

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122118AL\
 Data File : FC038369.D
 Signal(s) : FID1A.CH
 Acq On : 22 Dec 2018 1:50
 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
 12/26/2018 1:30:23 PM

Integration File: sample.E
 Quant Time: Dec 22 06:12:13 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121018.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 15 05:55:02 2018
 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)	11.276	2325662	17.839 ug/ml
Spiked Amount 50.000		Recovery =	35.68%
12) S 1-chlorooctadecane (S...	12.721	1772989	17.585 ug/ml
Spiked Amount 50.000		Recovery =	35.17%
Target Compounds			
1) T n-Nonane (C9)	3.112	1896593	18.237 ug/ml
2) T n-Decane (C10)	4.169	1930724	18.435 ug/ml
3) T A~Naphthalene (C11.7)	5.730	2229607	18.980 ug/ml
4) T n-Dodecane (C12)	6.174	1992338	18.454 ug/ml
5) T A~2-methylnaphthalene...	6.778	2201208	18.734 ug/ml
6) T n-Tetradecane (C14)	7.956	2024679	18.128 ug/ml
7) T n-Hexadecane (C16)	9.547	2052973	17.796 ug/ml
8) T n-Octadecane (C18)	10.980	2052056	16.976 ug/ml
10) T n-Eicosane (C20)	12.282	2070343	17.237 ug/ml
11) T n-Heneicosane (C21)	12.892	2056712	17.725 ug/ml
13) T n-Docosane (C22)	13.474	2053576	17.769 ug/ml
14) T n-Tetracosane (C24)	14.571	2064188	17.978 ug/ml
15) T n-Hexacosane (C26)	15.587	2058904	18.303 ug/ml
16) T n-Octacosane (C28)	16.534	2142298	19.059 ug/ml
17) T n-Tricontane (C30)	17.417	2174403	19.812 ug/ml
18) T n-Dotriacontane (C32)	18.245	2103860	20.541 ug/ml
19) T n-Tetratriacontane (C34)	19.026	1817950	20.629 ug/ml
20) T n-Hexatriacontane (C36)	19.763	1637850	20.906 ug/ml
21) T n-Octatriacontane (C38)	20.461	1499625	19.379 ug/ml
22) T n-Tetracontane (C40)	21.268	1497641	17.139 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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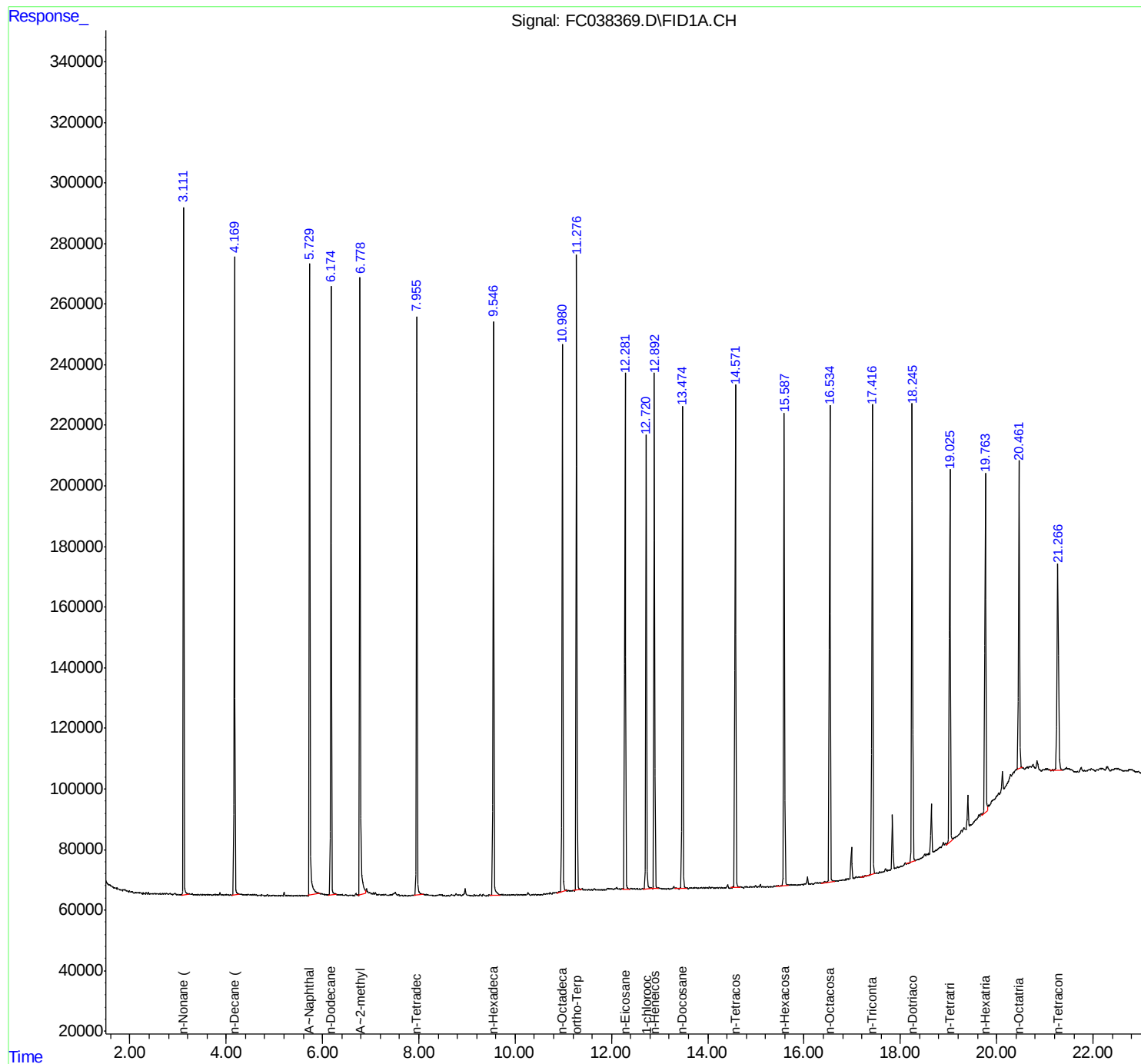
Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD

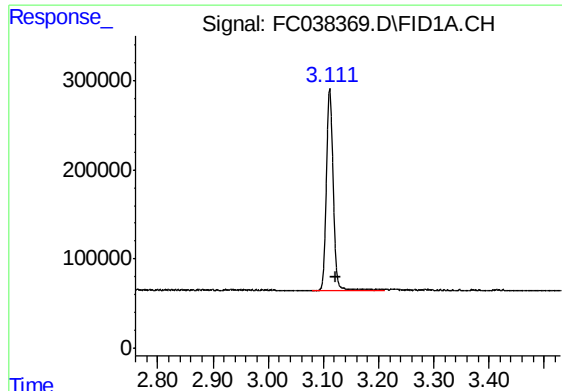
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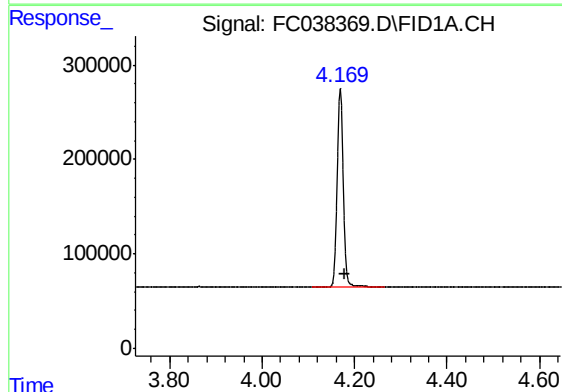
#1 n-Nonane (C9)

R.T.: 3.112 min
Delta R.T.: -0.011 min
Response: 1896593
Conc: 18.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

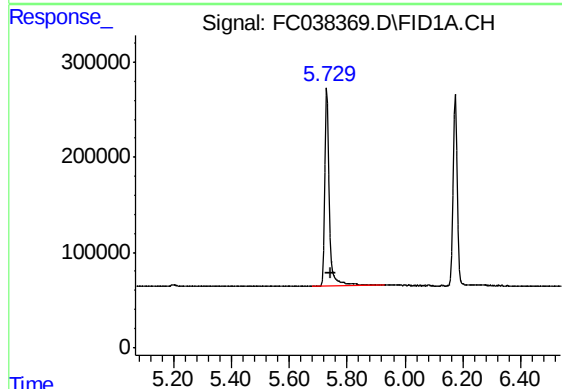
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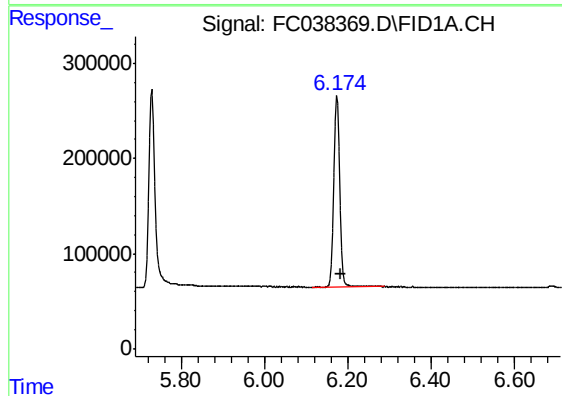
#2 n-Decane (C10)

