

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC111921AL\
 Data File : FC056931.D
 Signal(s) : FID1A.CH
 Acq On : 19 Nov 2021 7:29
 Operator : AJ\MA
 Sample : M4744-05MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 B-3-10MS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/19/2021
 Supervised By :Sohil Jodhani 11/22/2021

Integration File: autoint1.e
 Quant Time: Nov 19 08:27:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 2021
 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)	11.599	4338421	37.385 ug/mlm
Spiked Amount 50.000		Recovery =	74.77%
12) S 1-chlorooctadecane (S...	13.030	3603773	39.586 ug/ml
Spiked Amount 50.000		Recovery =	79.17%
Target Compounds			
1) T n-Nonane (C9)	3.362	3623278	35.757 ug/ml
2) T n-Decane (C10)	4.431	4131066	41.253 ug/ml
3) T A~Naphthalene (C11.7)	6.018	4751746	42.555 ug/ml
4) T n-Dodecane (C12)	6.447	4511228	44.493 ug/ml
5) T A~2-methylnaphthalene...	7.075	4896705	44.410 ug/ml
6) T n-Tetradecane (C14)	8.242	4891442	48.277 ug/ml
7) T n-Hexadecane (C16)	9.839	5372574	52.356 ug/ml
8) T n-Octadecane (C18)	11.280	5739124	53.567 ug/ml
10) T n-Eicosane (C20)	12.589	5775147	53.996 ug/mlm
11) T n-Heneicosane (C21)	13.198	5766928	53.253 ug/ml
13) T n-Docosane (C22)	13.783	5771836	53.875 ug/ml
14) T n-Tetracosane (C24)	14.882	11527586	106.485 ug/ml
15) T n-Hexacosane (C26)	15.904	5573404	52.324 ug/mlm
16) T n-Octacosane (C28)	16.846	5618631	52.675 ug/ml
17) T n-Tricontane (C30)	17.733	5201817	48.804 ug/ml
18) T n-Dotriacontane (C32)	18.560	4916938	46.615 ug/mlm
19) T n-Tetratriacontane (C34)	19.338	4411115	42.461 ug/ml
20) T n-Hexatriacontane (C36)	20.074	3938721	38.995 ug/ml
21) T n-Octatriacontane (C38)	20.804	3614725	39.378 ug/ml
22) T n-Tetracontane (C40)	21.714	3551360	39.423 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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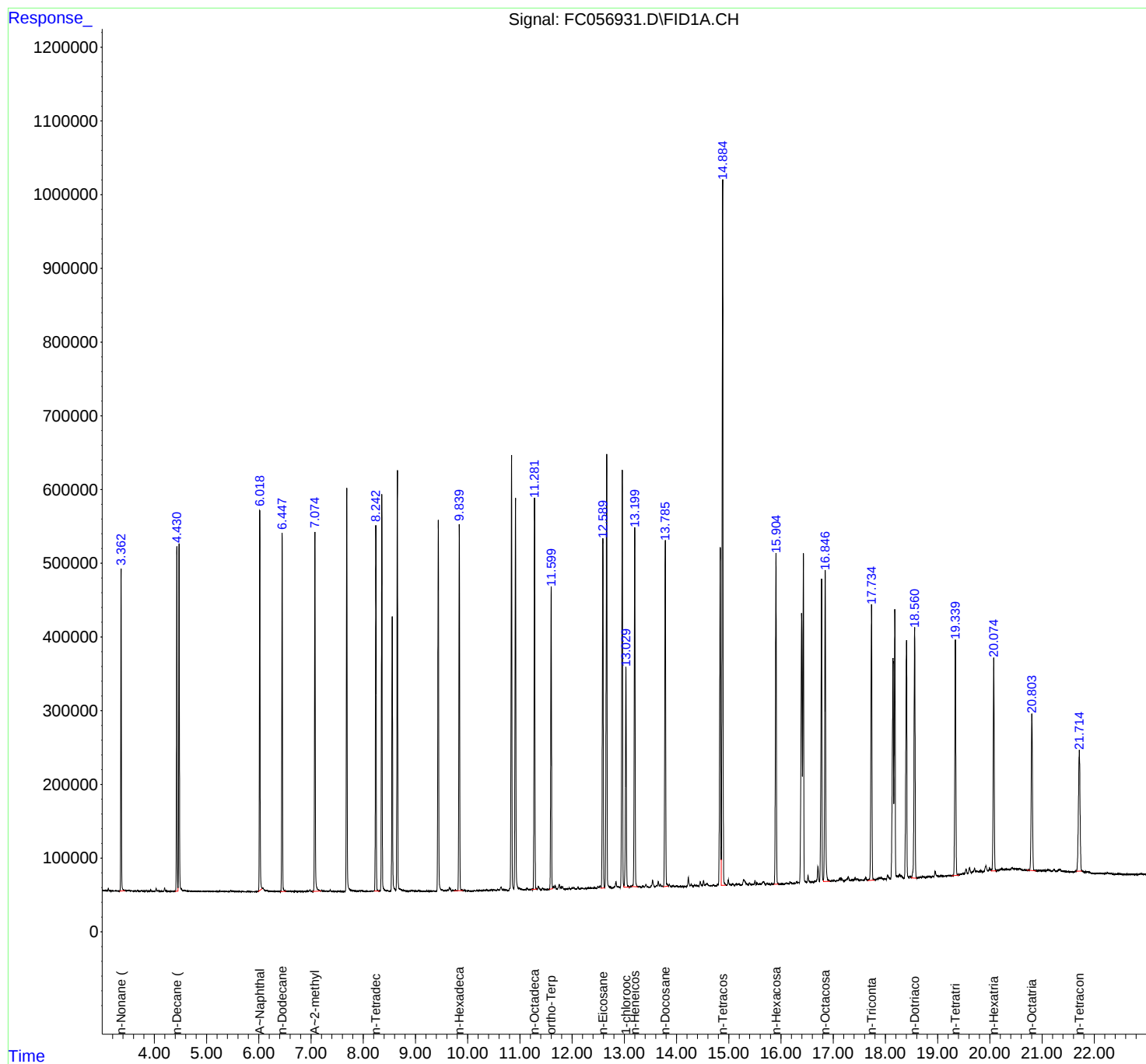
Instrument :
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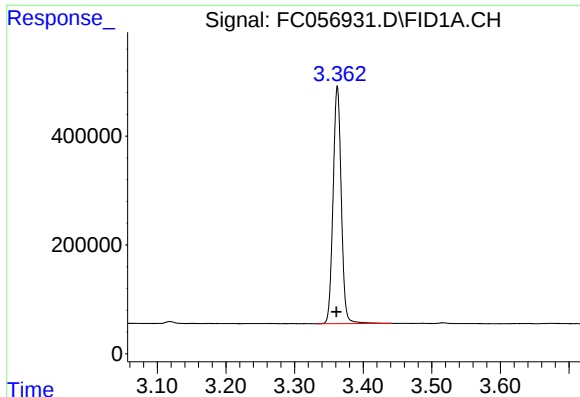
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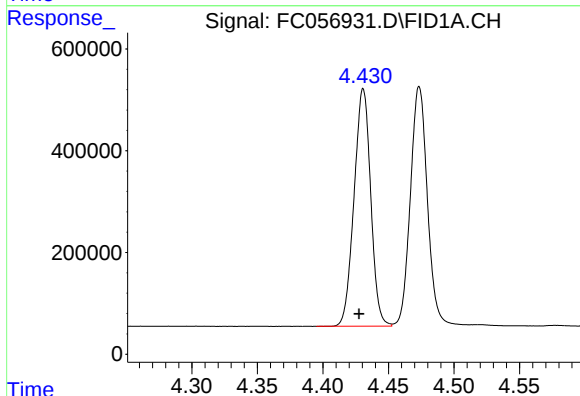
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: 0.001 min
Response: 3623278
Conc: 35.76 ug/ml

