

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061920AL\
 Data File : FC047958.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2020 19:11
 Operator : DD\AJ
 Sample : L3035-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 6/23/2020 8:03:28 AM

Integration File: autoint1.e
 Quant Time: Jun 20 01:20:44 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)	11.732	3295466	27.472 ug/ml
Spiked Amount 50.000		Recovery =	54.94%
12) S 1-chlorooctadecane (S...	13.144	3034535	30.985 ug/ml
Spiked Amount 50.000		Recovery =	61.97%
Target Compounds			
1) T n-Nonane (C9)	3.544	3147772	31.455 ug/ml
2) T n-Decane (C10)	4.605	3661353	36.440 ug/ml
3) T A~Naphthalene (C11.7)	6.202	4138587	41.018 ug/ml
4) T n-Dodecane (C12)	6.604	4062280	38.805 ug/ml
5) T A~2-methylnaphthalene...	7.248	4337221	41.903 ug/ml
6) T n-Tetradecane (C14)	8.383	4370683	41.643 ug/ml
7) T n-Hexadecane (C16)	9.969	4489582	42.971 ug/ml
8) T n-Octadecane (C18)	11.399	4531247	40.763 ug/ml
10) T n-Eicosane (C20)	12.699	4335556	38.097 ug/ml
11) T n-Heneicosane (C21)	13.307	4228480	36.952 ug/ml
13) T n-Docosane (C22)	13.889	4160283	36.268 ug/ml
14) T n-Tetracosane (C24)	14.985	7674038	66.780 ug/ml
15) T n-Hexacosane (C26)	16.001	3877019	33.942 ug/ml
16) T n-Octacosane (C28)	16.939	7411726	65.211 ug/ml
17) T n-Tricontane (C30)	17.828	3834067	34.983 ug/ml
18) T n-Dotriacontane (C32)	18.653	3927133	39.614 ug/ml
19) T n-Tetratriacontane (C34)	19.431	3607055	39.385 ug/mlm
20) T n-Hexatriacontane (C36)	20.167	3311162	38.611 ug/mlm
21) T n-Octatriacontane (C38)	20.918	3212676	40.342 ug/ml
22) T n-Tetracontane (C40)	21.861	3231340	40.869 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 7 Sample Multiplier: 1