R.T.: 4.169 min
Delta R.T.: -0.011 min
Response: 1930724
Conc: 18.43 ug/ml



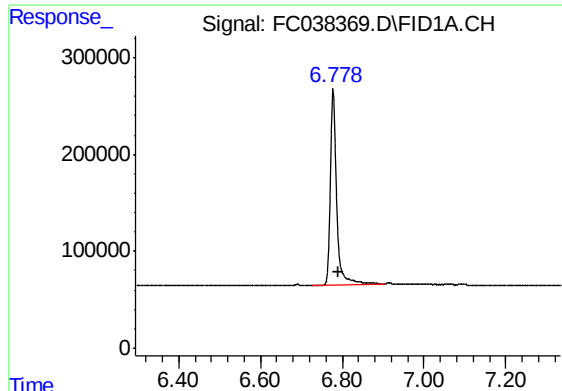
#3 A~Naphthalene (C11.7)

R.T.: 5.730 min
Delta R.T.: -0.013 min
Response: 2229607
Conc: 18.98 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.174 min
Delta R.T.: -0.010 min
Response: 1992338
Conc: 18.45 ug/ml



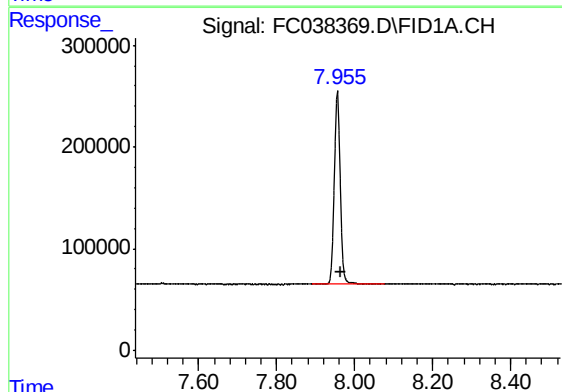
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.778 min
Delta R.T.: -0.012 min
Response: 2201208
Conc: 18.73 ug/ml

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20 PPM ALIPHATIC HC STD

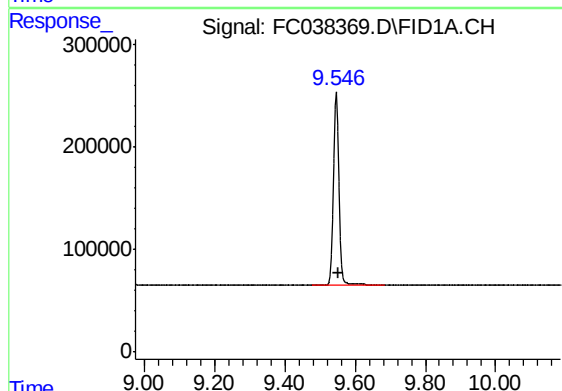
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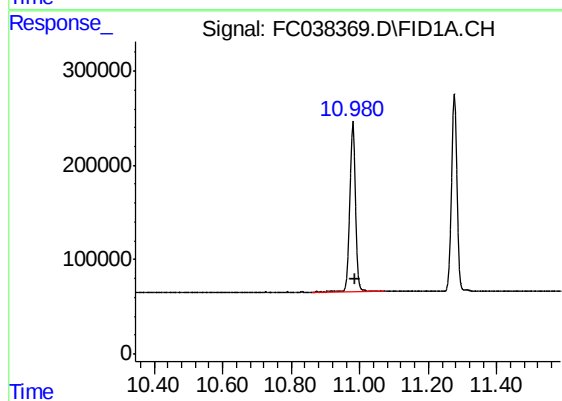
#6 n-Tetradecane (C14)

