

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091120AL\
 Data File : FC049538.D
 Signal(s) : FID1A.CH
 Acq On : 11 Sep 2020 9:32
 Operator : DD\AJ
 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

Ankita
 9/14/2020 10:54:25 AM

Integration File: sample.E
 Quant Time: Sep 12 00:48:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 2020
 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)	11.664	2449363	21.318 ug/ml
Spiked Amount 50.000		Recovery =	42.64%
12) S 1-chlorooctadecane (S...	13.097	1903017	21.365 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
Target Compounds			
1) T n-Nonane (C9)	3.403	2246242	21.713 ug/ml
2) T n-Decane (C10)	4.475	2277767	21.930 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2516520	21.887 ug/ml
4) T n-Dodecane (C12)	6.500	2313196	21.883 ug/ml
5) T A~2-methylnaphthalene...	7.131	2555081	21.854 ug/ml
6) T n-Tetradecane (C14)	8.297	2286243	21.671 ug/ml
7) T n-Hexadecane (C16)	9.899	2236007	21.486 ug/ml
8) T n-Octadecane (C18)	11.342	2308972	21.485 ug/ml
10) T n-Eicosane (C20)	12.652	2297003	21.451 ug/ml
11) T n-Heneicosane (C21)	13.263	2274929	21.377 ug/ml
13) T n-Docosane (C22)	13.849	2260354	21.360 ug/ml
14) T n-Tetracosane (C24)	14.950	2260967	21.607 ug/mlm
15) T n-Hexacosane (C26)	15.970	2161243	21.142 ug/mlm
16) T n-Octacosane (C28)	16.920	2142212	21.316 ug/ml
17) T n-Tricontane (C30)	17.806	2084418	21.408 ug/ml
18) T n-Dotriacontane (C32)	18.637	1934725	21.411 ug/ml
19) T n-Tetratriacontane (C34)	19.420	1825696	21.327 ug/ml
20) T n-Hexatriacontane (C36)	20.155	1731463	21.491 ug/ml
21) T n-Octatriacontane (C38)	20.906	1642638	21.698 ug/ml
22) T n-Tetracontane (C40)	21.851	1678551	21.572 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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

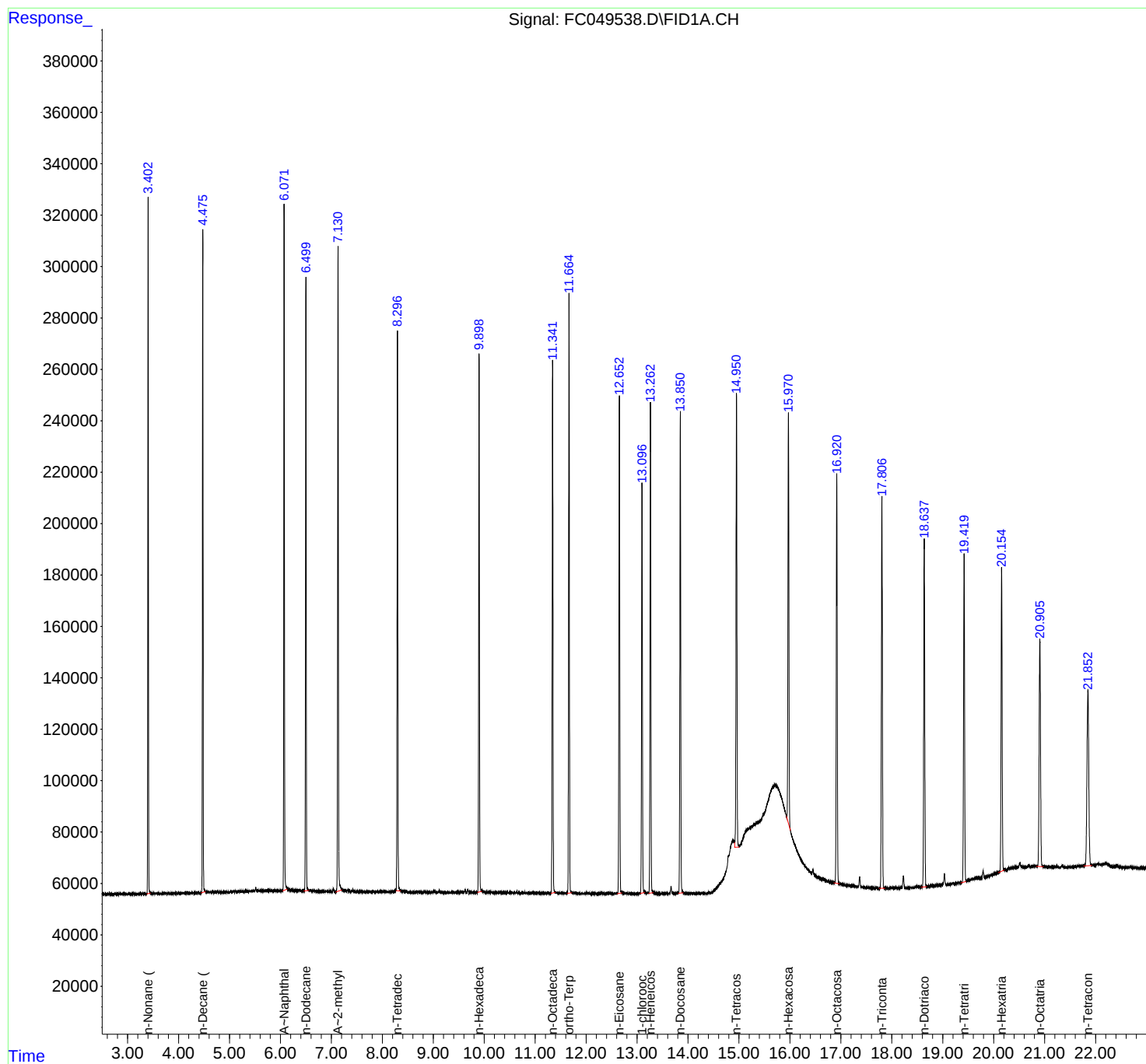
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