Instrument :
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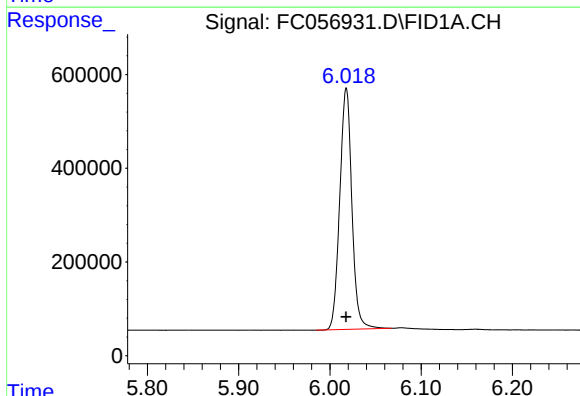
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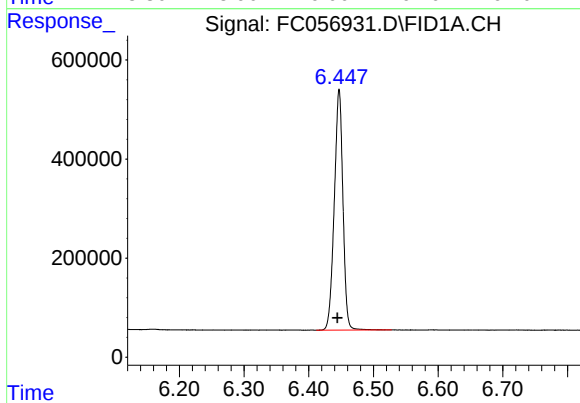
#2 n-Decane (C10)

