

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061920AL\
 Data File : FC047959.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2020 19:48
 Operator : DD\AJ
 Sample : L3035-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 1-UNIVERSITY-SW-5MSD

Manual Integrations
 APPROVED

Sohil
 6/23/2020 8:03:29 AM

Integration File: autoint1.e
 Quant Time: Jun 20 01:21:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.731	3300585	27.515 ug/ml
Spiked Amount 50.000		Recovery =	55.03%
12) S 1-chlorooctadecane (S...	13.144	3042267	31.064 ug/ml
Spiked Amount 50.000		Recovery =	62.13%
Target Compounds			
1) T n-Nonane (C9)	3.544	3165827	31.636 ug/ml
2) T n-Decane (C10)	4.605	3683478	36.660 ug/ml
3) T A~Naphthalene (C11.7)	6.201	4170467	41.334 ug/ml
4) T n-Dodecane (C12)	6.604	4086770	39.039 ug/ml
5) T A~2-methylnaphthalene...	7.249	4426701	42.767 ug/ml
6) T n-Tetradecane (C14)	8.383	4409476	42.013 ug/ml
7) T n-Hexadecane (C16)	9.969	4498733	43.059 ug/ml
8) T n-Octadecane (C18)	11.399	4543241	40.871 ug/ml
10) T n-Eicosane (C20)	12.699	4337998	38.119 ug/ml
11) T n-Heneicosane (C21)	13.307	4234912	37.008 ug/ml
13) T n-Docosane (C22)	13.889	4169480	36.348 ug/ml
14) T n-Tetracosane (C24)	14.985	7683152	66.859 ug/ml
15) T n-Hexacosane (C26)	16.000	3875429	33.928 ug/ml
16) T n-Octacosane (C28)	16.940	7390230	65.022 ug/ml
17) T n-Tricontane (C30)	17.827	3800514	34.677 ug/ml
18) T n-Dotriacontane (C32)	18.653	3898896	39.330 ug/ml
19) T n-Tetratriacontane (C34)	19.431	3578115	39.069 ug/mlm
20) T n-Hexatriacontane (C36)	20.166	3303757	38.524 ug/mlm
21) T n-Octatriacontane (C38)	20.917	3220323	40.438 ug/ml
22) T n-Tetracontane (C40)	21.861	3156468	39.922 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 8 Sample Multiplier: 1