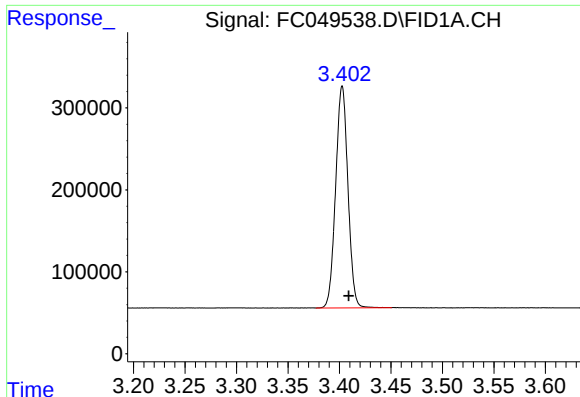
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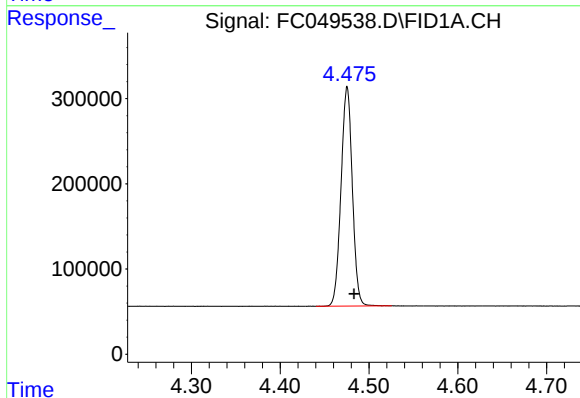
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.006 min
Response: 2246242
Conc: 21.71 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

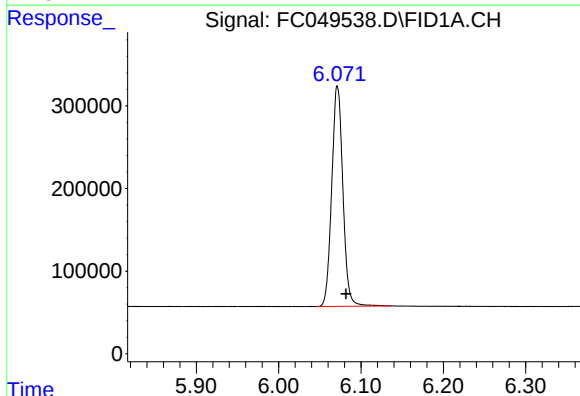
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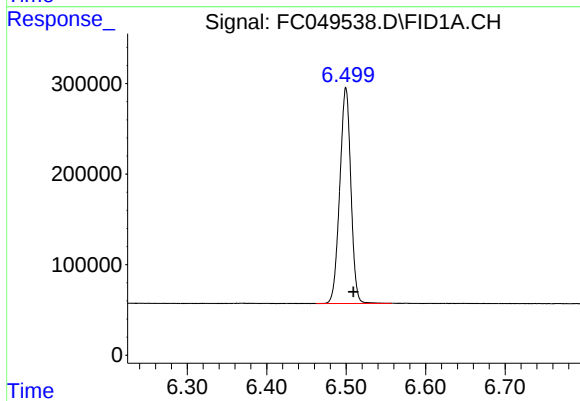
#2 n-Decane (C10)