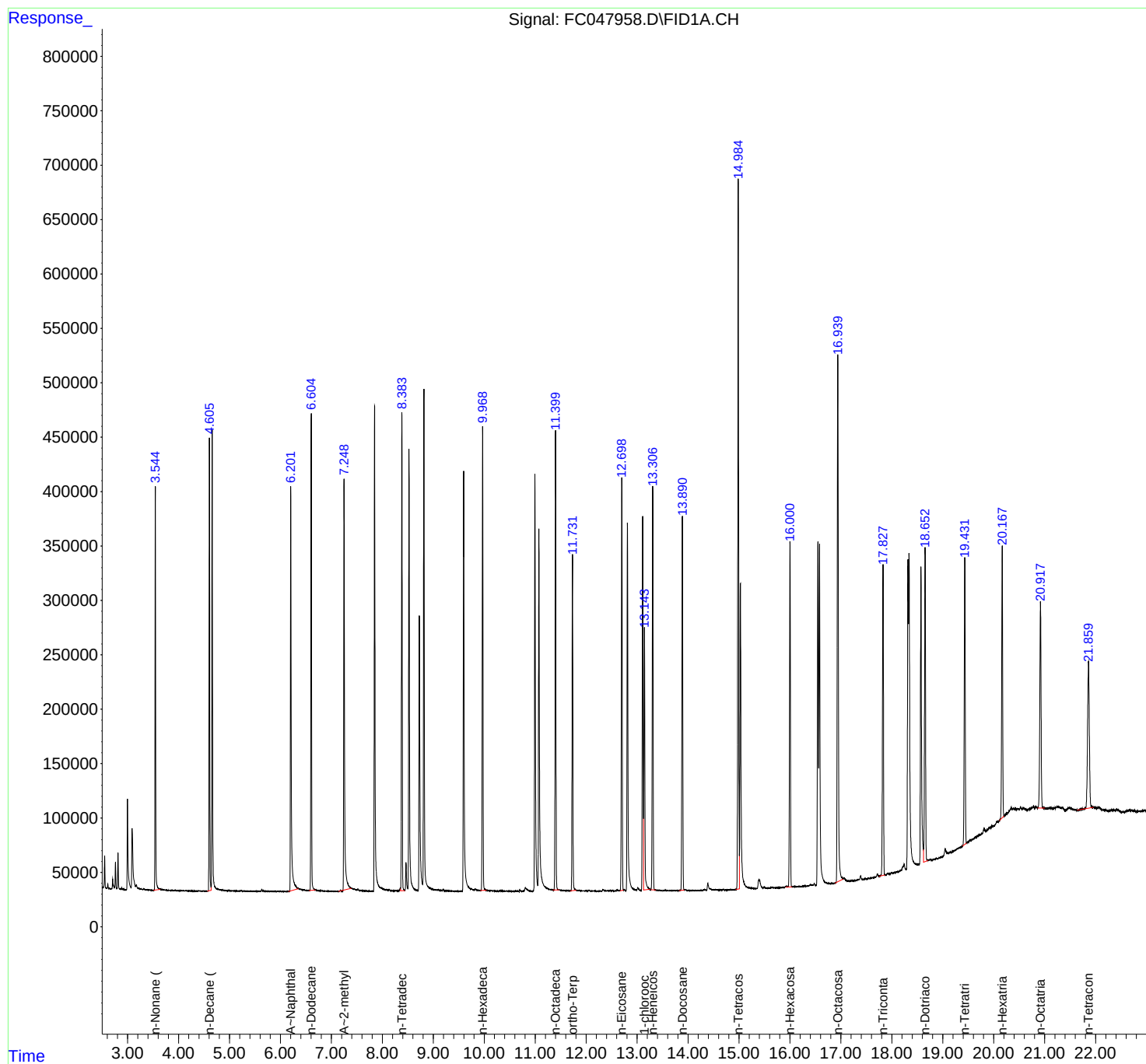
Instrument :
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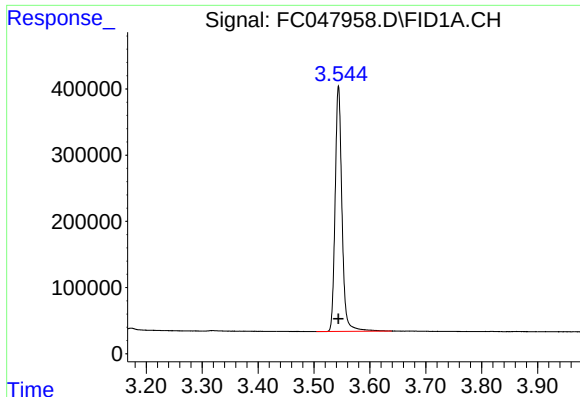
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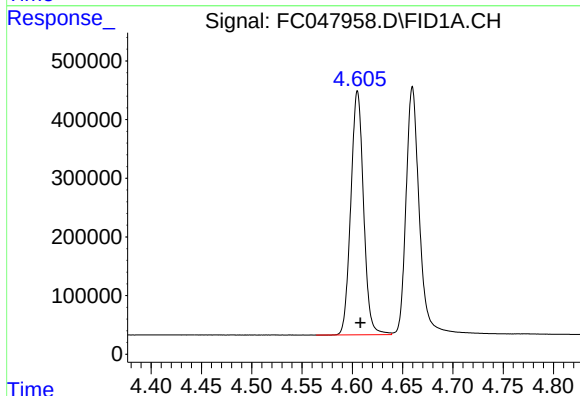
#1 n-Nonane (C9)

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 3147772
Conc: 31.46 ug/ml

Instrument :
FID_C
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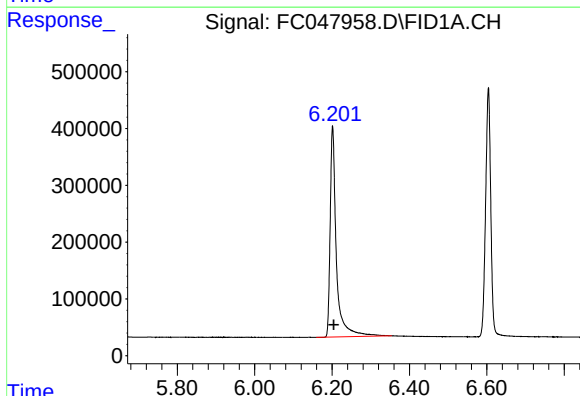
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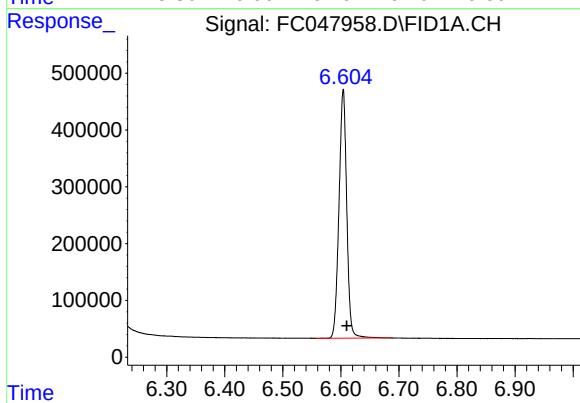
#2 n-Decane (C10)