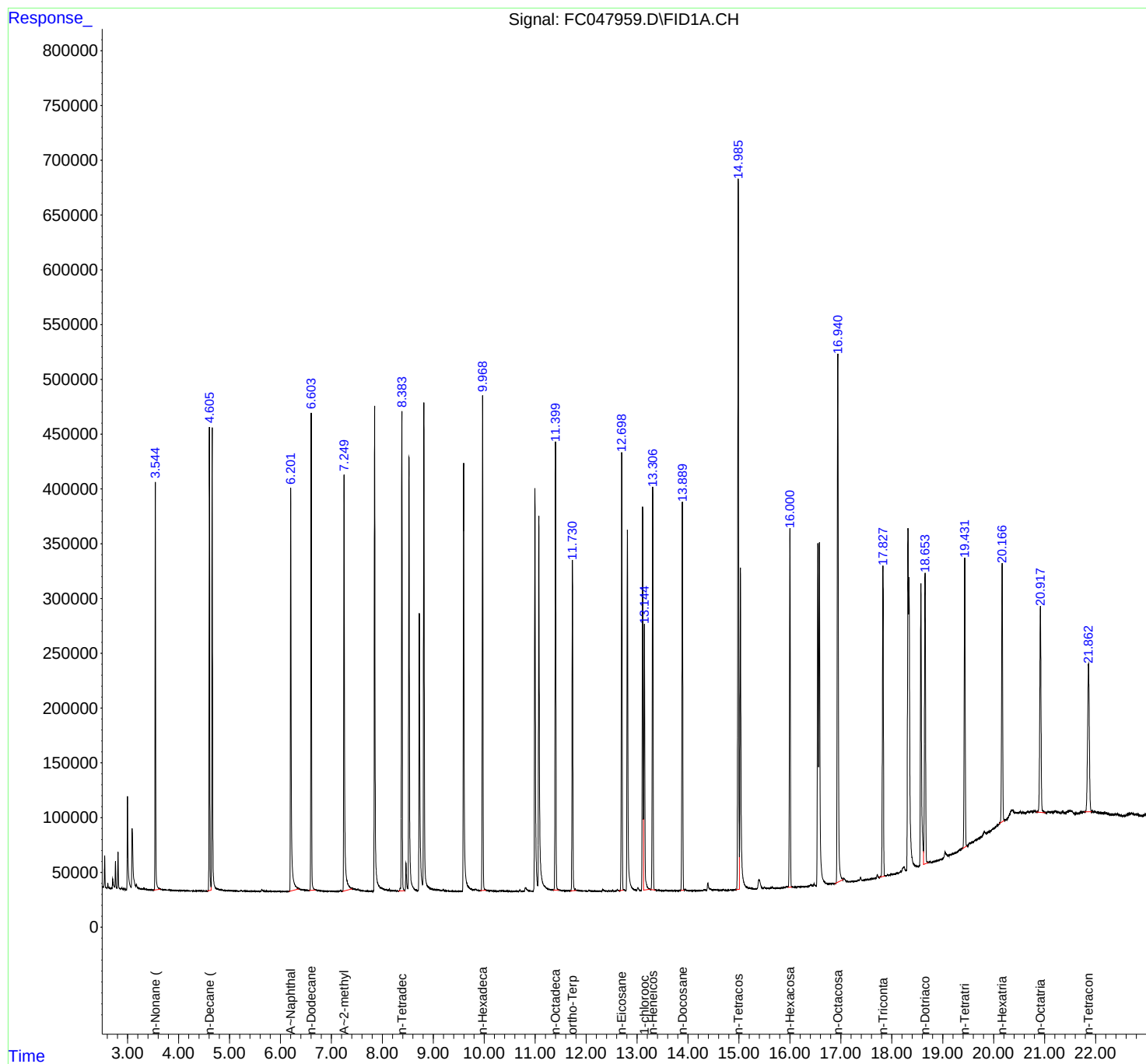
Instrument :
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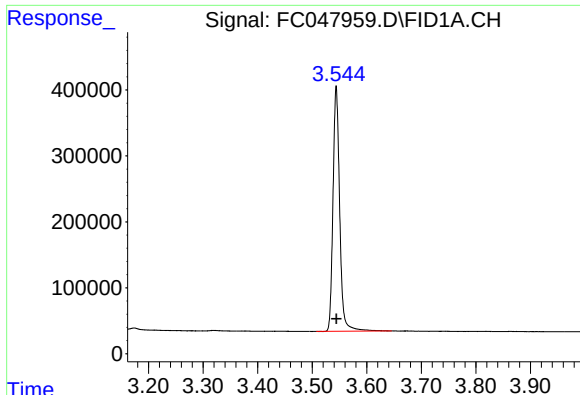
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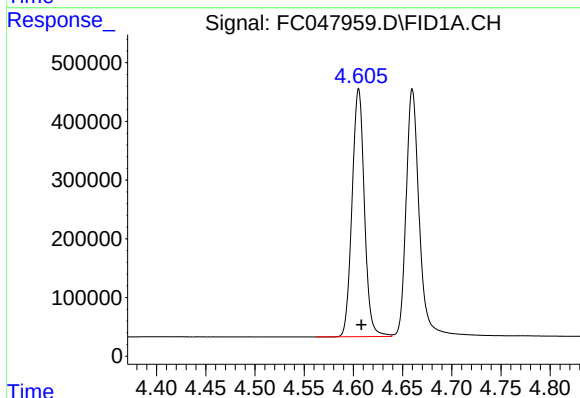
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 3165827
Conc: 31.64 ug/ml

Instrument :
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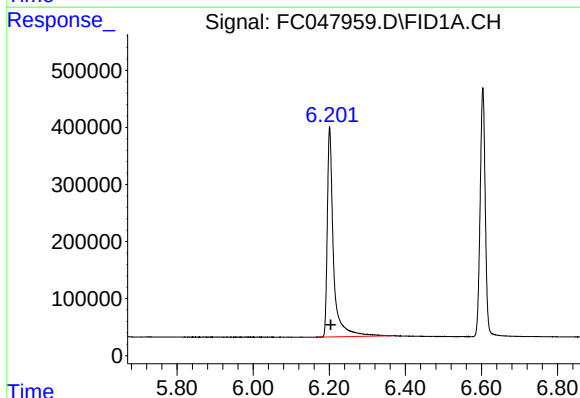
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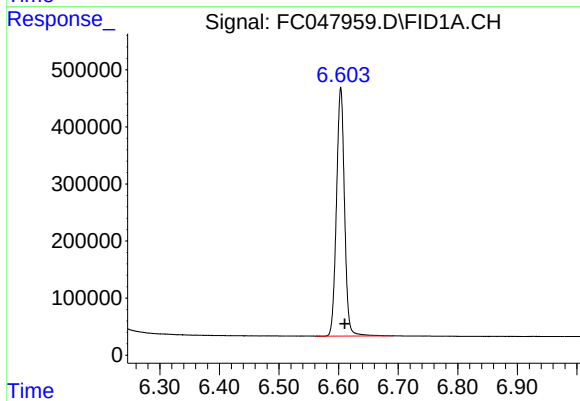
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 3683478
Conc: 36.66 ug/ml



