

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC021319AL\
 Data File : FC039176.D
 Signal(s) : FID1A.CH
 Acq On : 14 Feb 2019 13:49
 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 1:56:50 PM

Integration File: autoint1.e
 Quant Time: Feb 14 14:35:39 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)	11.216	3340819	21.368 ug/ml
Spiked Amount 50.000		Recovery =	42.74%
12) S 1-chlorooctadecane (S...	12.661	2409231	20.432 ug/ml
Spiked Amount 50.000		Recovery =	40.86%
Target Compounds			
1) T n-Nonane (C9)	3.072	2280970	21.976 ug/ml
2) T n-Decane (C10)	4.124	2312847	22.438 ug/ml
3) T A-Naphthalene (C11.7)	5.680	2599626	23.167 ug/ml
4) T n-Dodecane (C12)	6.125	2373050	22.460 ug/ml
5) T A~2-methylnaphthalene...	6.728	2645153	23.788 ug/ml
6) T n-Tetradecane (C14)	7.905	2406815	22.102 ug/ml
7) T n-Hexadecane (C16)	9.492	2415203	21.473 ug/ml
8) T n-Octadecane (C18)	10.923	2416450	20.640 ug/ml
10) T n-Eicosane (C20)	12.223	2414310	20.273 ug/ml
11) T n-Heneicosane (C21)	12.831	2387939	20.291 ug/ml
13) T n-Docosane (C22)	13.413	2393495	20.307 ug/ml
14) T n-Tetracosane (C24)	14.510	2407250	20.413 ug/ml
15) T n-Hexacosane (C26)	15.525	2383168	20.497 ug/ml
16) T n-Octacosane (C28)	16.470	2412010	20.696 ug/ml
17) T n-Tricontane (C30)	17.354	2429013	20.929 ug/ml
18) T n-Dotriacontane (C32)	18.183	2417302	22.228 ug/mlm
19) T n-Tetratriacontane (C34)	18.963	2073401	22.387 ug/mlm
20) T n-Hexatriacontane (C36)	19.699	1755649	22.103 ug/mlm
21) T n-Octatriacontane (C38)	20.396	1620857	22.070 ug/ml
22) T n-Tetracontane (C40)	21.178	1487891	19.941 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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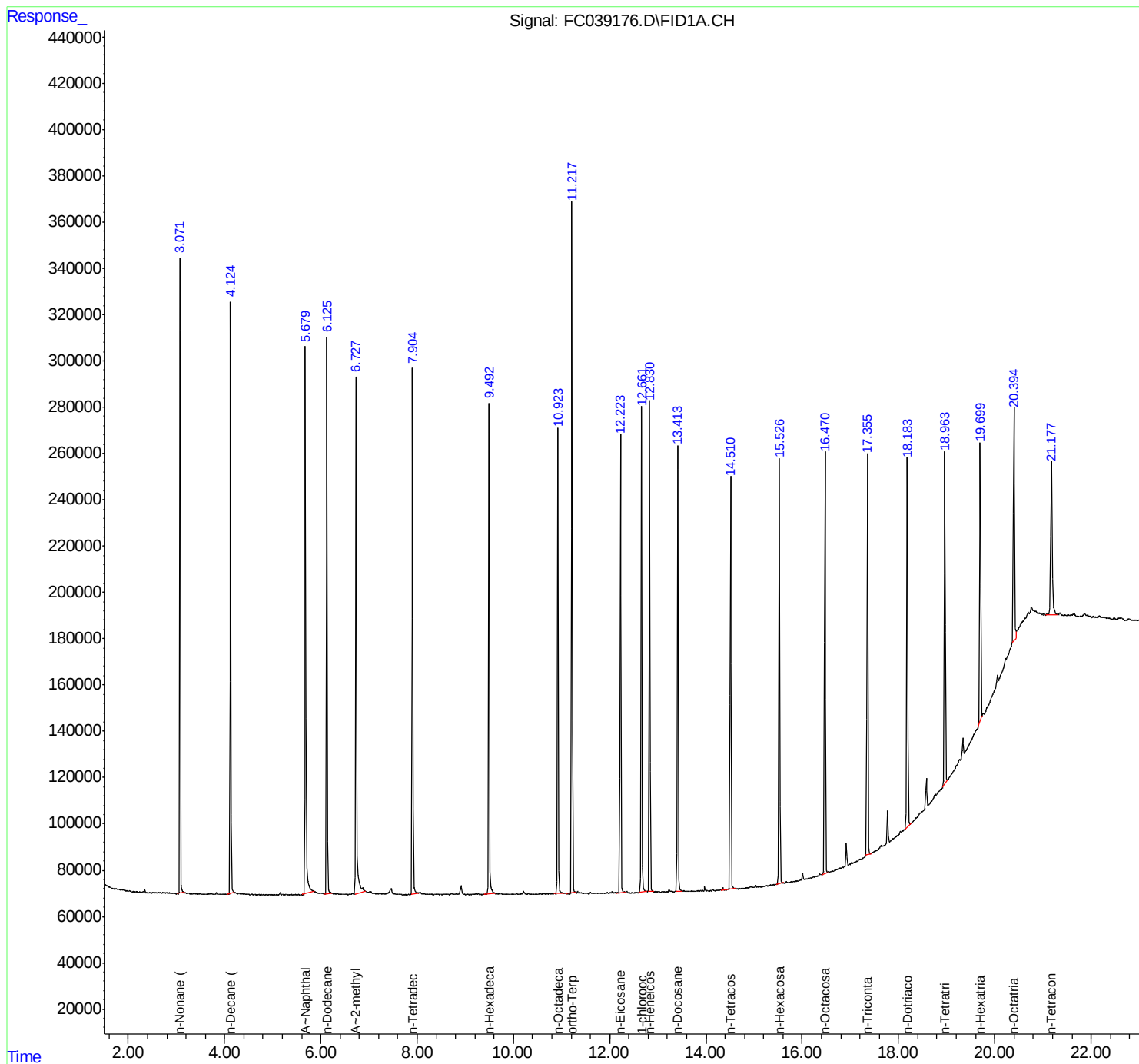
Instrument :
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20 PPM ALIPHATIC HC STD