R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 3661353
Conc: 36.44 ug/ml



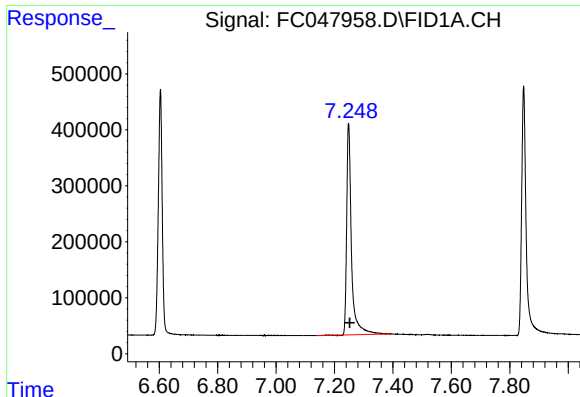
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: -0.003 min
Response: 4138587
Conc: 41.02 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.604 min
Delta R.T.: -0.006 min
Response: 4062280
Conc: 38.81 ug/ml



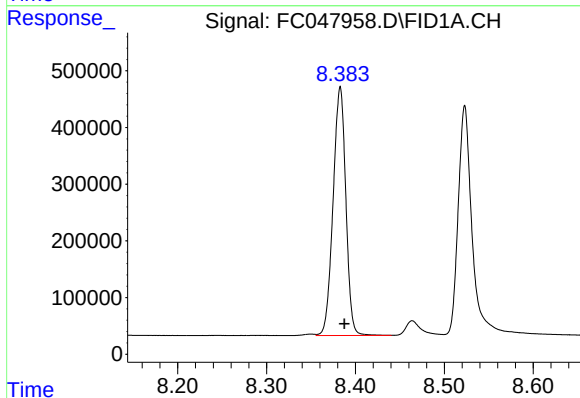
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.248 min
Delta R.T.: -0.004 min
Response: 4337221
Conc: 41.90 ug/ml

Instrument :
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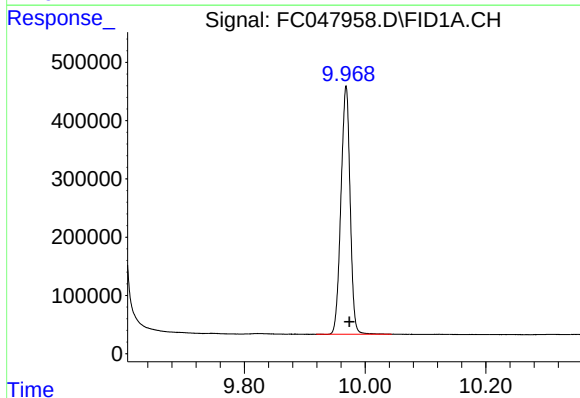
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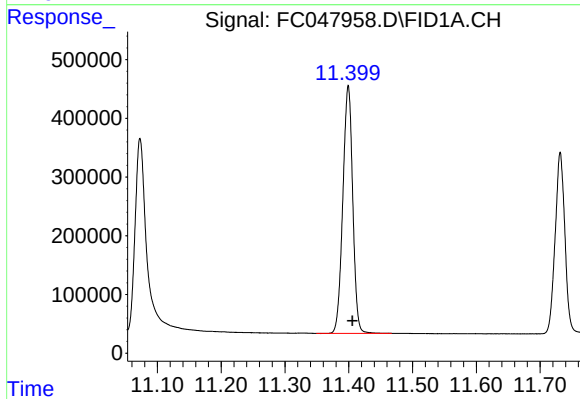
#6 n-Tetradecane (C14)