R.T.: 7.956 min
Delta R.T.: -0.009 min
Response: 2024679
Conc: 18.13 ug/ml



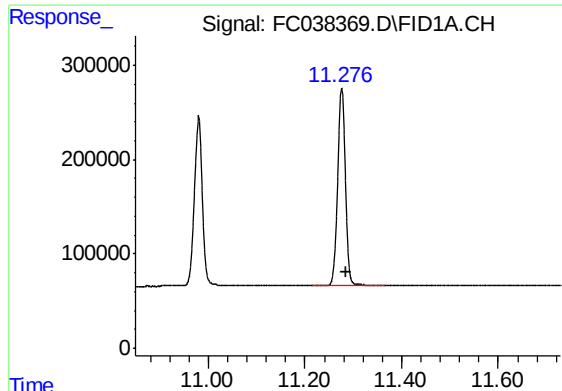
#7 n-Hexadecane (C16)

R.T.: 9.547 min
Delta R.T.: -0.007 min
Response: 2052973
Conc: 17.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.980 min
Delta R.T.: -0.007 min
Response: 2052056
Conc: 16.98 ug/ml



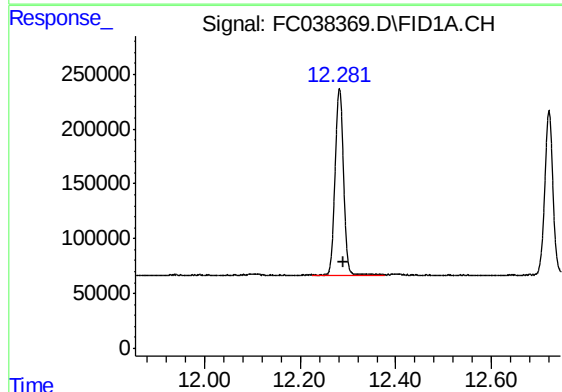
#9 ortho-Terphenyl (SURR)

R.T.: 11.276 min
Delta R.T.: -0.008 min
Response: 2325662
Conc: 17.84 ug/ml

Instrument :
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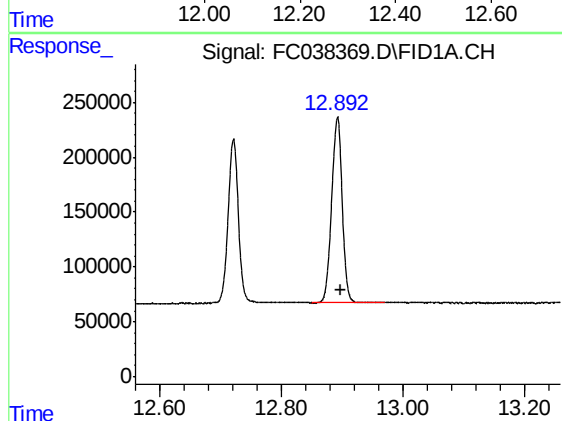
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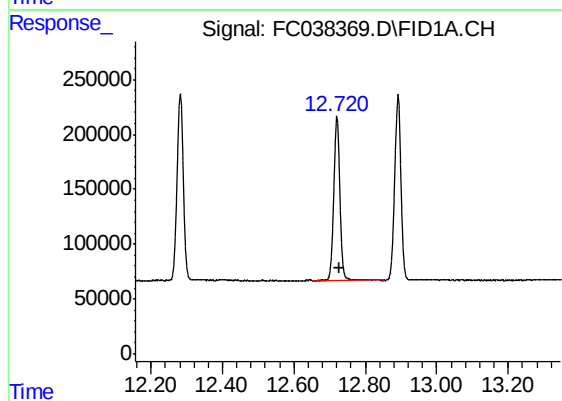
#10 n-Eicosane (C20)

R.T.: 12.282 min
Delta R.T.: -0.007 min
Response: 2070343
Conc: 17.24 ug/ml



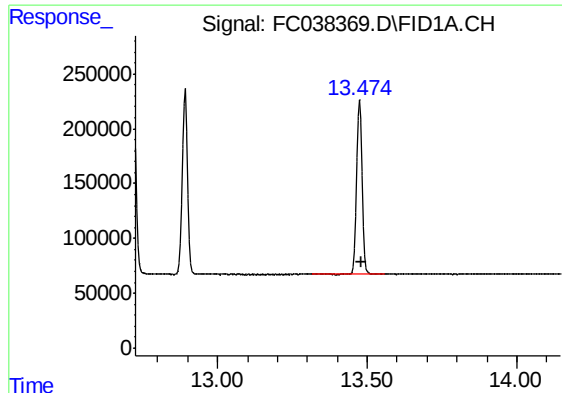
#11 n-Heneicosane (C21)