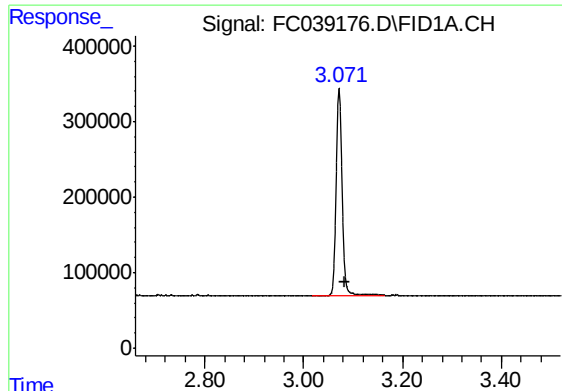
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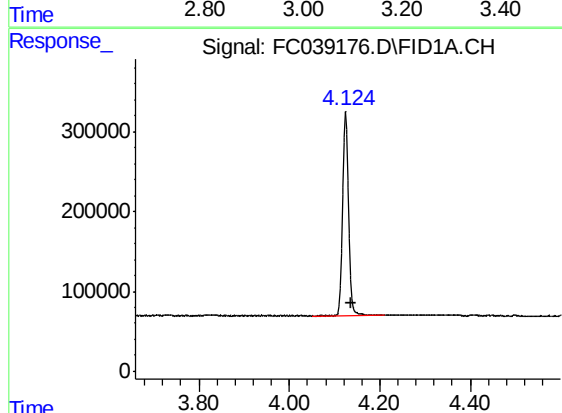
#1 n-Nonane (C9)

R.T.: 3.072 min
Delta R.T.: -0.011 min
Response: 2280970
Conc: 21.98 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

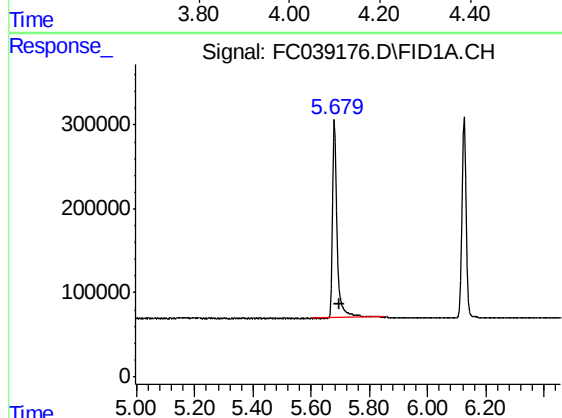
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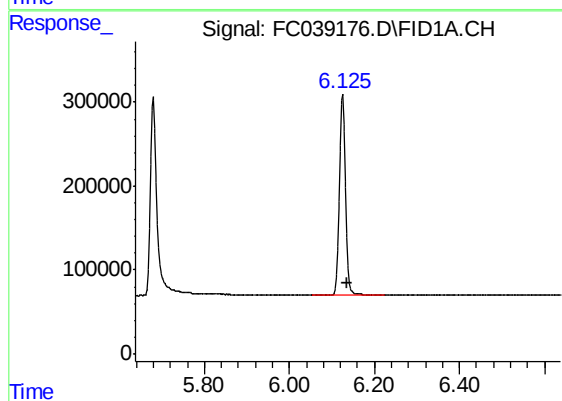
#2 n-Decane (C10)

