

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042120AL\
 Data File : FC046999.D
 Signal(s) : FID1A.CH
 Acq On : 22 Apr 2020 6:18
 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

Sohil
 4/22/2020 4:33:56 PM

Integration File: autoint1.e
 Quant Time: Apr 22 08:41:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.754	2136574	19.545 ug/ml
Spiked Amount 50.000		Recovery =	39.09%
12) S 1-chlorooctadecane (S...	13.169	1676373	19.452 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.548	2058837	21.438 ug/ml
2) T n-Decane (C10)	4.614	2149467	22.380 ug/ml
3) T A~Naphthalene (C11.7)	6.213	2125090	21.209 ug/ml
4) T n-Dodecane (C12)	6.618	2181874	22.353 ug/ml
5) T A~2-methylnaphthalene...	7.263	2148001	21.246 ug/ml
6) T n-Tetradecane (C14)	8.399	2142527	21.758 ug/ml
7) T n-Hexadecane (C16)	9.989	2114108	21.176 ug/ml
8) T n-Octadecane (C18)	11.421	2084131	20.534 ug/ml
10) T n-Eicosane (C20)	12.723	2045575	20.009 ug/ml
11) T n-Heneicosane (C21)	13.331	2015404	19.547 ug/ml
13) T n-Docosane (C22)	13.914	2046725	19.938 ug/ml
14) T n-Tetracosane (C24)	15.011	2121639	20.553 ug/ml
15) T n-Hexacosane (C26)	16.027	2127126	20.732 ug/ml
16) T n-Octacosane (C28)	16.970	2164607	21.269 ug/ml
17) T n-Tricontane (C30)	17.854	2142359	21.867 ug/ml
18) T n-Dotriacontane (C32)	18.682	1830796	21.837 ug/ml
19) T n-Tetratriacontane (C34)	19.462	1537130	21.454 ug/ml
20) T n-Hexatriacontane (C36)	20.197	1409631	20.122 ug/mlm
21) T n-Octatriacontane (C38)	20.957	1306309	20.701 ug/ml
22) T n-Tetracontane (C40)	21.913	1359760	19.650 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH
Acq On : 22 Apr 2020 6:18
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

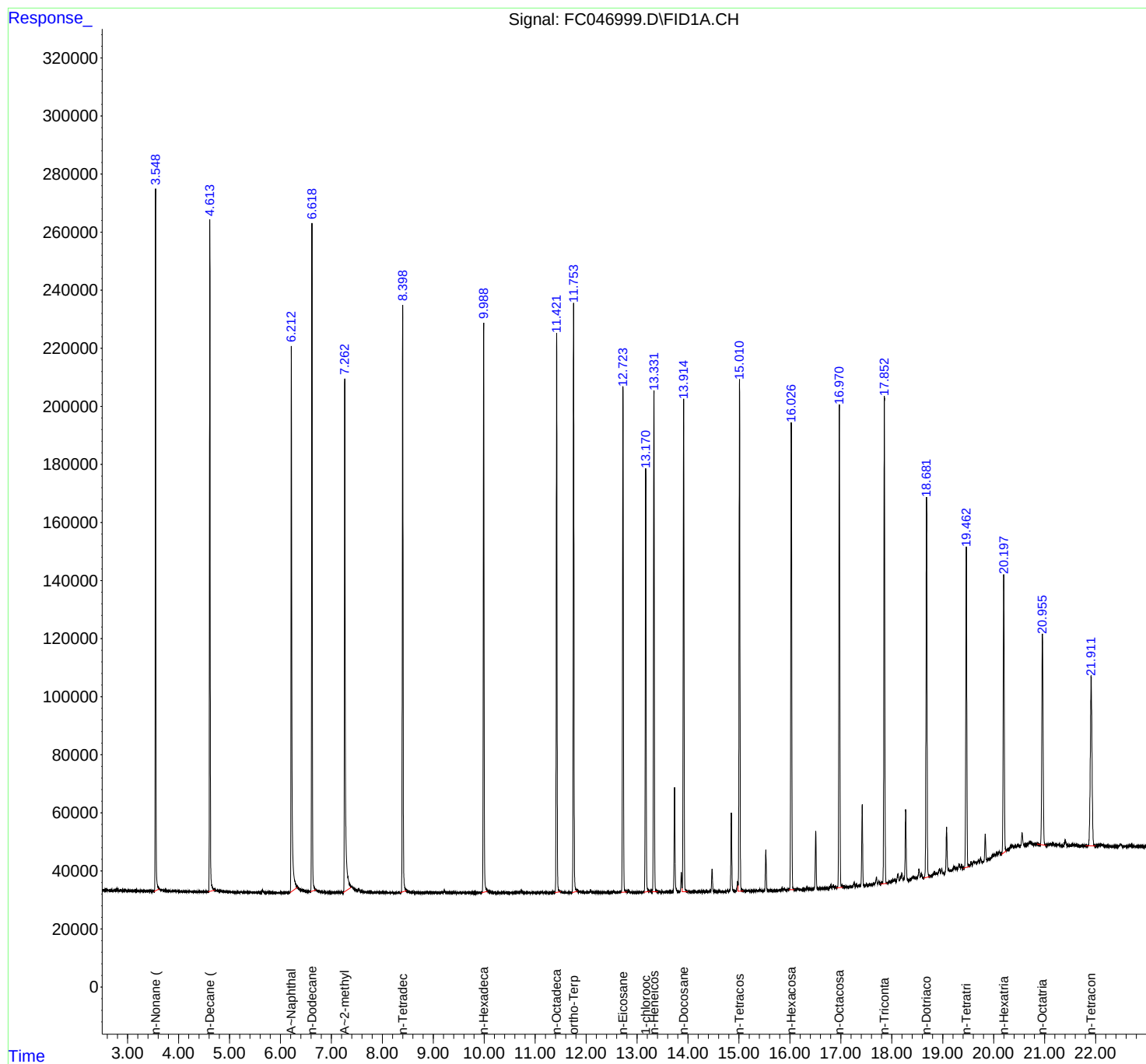
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