R.T.: 4.431 min
Delta R.T.: 0.003 min
Response: 4131066
Conc: 41.25 ug/ml



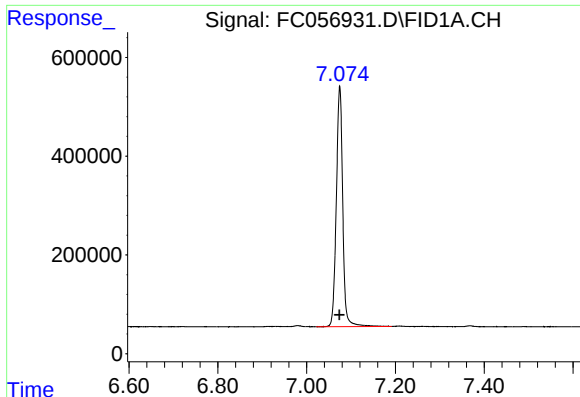
#3 A~Naphthalene (C11.7)

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 4751746
Conc: 42.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.447 min
Delta R.T.: 0.003 min
Response: 4511228
Conc: 44.49 ug/ml



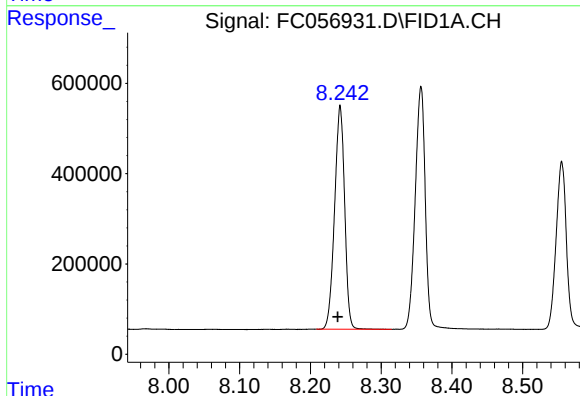
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 4896705
Conc: 44.41 ug/ml

Instrument :
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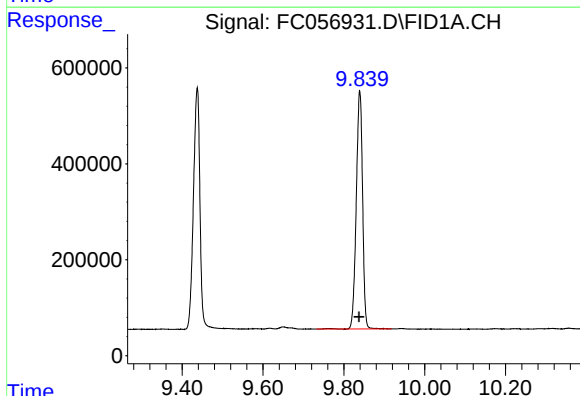
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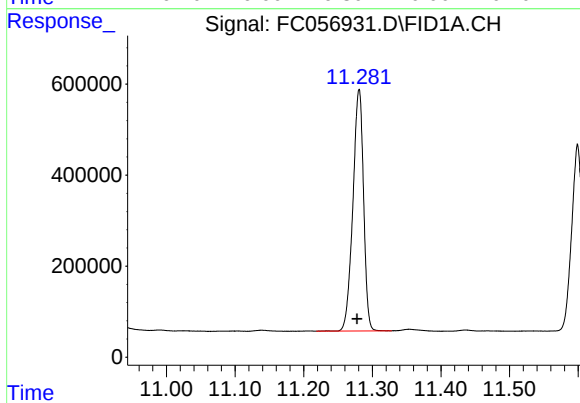
#6 n-Tetradecane (C14)