R.T.: 4.124 min
Delta R.T.: -0.012 min
Response: 2312847
Conc: 22.44 ug/ml



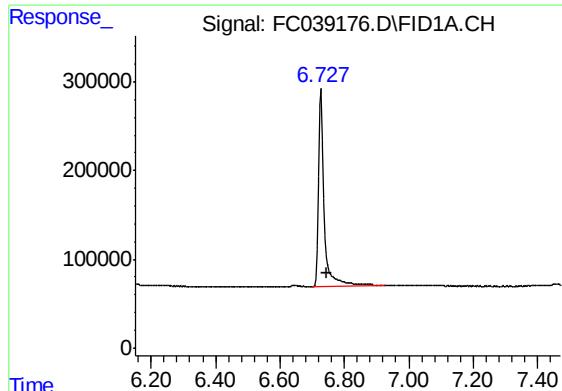
#3 A~Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.019 min
Response: 2599626
Conc: 23.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.125 min
Delta R.T.: -0.012 min
Response: 2373050
Conc: 22.46 ug/ml



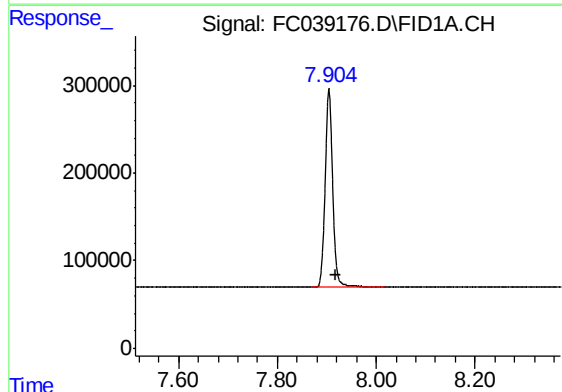
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.728 min
Delta R.T.: -0.018 min
Response: 2645153
Conc: 23.79 ug/ml

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20 PPM ALIPHATIC HC STD

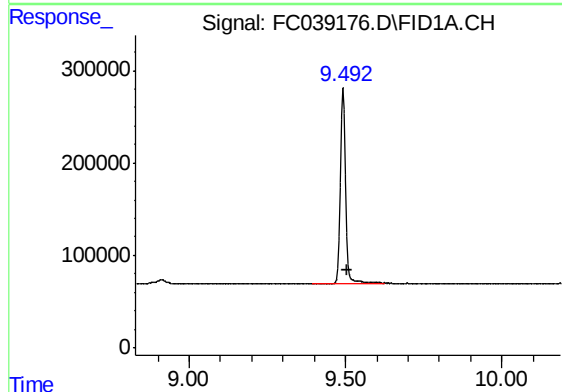
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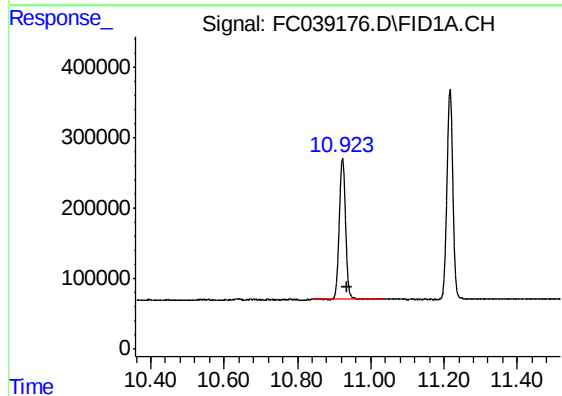
#6 n-Tetradecane (C14)