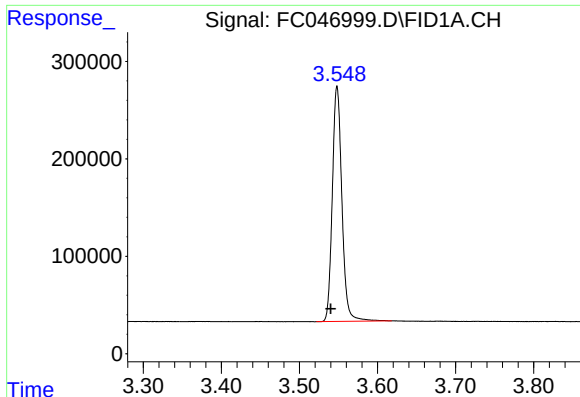
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Integration File: autoint1.e
Quant Time: Apr 22 08:41:33 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
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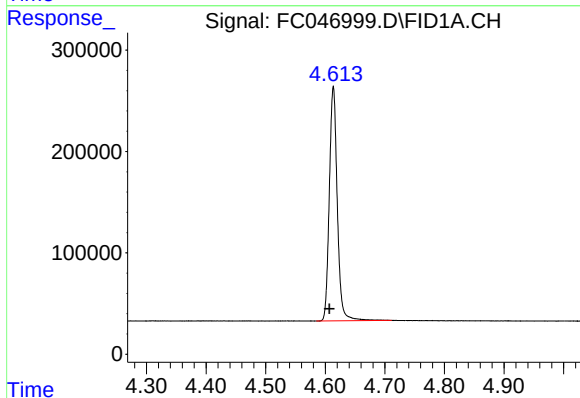
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 2058837
Conc: 21.44 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

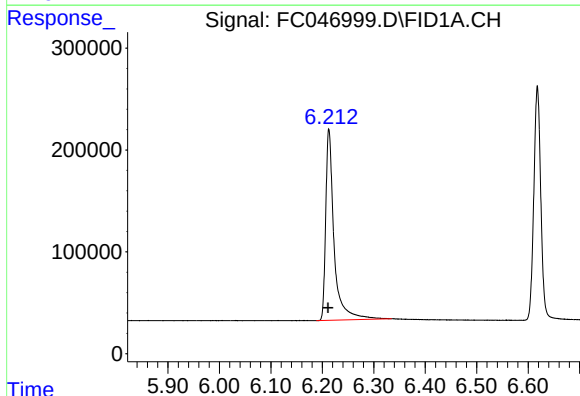
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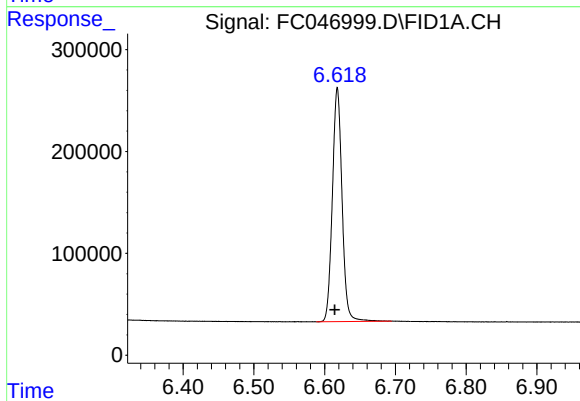
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.006 min
Response: 2149467
Conc: 22.38 ug/ml