R.T.: 4.475 min
Delta R.T.: -0.008 min
Response: 2277767
Conc: 21.93 ug/ml



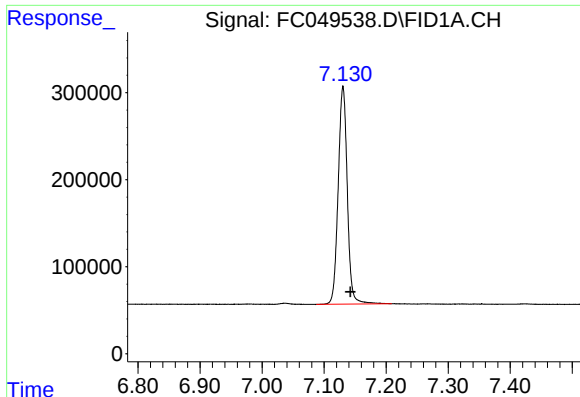
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.010 min
Response: 2516520
Conc: 21.89 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.500 min
Delta R.T.: -0.009 min
Response: 2313196
Conc: 21.88 ug/ml



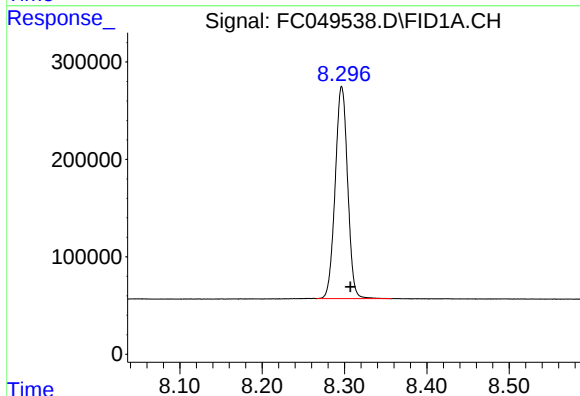
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: -0.012 min
Response: 2555081
Conc: 21.85 ug/ml

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20 PPM ALIPHATIC HC STD

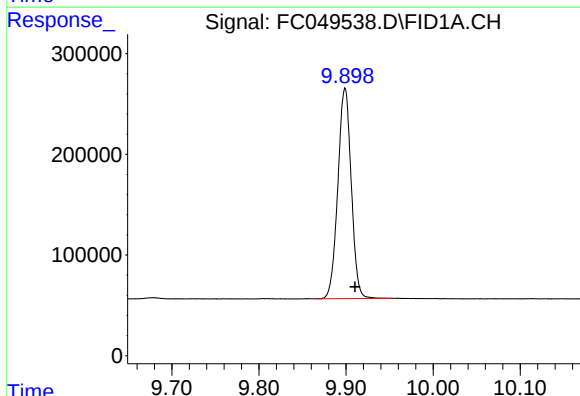
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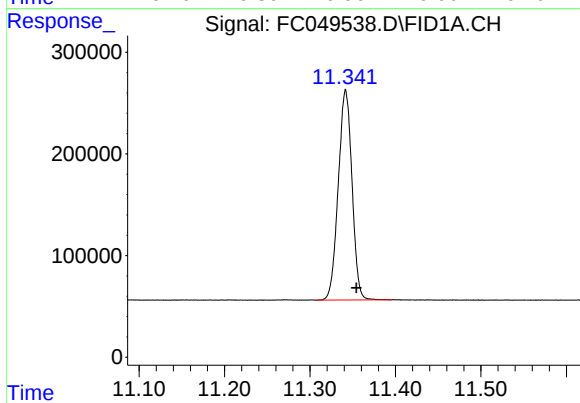
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: -0.011 min
Response: 2286243
Conc: 21.67 ug/ml