R.T.: 8.383 min
Delta R.T.: -0.005 min
Response: 4370683
Conc: 41.64 ug/ml



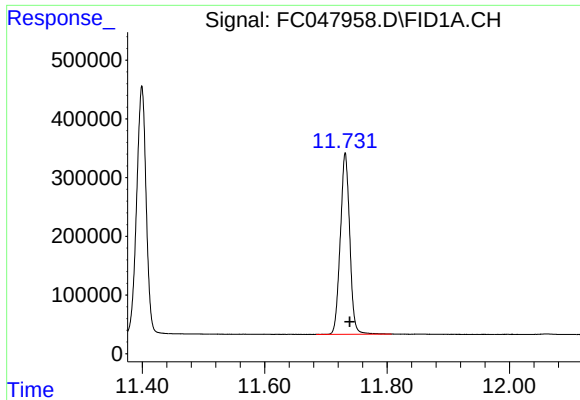
#7 n-Hexadecane (C16)

R.T.: 9.969 min
Delta R.T.: -0.006 min
Response: 4489582
Conc: 42.97 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.399 min
Delta R.T.: -0.007 min
Response: 4531247
Conc: 40.76 ug/ml



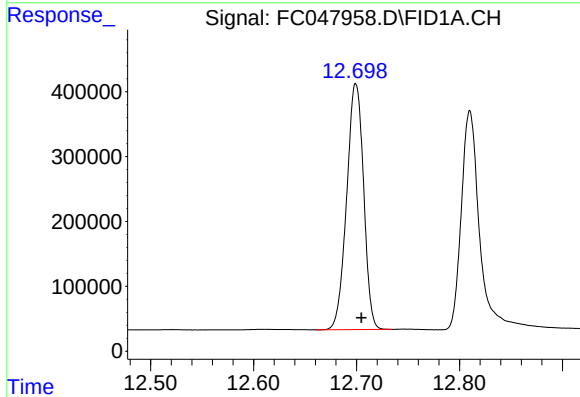
#9 ortho-Terphenyl (SURR)

R.T.: 11.732 min
Delta R.T.: -0.007 min
Response: 3295466
Conc: 27.47 ug/ml

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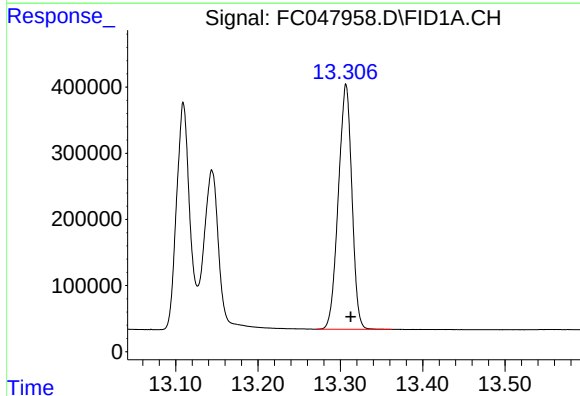
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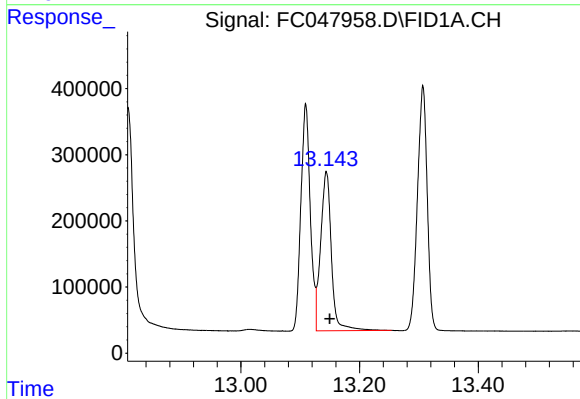
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: -0.005 min
Response: 433556
Conc: 38.10 ug/ml



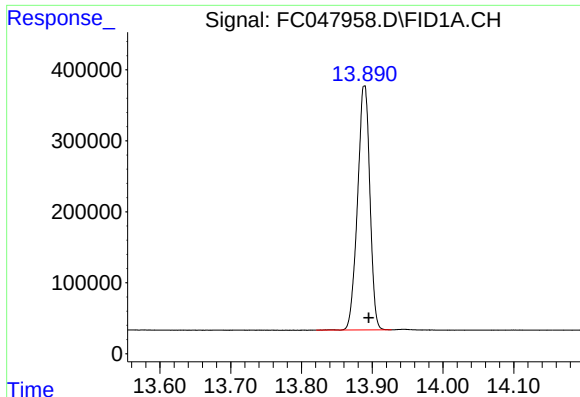
#11 n-Heneicosane (C21)