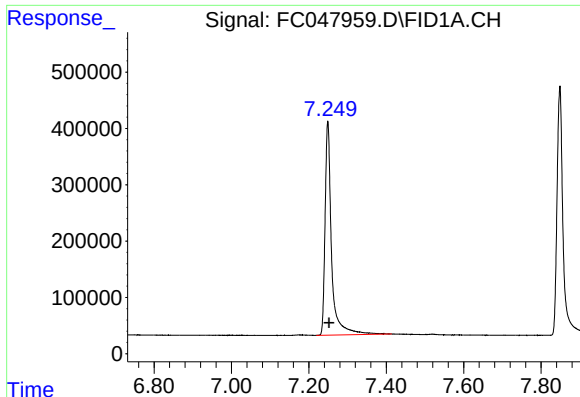
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.003 min
Response: 4170467
Conc: 41.33 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.604 min
Delta R.T.: -0.006 min
Response: 4086770
Conc: 39.04 ug/ml



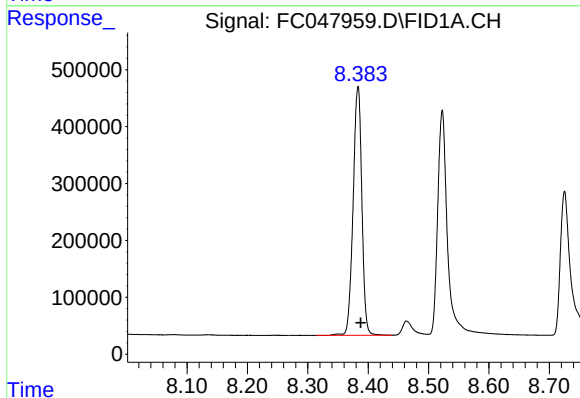
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.249 min
Delta R.T.: -0.004 min
Response: 4426701
Conc: 42.77 ug/ml

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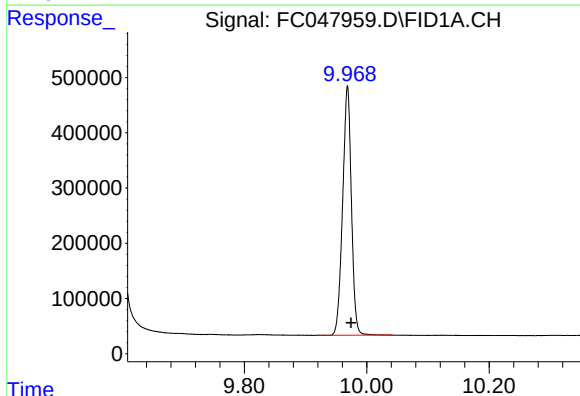
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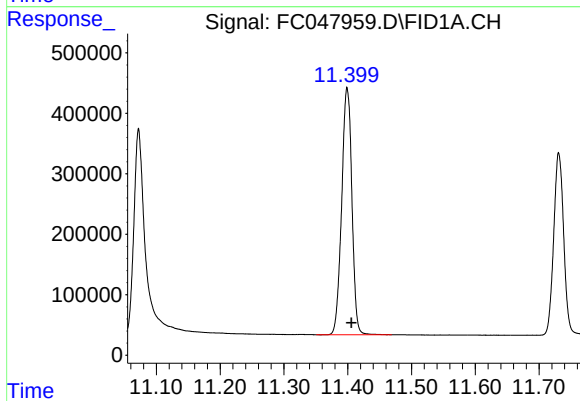
#6 n-Tetradecane (C14)