R.T.: 7.905 min
Delta R.T.: -0.012 min
Response: 2406815
Conc: 22.10 ug/ml



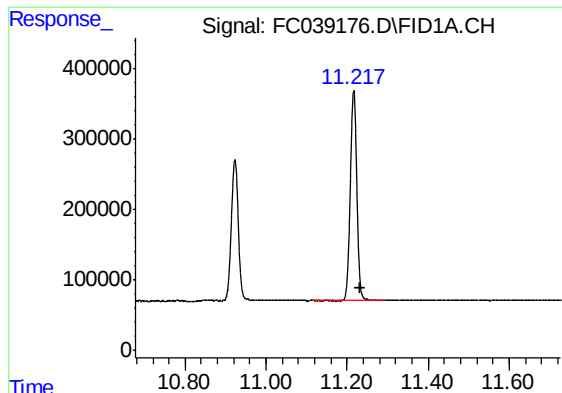
#7 n-Hexadecane (C16)

R.T.: 9.492 min
Delta R.T.: -0.013 min
Response: 2415203
Conc: 21.47 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.923 min
Delta R.T.: -0.013 min
Response: 2416450
Conc: 20.64 ug/ml



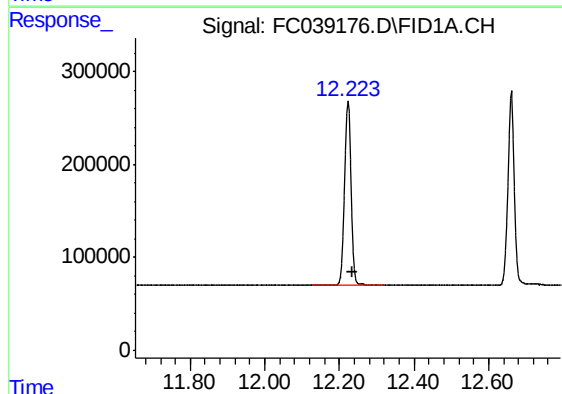
#9 ortho-Terphenyl (SURR)

R.T.: 11.216 min
Delta R.T.: -0.015 min
Response: 3340819
Conc: 21.37 ug/ml

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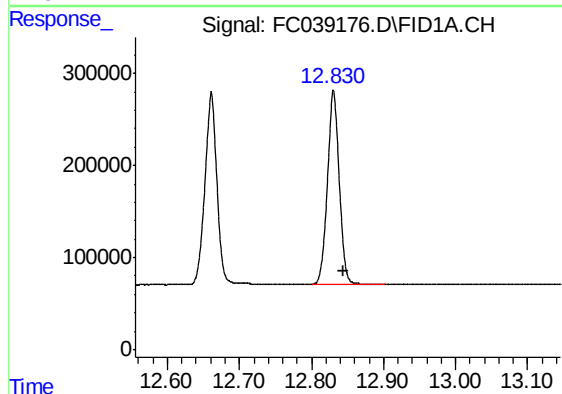
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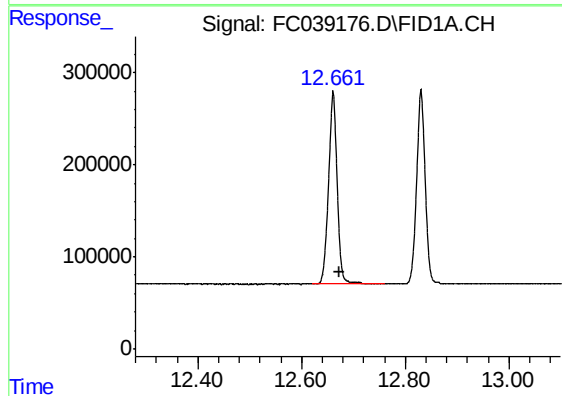
#10 n-Eicosane (C20)

R.T.: 12.223 min
Delta R.T.: -0.013 min
Response: 2414310
Conc: 20.27 ug/ml



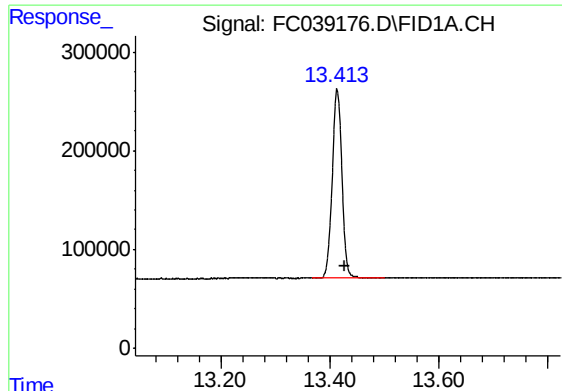
#11 n-Heneicosane (C21)