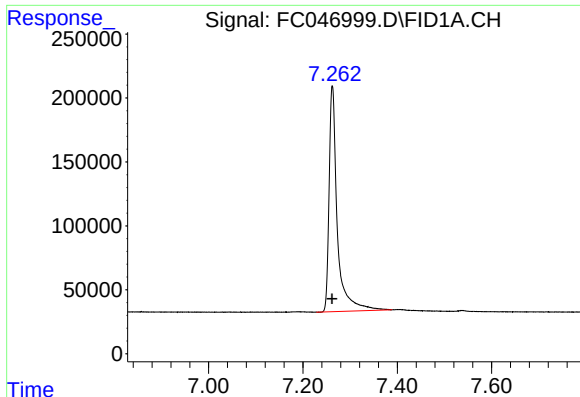
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: 0.002 min
Response: 2125090
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.004 min
Response: 2181874
Conc: 22.35 ug/ml



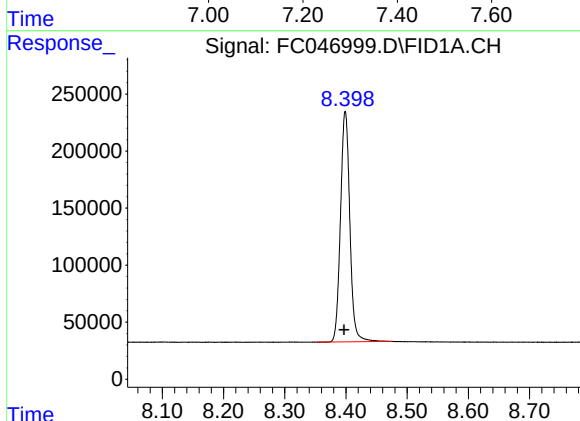
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.263 min
Delta R.T.: 0.000 min
Response: 2148001
Conc: 21.25 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

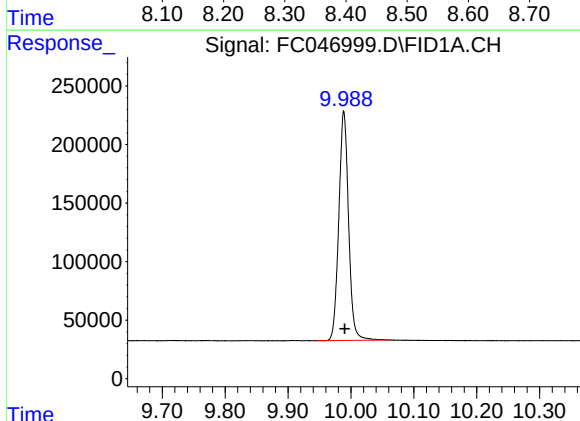
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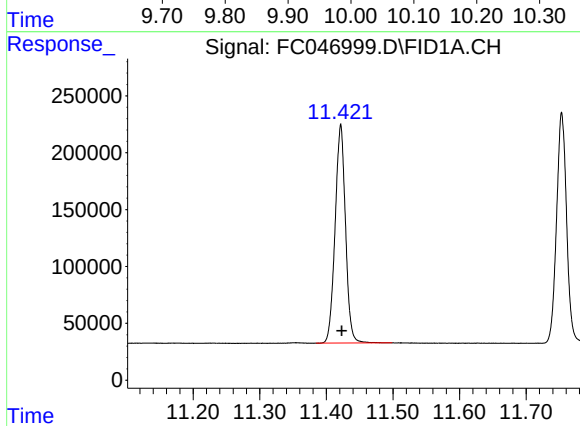
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 2142527
Conc: 21.76 ug/ml