R.T.: 8.383 min
Delta R.T.: -0.004 min
Response: 4409476
Conc: 42.01 ug/ml



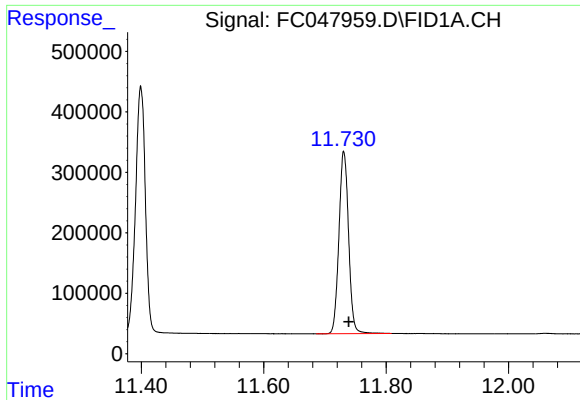
#7 n-Hexadecane (C16)

R.T.: 9.969 min
Delta R.T.: -0.006 min
Response: 4498733
Conc: 43.06 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.399 min
Delta R.T.: -0.007 min
Response: 4543241
Conc: 40.87 ug/ml



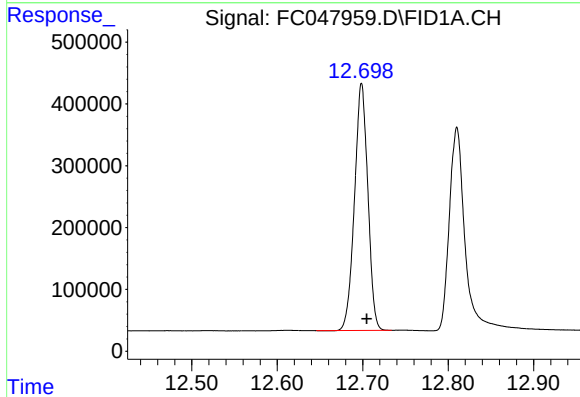
#9 ortho-Terphenyl (SURR)

R.T.: 11.731 min
Delta R.T.: -0.008 min
Response: 3300585
Conc: 27.51 ug/ml

Instrument :
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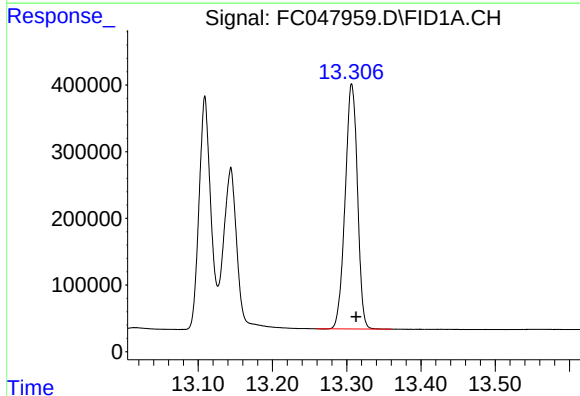
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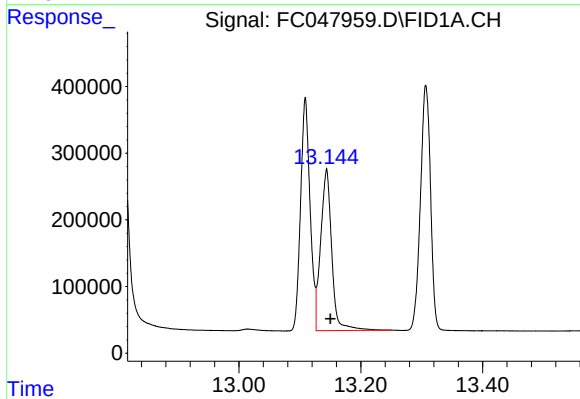
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: -0.006 min
Response: 4337998
Conc: 38.12 ug/ml



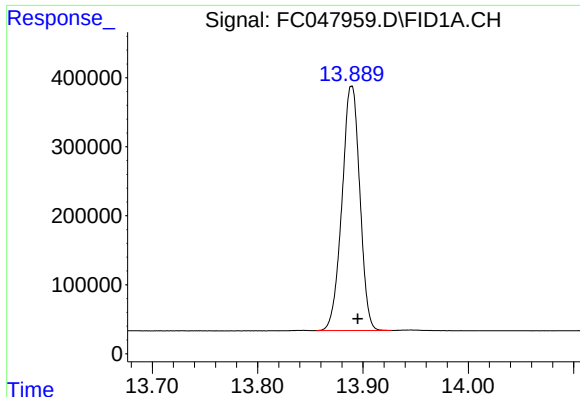
#11 n-Heneicosane (C21)