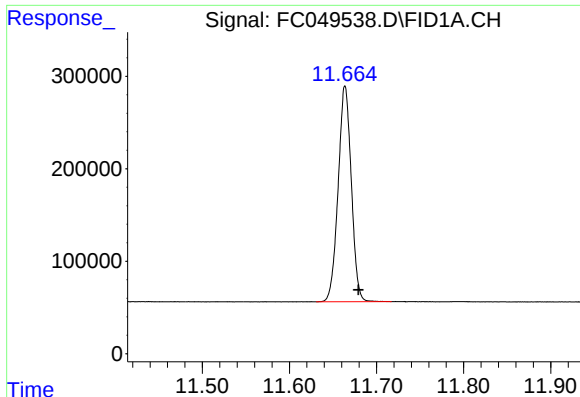
#7 n-Hexadecane (C16)

R.T.: 9.899 min
Delta R.T.: -0.011 min
Response: 2236007
Conc: 21.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.342 min
Delta R.T.: -0.013 min
Response: 2308972
Conc: 21.48 ug/ml



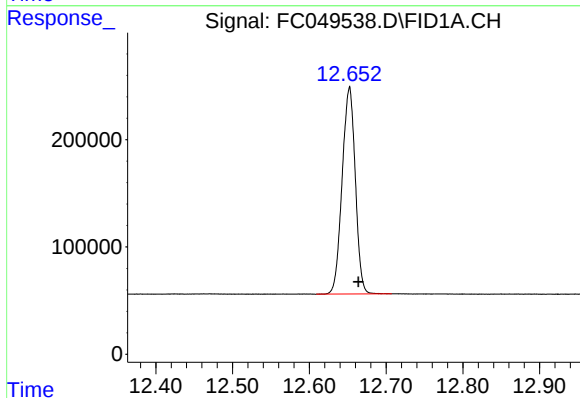
#9 ortho-Terphenyl (SURR)

R.T.: 11.664 min
Delta R.T.: -0.015 min
Response: 2449363
Conc: 21.32 ug/ml

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20 PPM ALIPHATIC HC STD

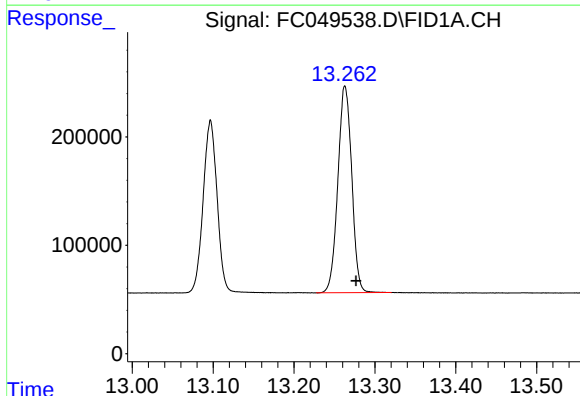
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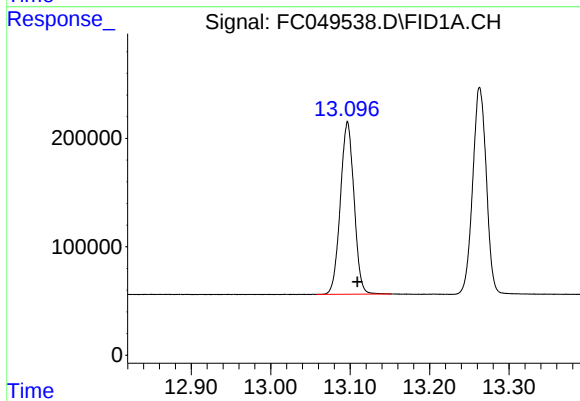
#10 n-Eicosane (C20)

R.T.: 12.652 min
Delta R.T.: -0.012 min
Response: 2297003
Conc: 21.45 ug/ml



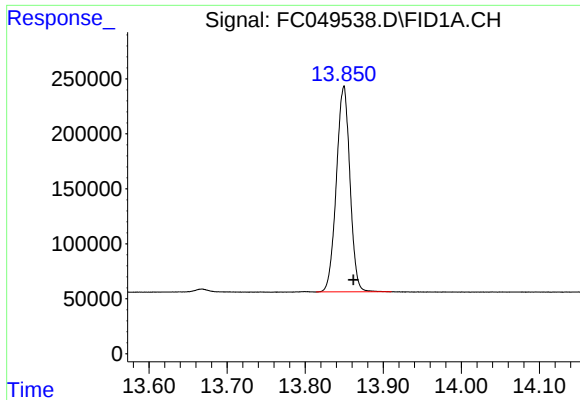
#11 n-Heneicosane (C21)