R.T.: 8.242 min
Delta R.T.: 0.003 min
Response: 4891442
Conc: 48.28 ug/ml



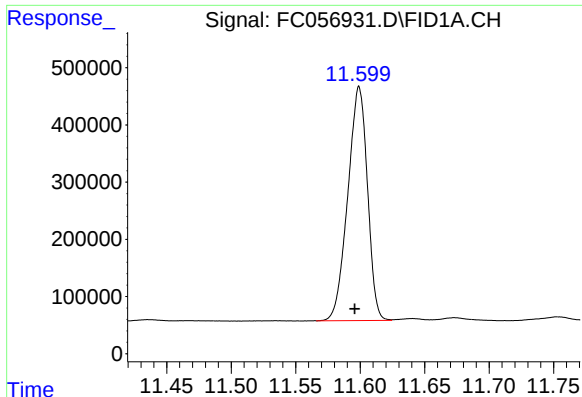
#7 n-Hexadecane (C16)

R.T.: 9.839 min
Delta R.T.: 0.001 min
Response: 5372574
Conc: 52.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.002 min
Response: 5739124
Conc: 53.57 ug/ml



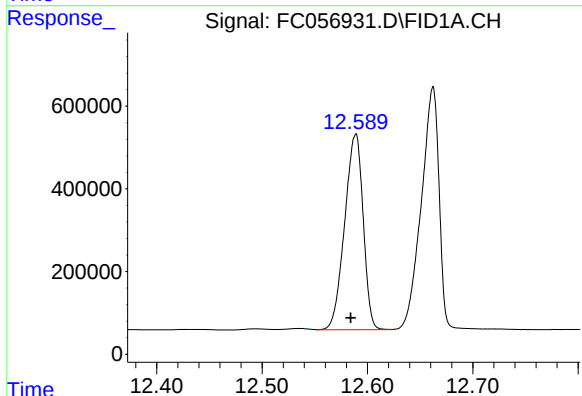
#9 ortho-Terphenyl (SURR)

R.T.: 11.599 min
Delta R.T.: 0.003 min
Response: 4338421
Conc: 37.39 ug/ml

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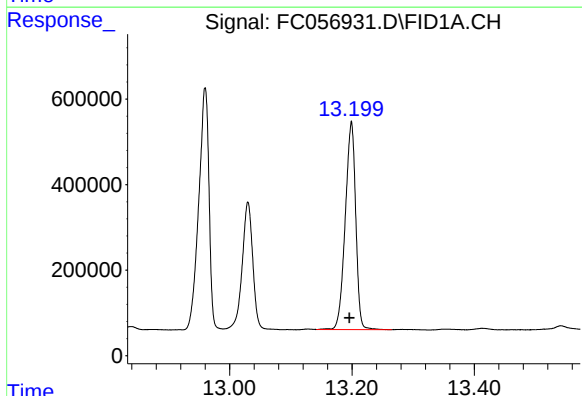
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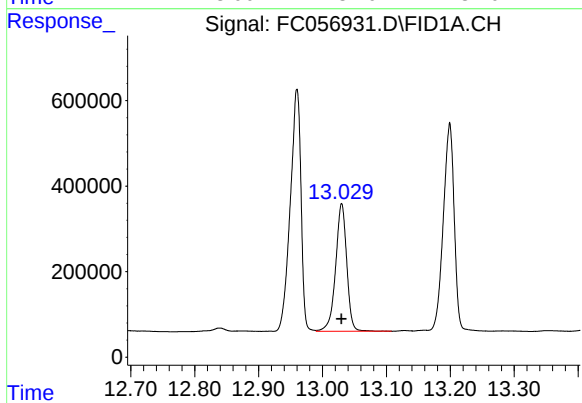
#10 n-Eicosane (C20)

R.T.: 12.589 min
Delta R.T.: 0.005 min
Response: 5775147
Conc: 54.00 ug/ml m



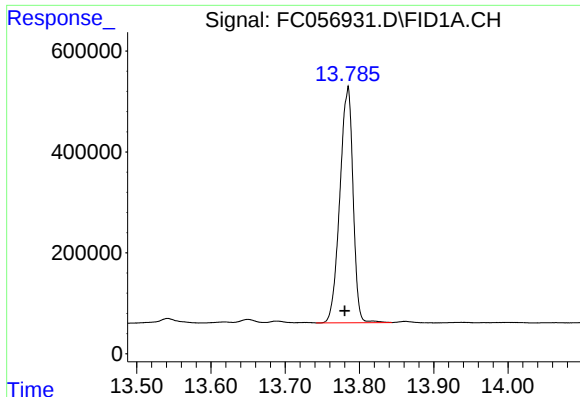
#11 n-Heneicosane (C21)