R.T.: 12.892 min
Delta R.T.: -0.006 min
Response: 2056712
Conc: 17.72 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.721 min
Delta R.T.: -0.008 min
Response: 1772989
Conc: 17.59 ug/ml



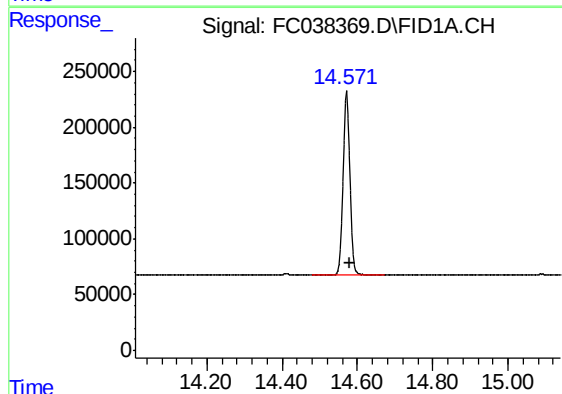
#13 n-Docosane (C22)

R.T.: 13.474 min
Delta R.T.: -0.007 min
Response: 2053576
Conc: 17.77 ug/ml

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20 PPM ALIPHATIC HC STD

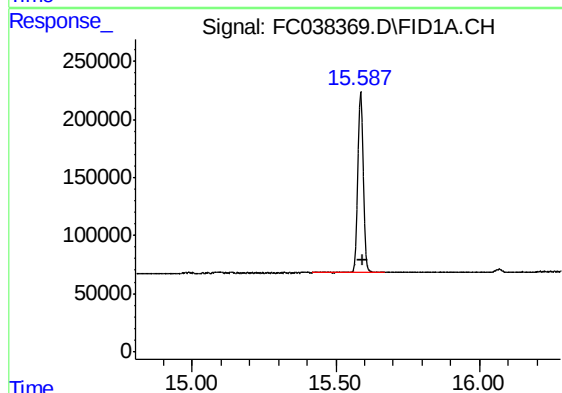
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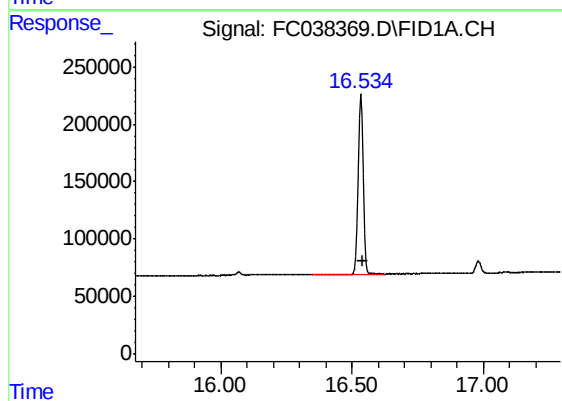
#14 n-Tetracosane (C24)

R.T.: 14.571 min
Delta R.T.: -0.008 min
Response: 2064188
Conc: 17.98 ug/ml



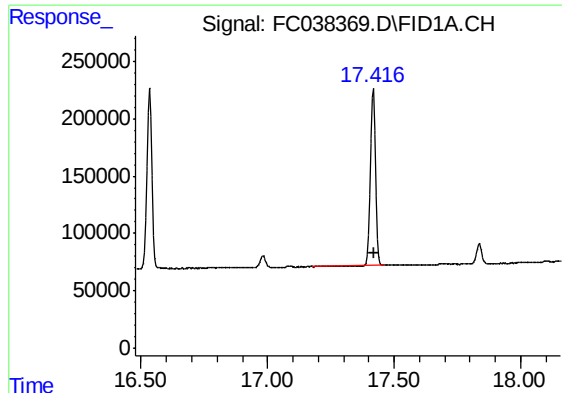
#15 n-Hexacosane (C26)

R.T.: 15.587 min
Delta R.T.: -0.008 min
Response: 2058904
Conc: 18.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.534 min
Delta R.T.: -0.007 min
Response: 2142298
Conc: 19.06 ug/ml



