18 n-Dotriacontane (C32)

R.T.: 18.121 min
Delta R.T.: -0.018 min
Response: 2071334
Conc: 15.42 ug/ml



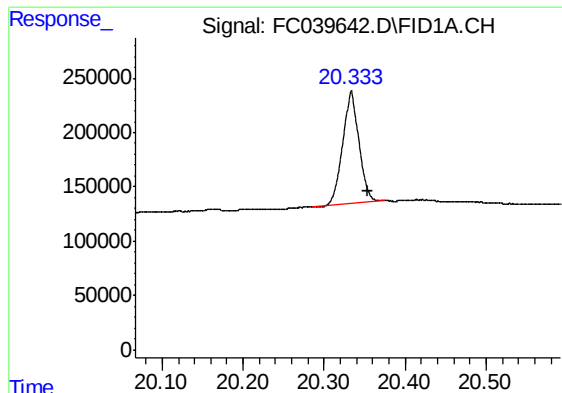
#19 n-Tetatriacontane (C34)

R.T.: 18.901 min
Delta R.T.: -0.018 min
Response: 1819941
Conc: 16.00 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.639 min
Delta R.T.: -0.016 min
Response: 1607221
Conc: 16.66 ug/ml m



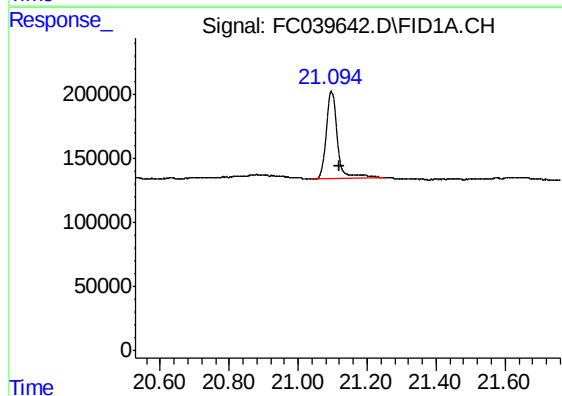
#21 n-Octatriacontane (C38)

R.T.: 20.333 min
Delta R.T.: -0.020 min
Response: 1450770
Conc: 15.80 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.094 min
Delta R.T.: -0.026 min
Response: 1538943
Conc: 16.96 ug/ml m