R.T.: 12.831 min
Delta R.T.: -0.013 min
Response: 2387939
Conc: 20.29 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.661 min
Delta R.T.: -0.013 min
Response: 2409231
Conc: 20.43 ug/ml



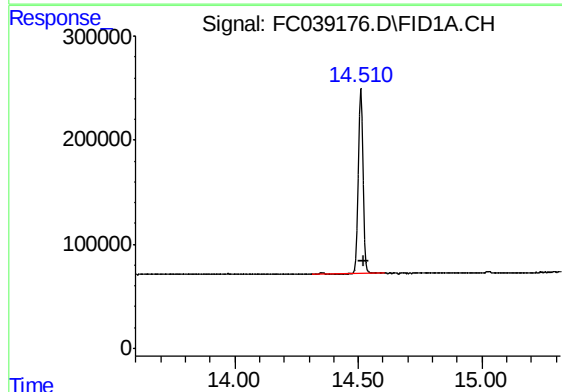
#13 n-Docosane (C22)

R.T.: 13.413 min
Delta R.T.: -0.014 min
Response: 2393495
Conc: 20.31 ug/ml

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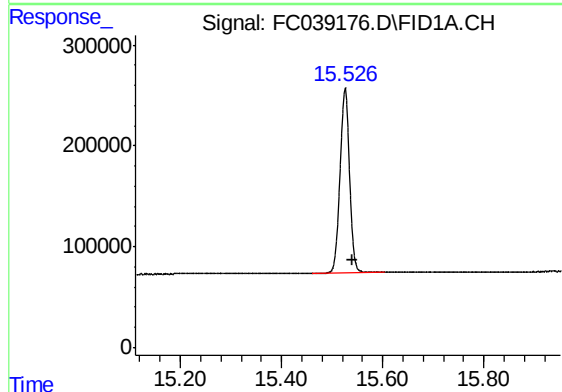
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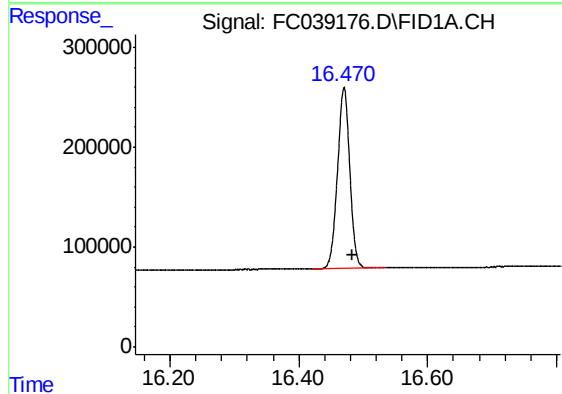
#14 n-Tetracosane (C24)

R.T.: 14.510 min
Delta R.T.: -0.014 min
Response: 2407250
Conc: 20.41 ug/ml



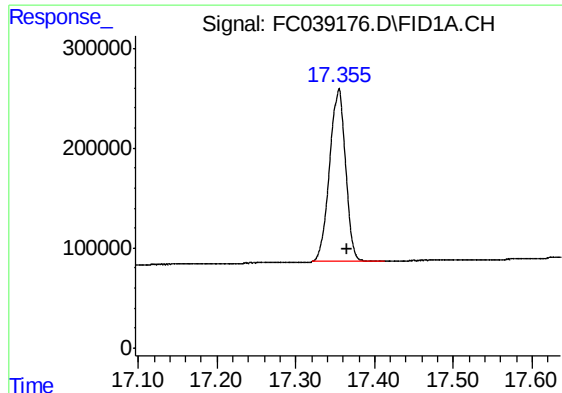
#15 n-Hexacosane (C26)

R.T.: 15.525 min
Delta R.T.: -0.014 min
Response: 2383168
Conc: 20.50 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.470 min
Delta R.T.: -0.013 min
Response: 2412010
Conc: 20.70 ug/ml