R.T.: 13.263 min
Delta R.T.: -0.014 min
Response: 2274929
Conc: 21.38 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.097 min
Delta R.T.: -0.013 min
Response: 1903017
Conc: 21.36 ug/ml



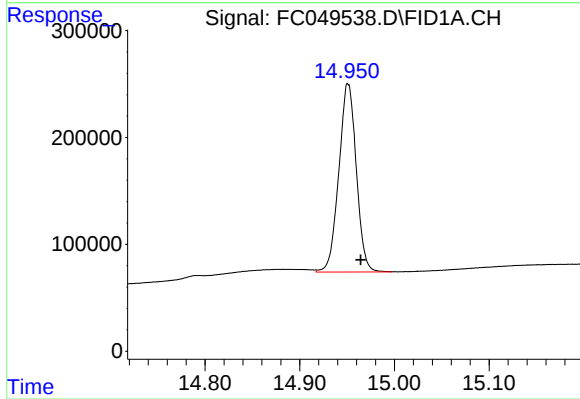
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: -0.012 min
Response: 2260354
Conc: 21.36 ug/ml

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20 PPM ALIPHATIC HC STD

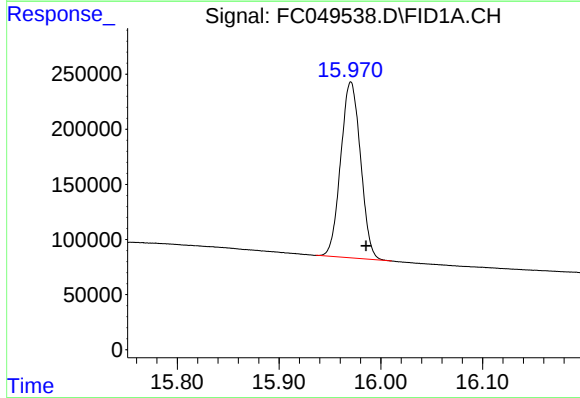
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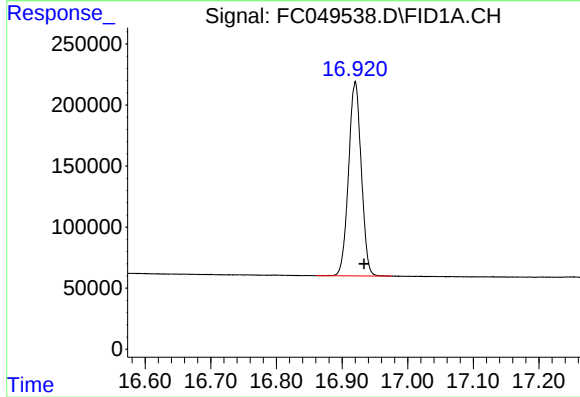
#14 n-Tetracosane (C24)

R.T.: 14.950 min
Delta R.T.: -0.014 min
Response: 2260967
Conc: 21.61 ug/ml m



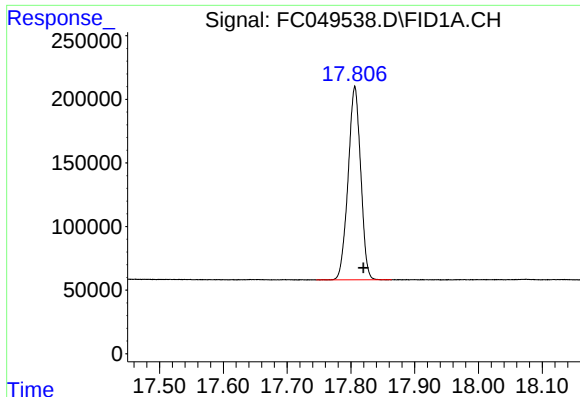
#15 n-Hexacosane (C26)

R.T.: 15.970 min
Delta R.T.: -0.015 min
Response: 2161243
Conc: 21.14 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.920 min
Delta R.T.: -0.013 min
Response: 2142212
Conc: 21.32 ug/ml