R.T.: 13.307 min
Delta R.T.: -0.006 min
Response: 4228480
Conc: 36.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.144 min
Delta R.T.: -0.006 min
Response: 3034535
Conc: 30.99 ug/ml



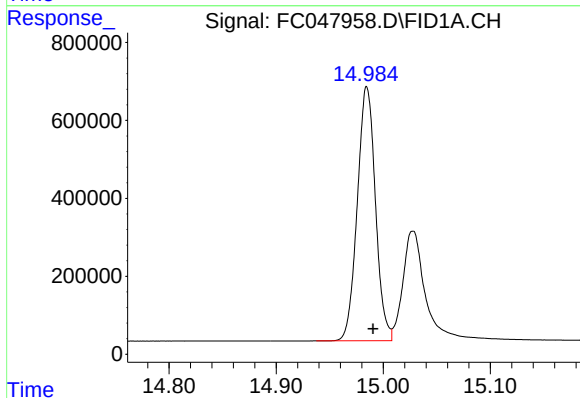
#13 n-Docosane (C22)

R.T.: 13.889 min
Delta R.T.: -0.006 min
Response: 4160283
Conc: 36.27 ug/ml

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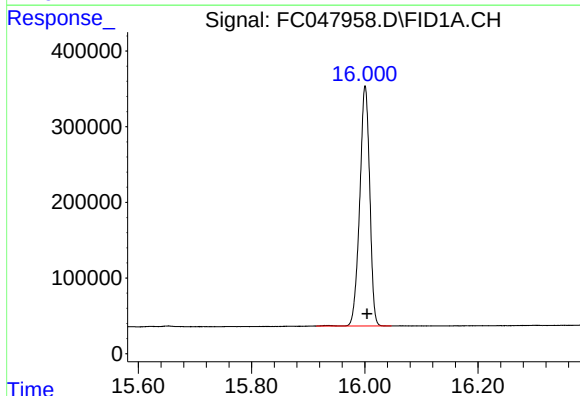
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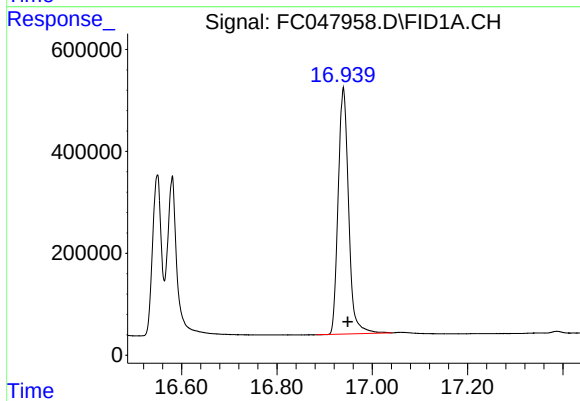
#14 n-Tetracosane (C24)

R.T.: 14.985 min
Delta R.T.: -0.006 min
Response: 7674038
Conc: 66.78 ug/ml



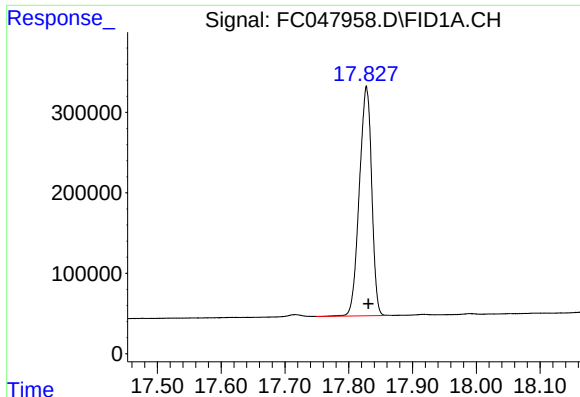
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: -0.004 min
Response: 3877019
Conc: 33.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: -0.009 min
Response: 7411726
Conc: 65.21 ug/ml