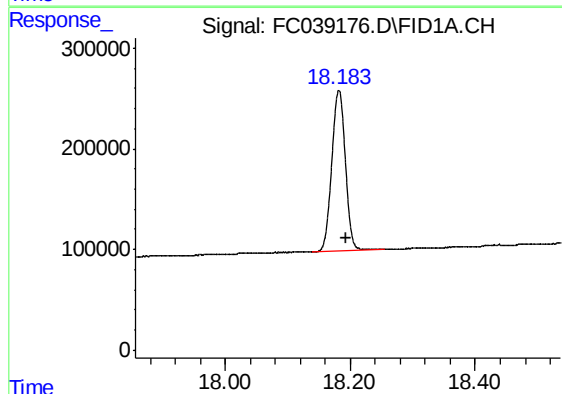
#17 n-Tricontane (C30)

R.T.: 17.354 min
Delta R.T.: -0.012 min
Response: 2429013
Conc: 20.93 ug/ml

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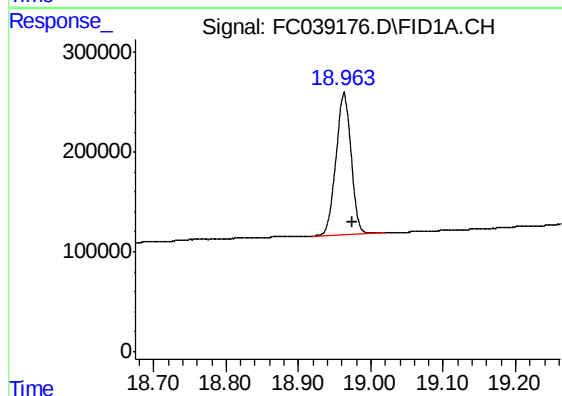
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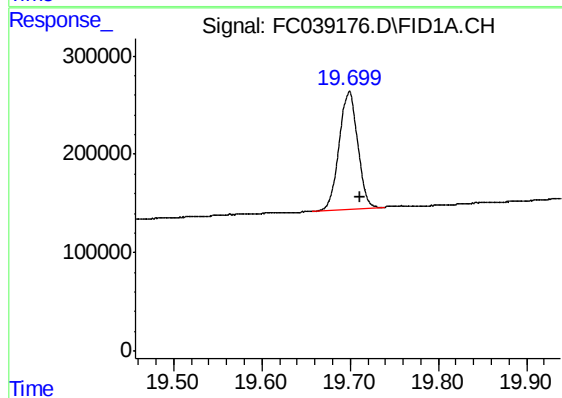
#18 n-Dotriacontane (C32)

R.T.: 18.183 min
Delta R.T.: -0.011 min
Response: 2417302
Conc: 22.23 ug/ml m



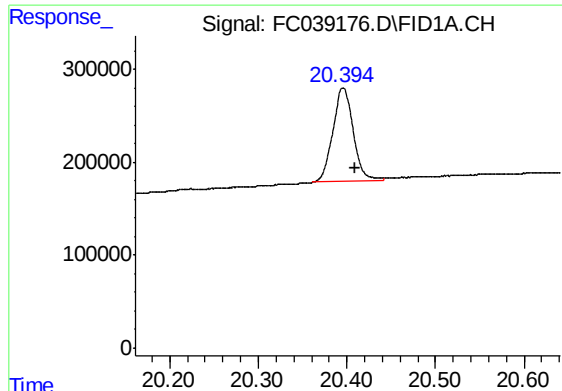
#19 n-Tetatriacontane (C34)

R.T.: 18.963 min
Delta R.T.: -0.012 min
Response: 2073401
Conc: 22.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.699 min
Delta R.T.: -0.013 min
Response: 1755649
Conc: 22.10 ug/ml m



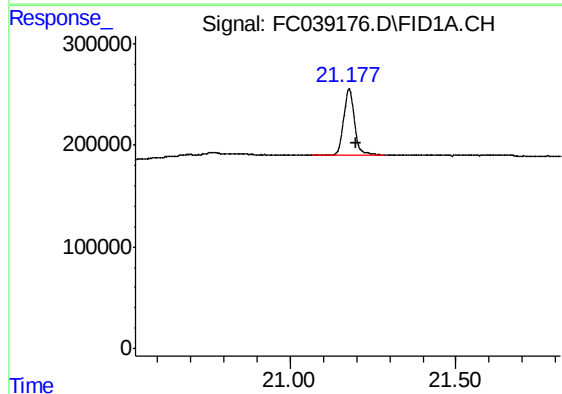
#21 n-Octatriacontane (C38)

R.T.: 20.396 min
Delta R.T.: -0.013 min
Response: 1620857
Conc: 22.07 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.178 min
Delta R.T.: -0.020 min
Response: 1487891
Conc: 19.94 ug/ml