R.T.: 13.307 min
Delta R.T.: -0.006 min
Response: 4234912
Conc: 37.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: -0.006 min
Response: 3042267
Conc: 31.06 ug/ml



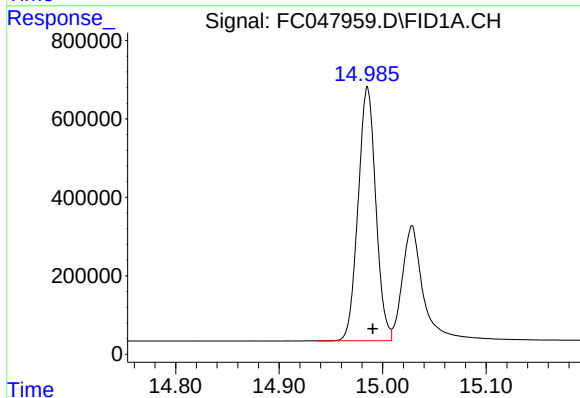
#13 n-Docosane (C22)

R.T.: 13.889 min
Delta R.T.: -0.006 min
Response: 4169480
Conc: 36.35 ug/ml

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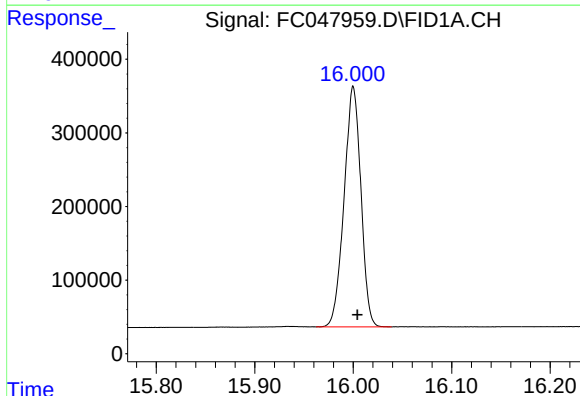
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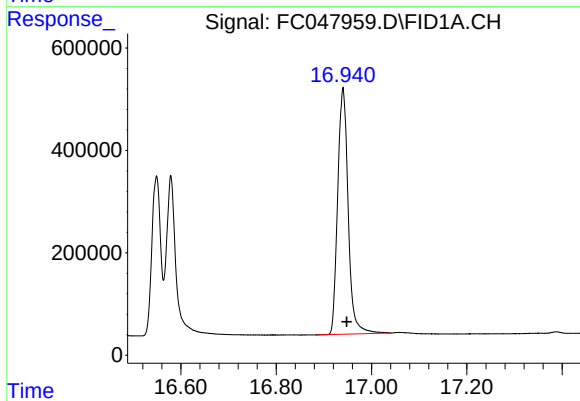
#14 n-Tetracosane (C24)

R.T.: 14.985 min
Delta R.T.: -0.005 min
Response: 7683152
Conc: 66.86 ug/ml



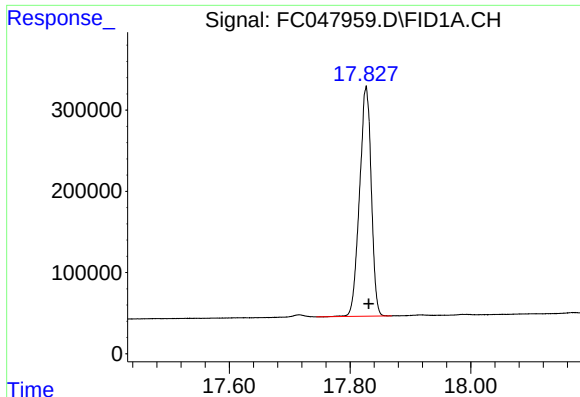
#15 n-Hexacosane (C26)

R.T.: 16.000 min
Delta R.T.: -0.004 min
Response: 3875429
Conc: 33.93 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.940 min
Delta R.T.: -0.008 min
Response: 7390230
Conc: 65.02 ug/ml