R.T.: 13.198 min
Delta R.T.: 0.003 min
Response: 5766928
Conc: 53.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.030 min
Delta R.T.: 0.000 min
Response: 3603773
Conc: 39.59 ug/ml



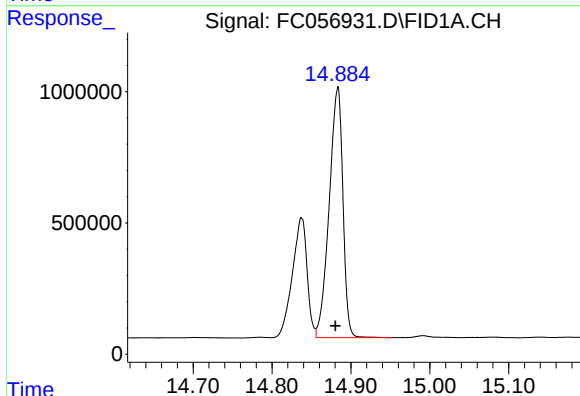
#13 n-Docosane (C22)

R.T.: 13.783 min
Delta R.T.: 0.003 min
Response: 5771836
Conc: 53.87 ug/ml

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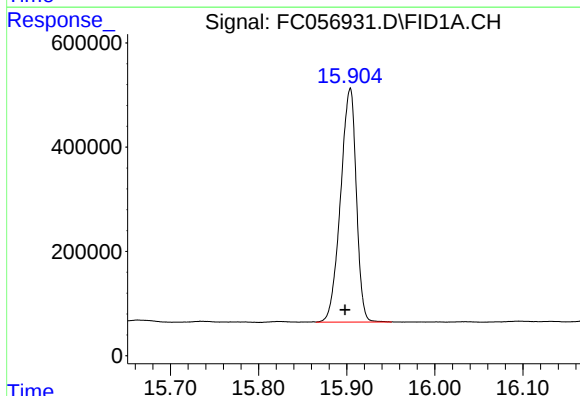
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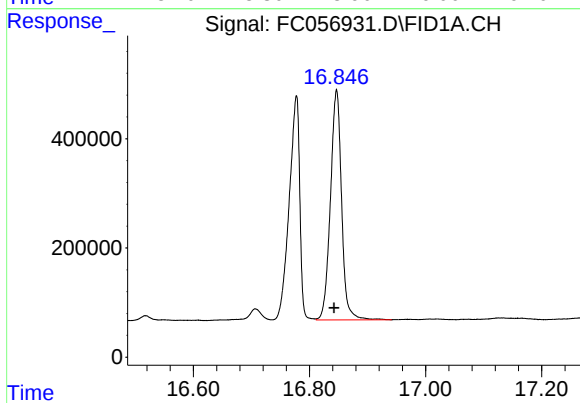
#14 n-Tetracosane (C24)

R.T.: 14.882 min
Delta R.T.: 0.001 min
Response: 11527586
Conc: 106.48 ug/ml



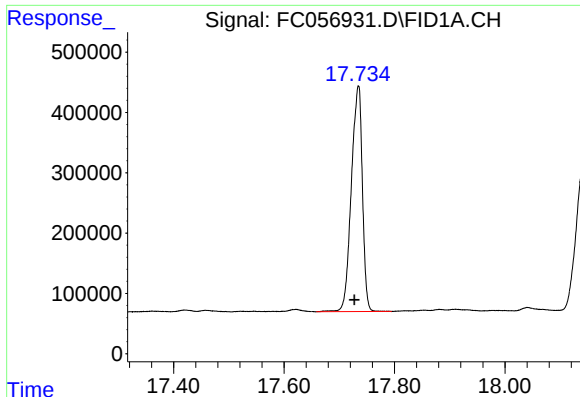
#15 n-Hexacosane (C26)

R.T.: 15.904 min
Delta R.T.: 0.006 min
Response: 5573404
Conc: 52.32 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.846 min
Delta R.T.: 0.004 min
Response: 5618631
Conc: 52.68 ug/ml