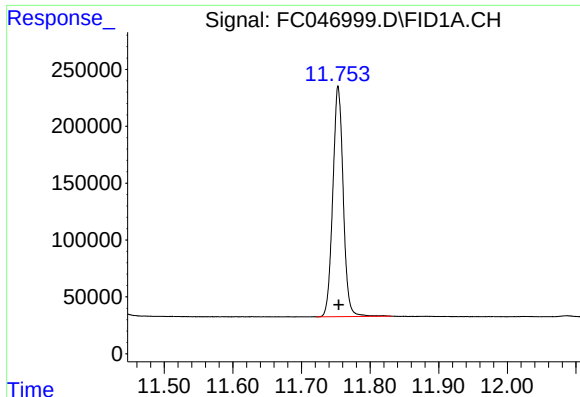
#7 n-Hexadecane (C16)

R.T.: 9.989 min
Delta R.T.: -0.001 min
Response: 2114108
Conc: 21.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.421 min
Delta R.T.: -0.002 min
Response: 2084131
Conc: 20.53 ug/ml



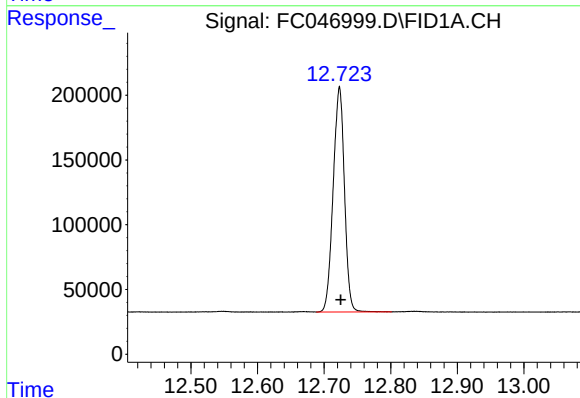
#9 ortho-Terphenyl (SURR)

R.T.: 11.754 min
Delta R.T.: 0.000 min
Response: 2136574
Conc: 19.55 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD

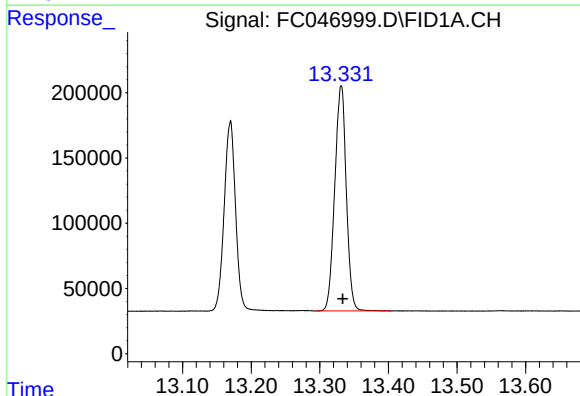
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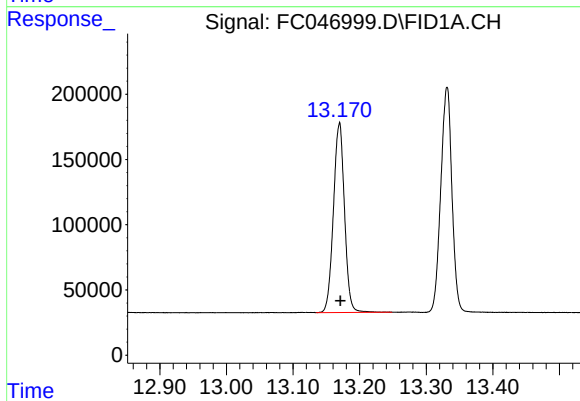
#10 n-Eicosane (C20)

R.T.: 12.723 min
Delta R.T.: -0.002 min
Response: 2045575
Conc: 20.01 ug/ml



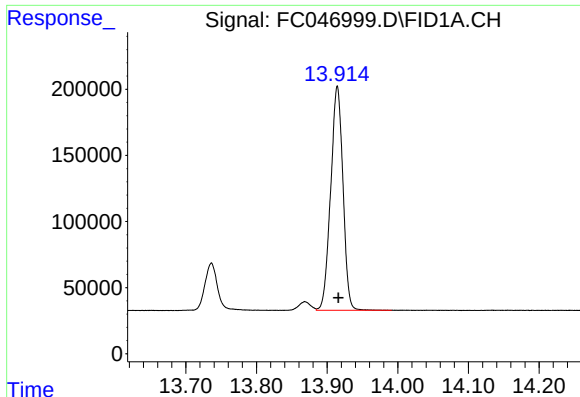
#11 n-Heneicosane (C21)