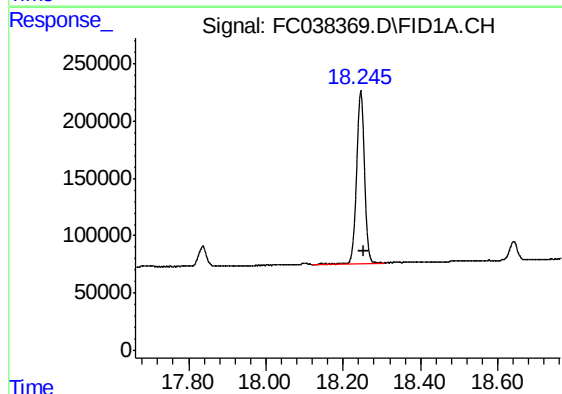
#17 n-Tricontane (C30)

R.T.: 17.417 min
Delta R.T.: -0.006 min
Response: 2174403
Conc: 19.81 ug/ml

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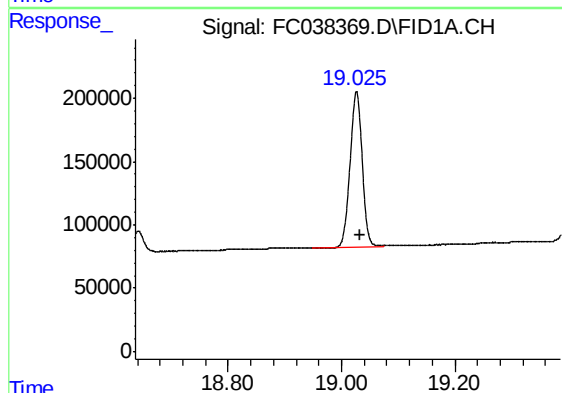
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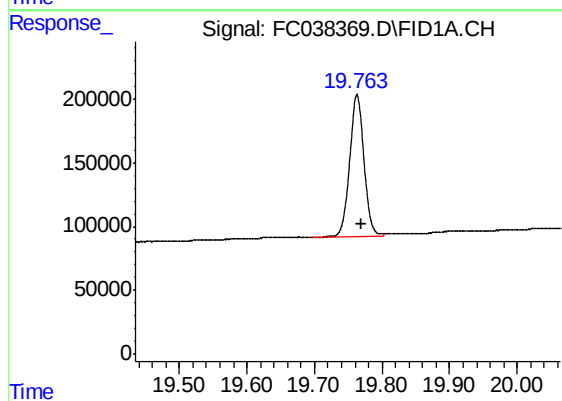
#18 n-Dotriacontane (C32)

R.T.: 18.245 min
Delta R.T.: -0.007 min
Response: 2103860
Conc: 20.54 ug/ml



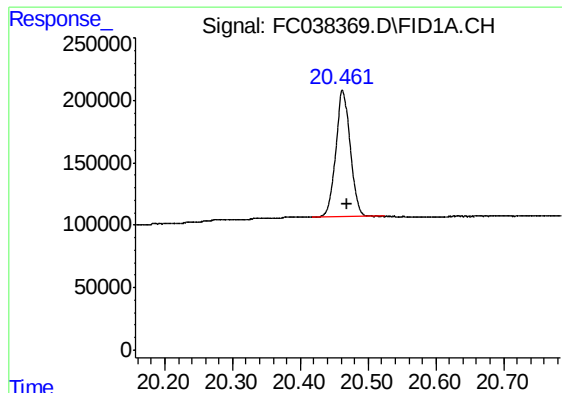
#19 n-Tetatriacontane (C34)

R.T.: 19.026 min
Delta R.T.: -0.005 min
Response: 1817950
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.763 min
Delta R.T.: -0.007 min
Response: 1637850
Conc: 20.91 ug/ml



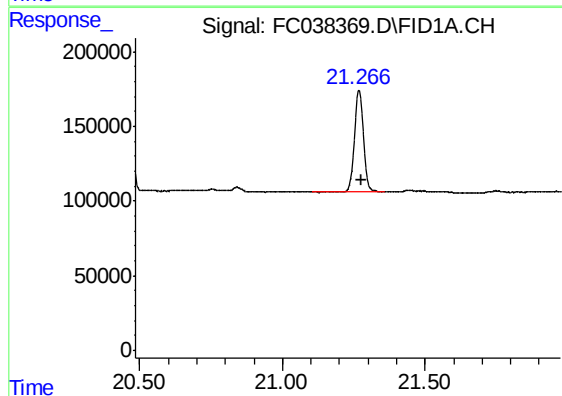
#21 n-Octatriacontane (C38)

R.T.: 20.461 min
Delta R.T.: -0.009 min
Response: 1499625
Conc: 19.38 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.268 min
Delta R.T.: -0.010 min
Response: 1497641
Conc: 17.14 ug/ml