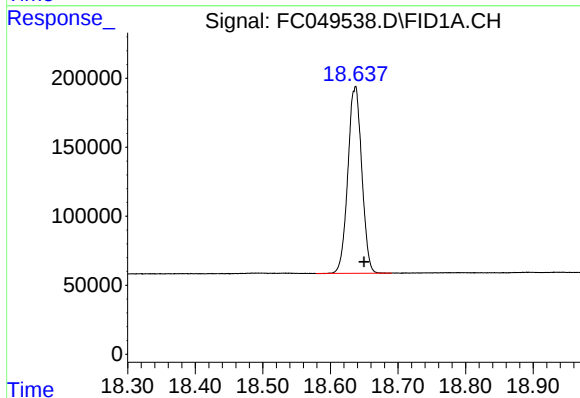
#17 n-Tricontane (C30)

R.T.: 17.806 min
Delta R.T.: -0.013 min
Response: 2084418
Conc: 21.41 ug/ml

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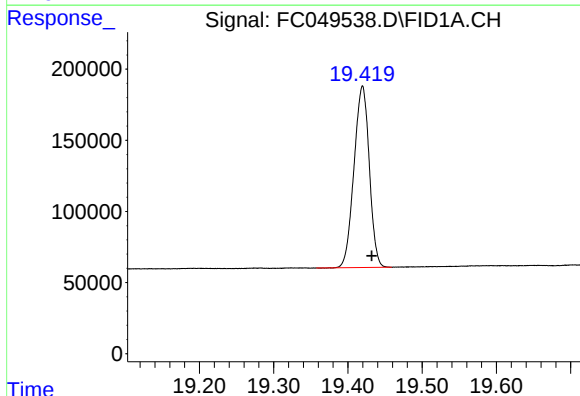
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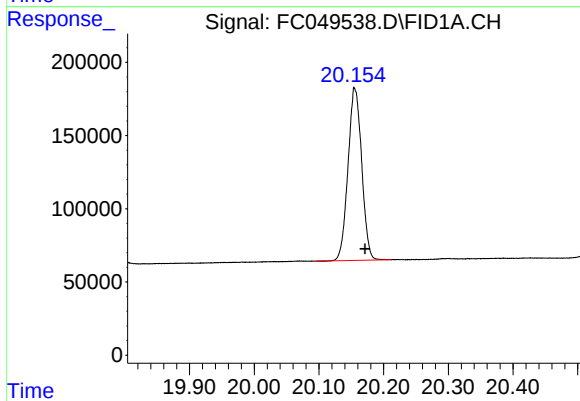
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: -0.013 min
Response: 1934725
Conc: 21.41 ug/ml



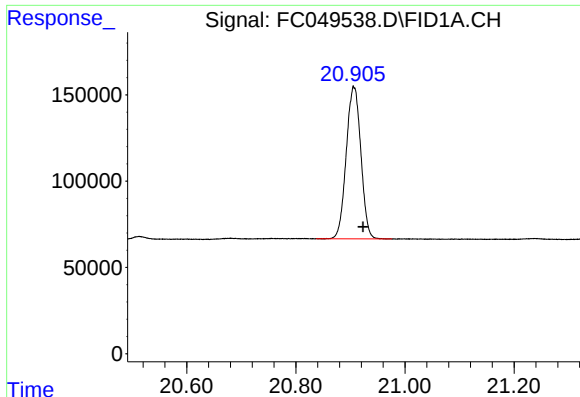
#19 n-Tetratriacontane (C34)

R.T.: 19.420 min
Delta R.T.: -0.012 min
Response: 1825696
Conc: 21.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.155 min
Delta R.T.: -0.016 min
Response: 1731463
Conc: 21.49 ug/ml



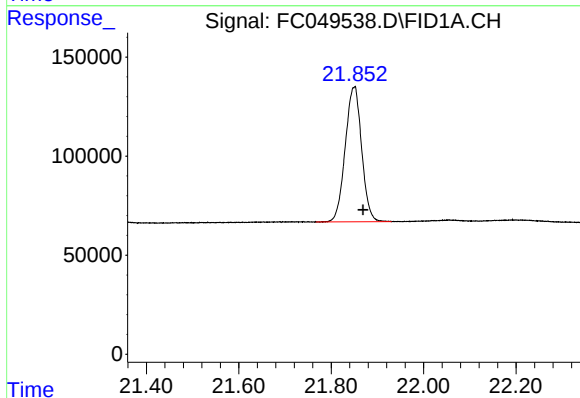
#21 n-Octatriacontane (C38)

R.T.: 20.906 min
Delta R.T.: -0.017 min
Response: 1642638
Conc: 21.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.851 min
Delta R.T.: -0.018 min
Response: 1678551
Conc: 21.57 ug/ml