R.T.: 13.331 min
Delta R.T.: -0.003 min
Response: 2015404
Conc: 19.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.169 min
Delta R.T.: -0.002 min
Response: 1676373
Conc: 19.45 ug/ml



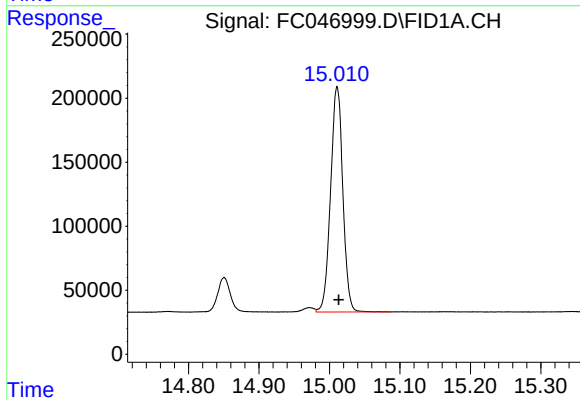
#13 n-Docosane (C22)

R.T.: 13.914 min
Delta R.T.: -0.002 min
Response: 2046725
Conc: 19.94 ug/ml

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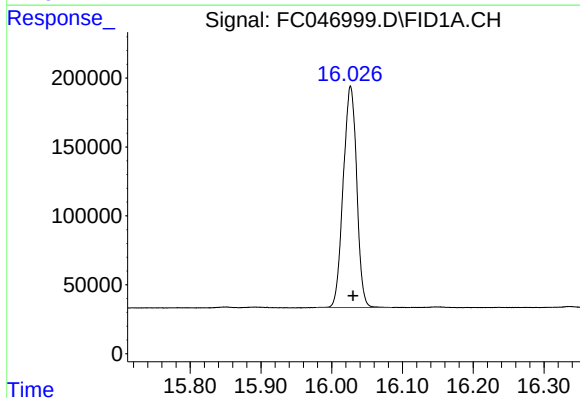
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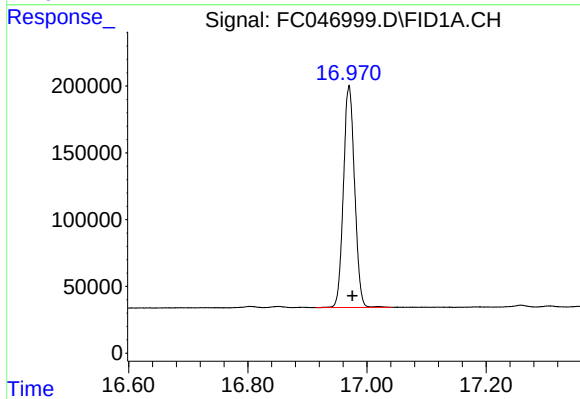
#14 n-Tetracosane (C24)

R.T.: 15.011 min
Delta R.T.: -0.002 min
Response: 2121639
Conc: 20.55 ug/ml



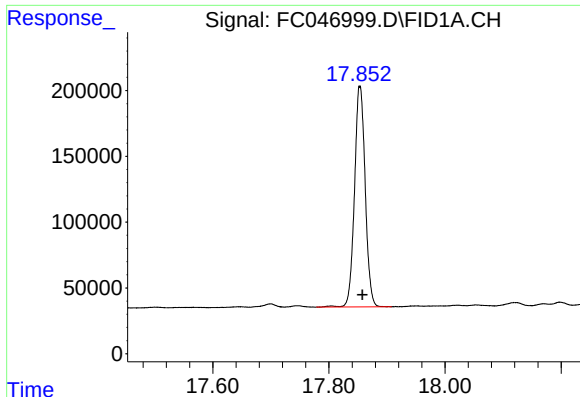
#15 n-Hexacosane (C26)

R.T.: 16.027 min
Delta R.T.: -0.003 min
Response: 2127126
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.970 min
Delta R.T.: -0.006 min
Response: 2164607
Conc: 21.27 ug/ml



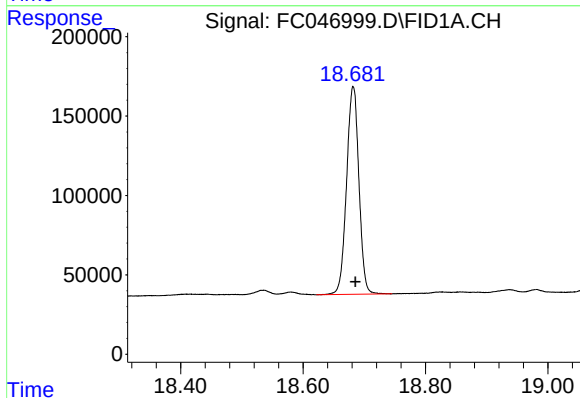
#17 n-Tricontane (C30)