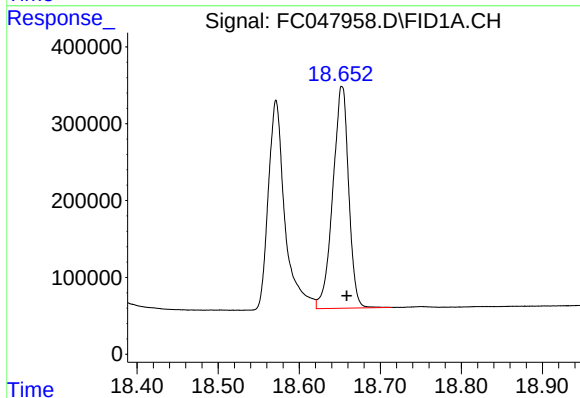
#17 n-Tricontane (C30)

R.T.: 17.828 min
Delta R.T.: -0.003 min
Response: 3834067
Conc: 34.98 ug/ml

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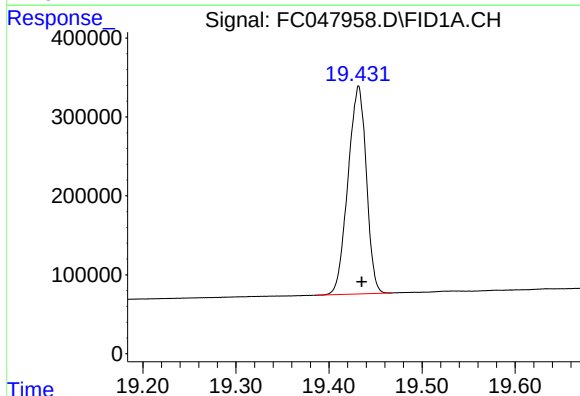
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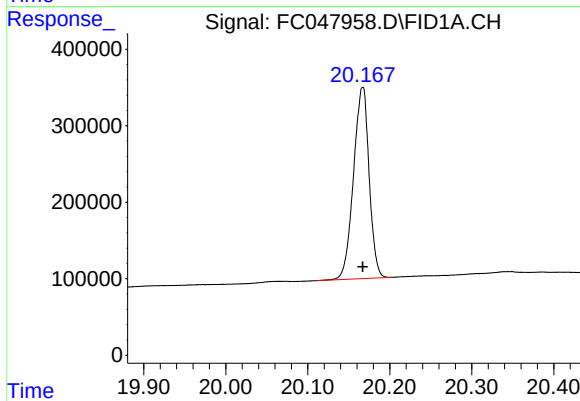
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: -0.006 min
Response: 3927133
Conc: 39.61 ug/ml



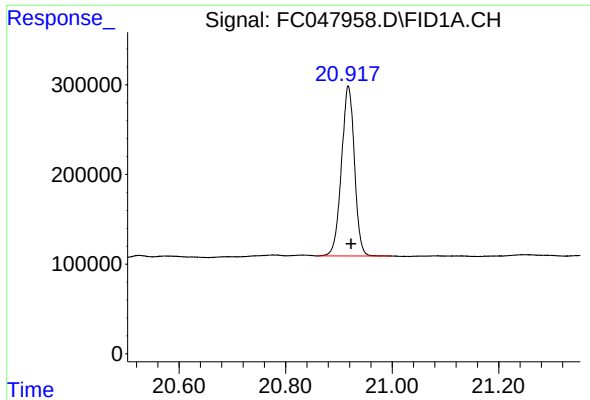
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: -0.004 min
Response: 3607055
Conc: 39.38 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.167 min
Delta R.T.: 0.000 min
Response: 3311162
Conc: 38.61 ug/ml m



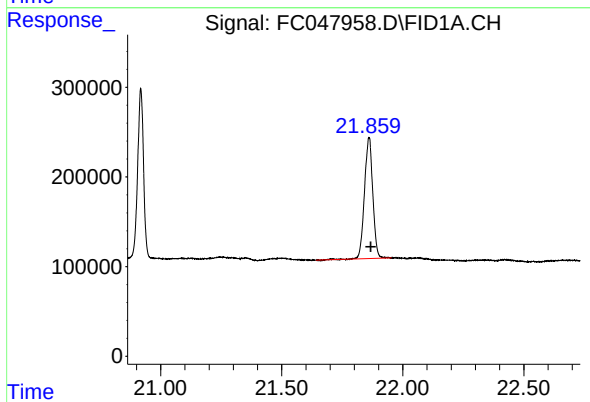
#21 n-Octatriacontane (C38)

R.T.: 20.918 min
Delta R.T.: -0.005 min
Response: 3212676
Conc: 40.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: -0.007 min
Response: 3231340
Conc: 40.87 ug/ml