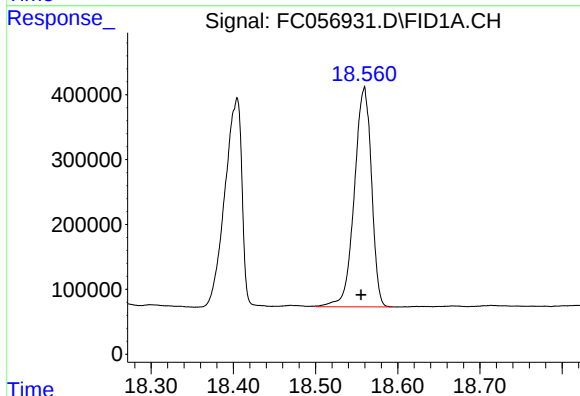
#17 n-Tricontane (C30)

R.T.: 17.733 min
Delta R.T.: 0.005 min
Response: 5201817
Conc: 48.80 ug/ml

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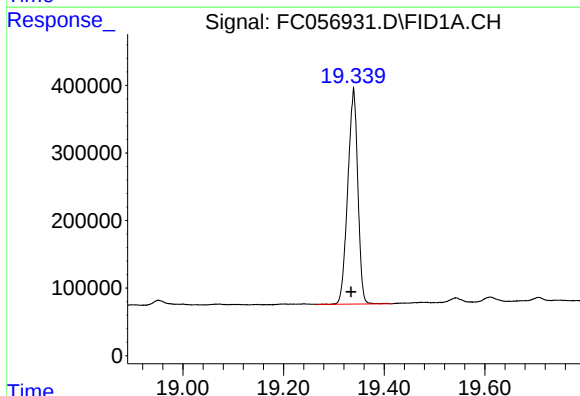
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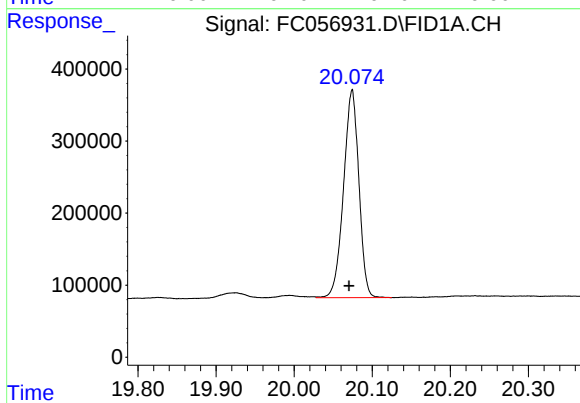
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: 0.004 min
Response: 4916938
Conc: 46.61 ug/ml m



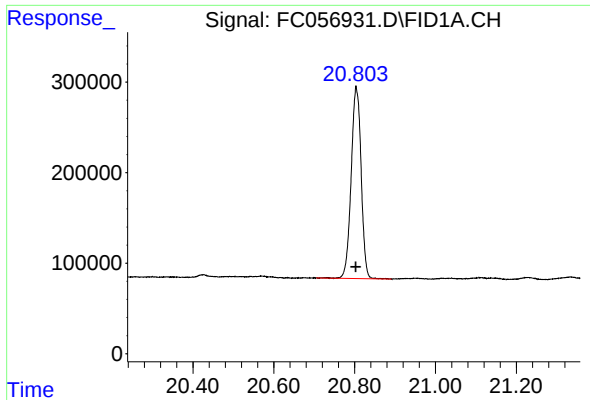
#19 n-Tetratriacontane (C34)

R.T.: 19.338 min
Delta R.T.: 0.004 min
Response: 4411115
Conc: 42.46 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: 0.003 min
Response: 3938721
Conc: 38.99 ug/ml



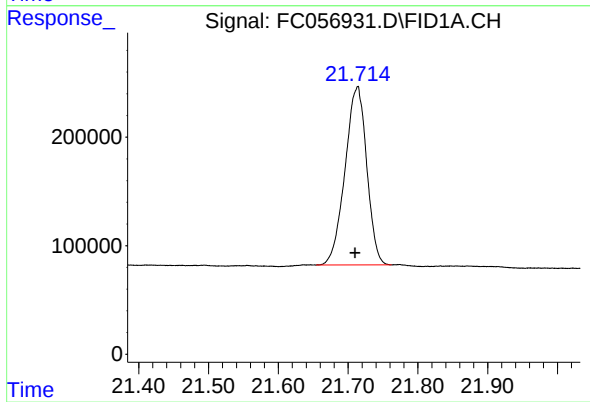
#21 n-Octatriacontane (C38)

R.T.: 20.804 min
Delta R.T.: 0.001 min
Response: 3614725
Conc: 39.38 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.714 min
Delta R.T.: 0.004 min
Response: 3551360
Conc: 39.42 ug/ml m