R.T.: 17.854 min
Delta R.T.: -0.005 min
Response: 2142359
Conc: 21.87 ug/ml

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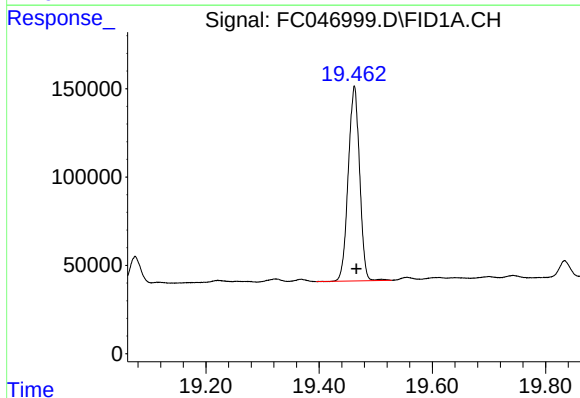
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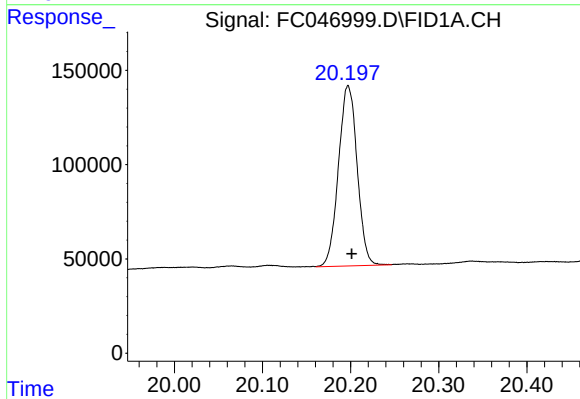
#18 n-Dotriacontane (C32)

R.T.: 18.682 min
Delta R.T.: -0.003 min
Response: 1830796
Conc: 21.84 ug/ml



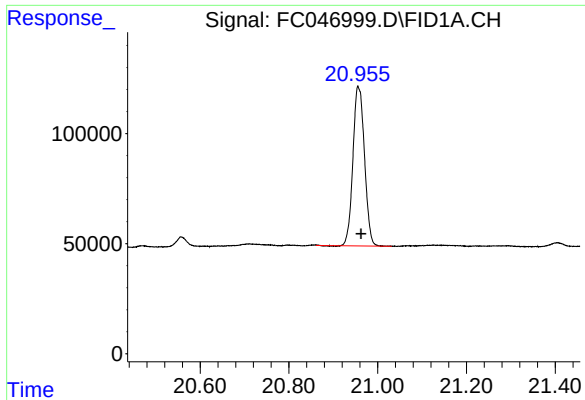
#19 n-Tetratriacontane (C34)

R.T.: 19.462 min
Delta R.T.: -0.004 min
Response: 1537130
Conc: 21.45 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.197 min
Delta R.T.: -0.004 min
Response: 1409631
Conc: 20.12 ug/ml m



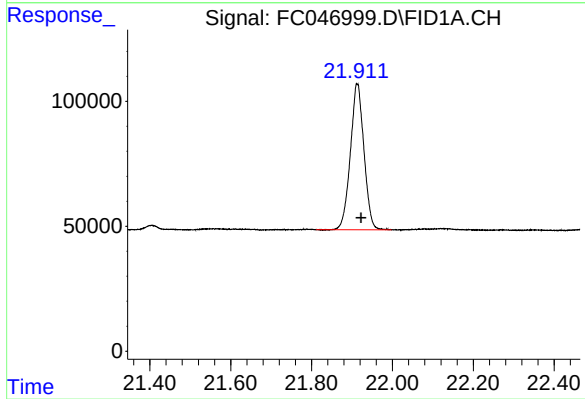
#21 n-Octatriacontane (C38)

R.T.: 20.957 min
Delta R.T.: -0.006 min
Response: 1306309
Conc: 20.70 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.913 min
Delta R.T.: -0.010 min
Response: 1359760
Conc: 19.65 ug/ml