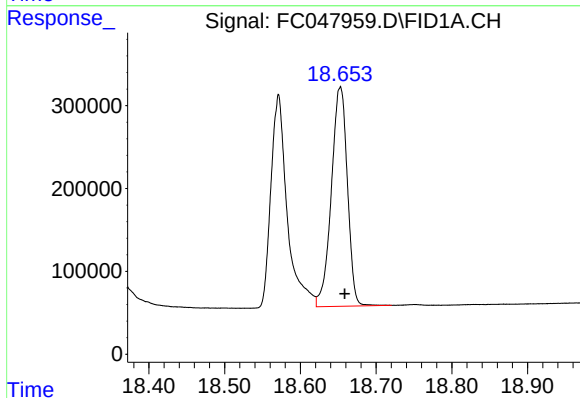
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: -0.004 min
Response: 3800514
Conc: 34.68 ug/ml

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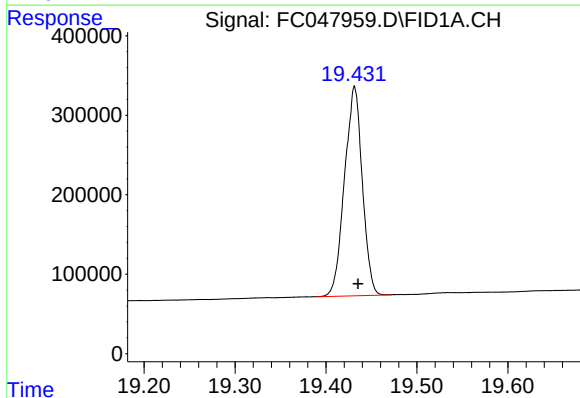
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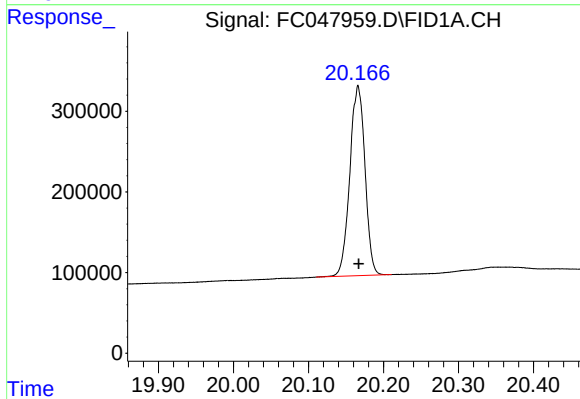
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: -0.006 min
Response: 3898896
Conc: 39.33 ug/ml



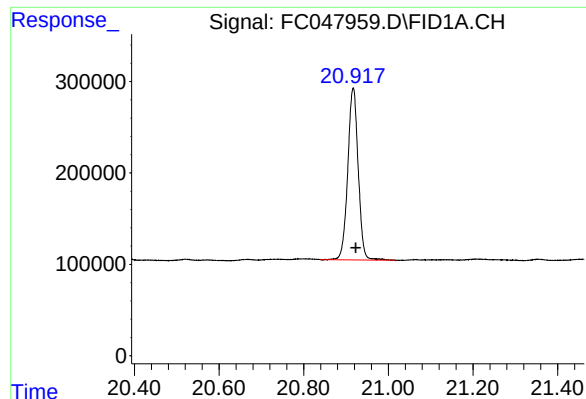
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: -0.004 min
Response: 3578115
Conc: 39.07 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.166 min
Delta R.T.: -0.002 min
Response: 3303757
Conc: 38.52 ug/ml m



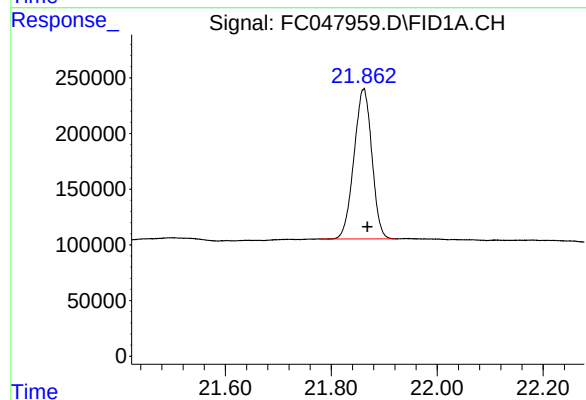
#21 n-Octatriacontane (C38)

R.T.: 20.917 min
Delta R.T.: -0.006 min
Response: 3220323
Conc: 40.44 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: -0.007 min
Response: 3156468
Conc: 39.92 ug/ml