

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120320AL\
 Data File : FC051103.D
 Signal(s) : FID1A.CH
 Acq On : 03 Dec 2020 19:59
 Operator : DD\AJ
 Sample : L4931-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 R-LA-33-1MSD

Manual Integrations
 APPROVED

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 12/7/2020 12:16:25 PM

Integration File: autoint1.e
 Quant Time: Dec 04 00:28:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.598	3690899	29.997 ug/ml
Spiked Amount 50.000		Recovery =	59.99%
12) S 1-chlorooctadecane (S...	13.032	3002114	30.774 ug/ml
Spiked Amount 50.000		Recovery =	61.55%
Target Compounds			
1) T n-Nonane (C9)	3.371	5609951	52.715 ug/ml
2) T n-Decane (C10)	4.429	5990945	56.408 ug/ml
3) T A~Naphthalene (C11.7)	6.015	6709266	59.678 ug/ml
4) T n-Dodecane (C12)	6.441	6160029	56.615 ug/ml
5) T A~2-methylnaphthalene...	7.072	6620609	58.582 ug/ml
6) T n-Tetradecane (C14)	8.236	6188026	57.190 ug/ml
7) T n-Hexadecane (C16)	9.837	5998967	55.901 ug/ml
8) T n-Octadecane (C18)	11.280	6004328	52.643 ug/ml
10) T n-Eicosane (C20)	12.588	5868038	50.512 ug/ml
11) T n-Heneicosane (C21)	13.200	5782235	49.906 ug/ml
13) T n-Docosane (C22)	13.786	5710101	49.300 ug/ml
14) T n-Tetracosane (C24)	14.891	11342019	98.618 ug/ml
15) T n-Hexacosane (C26)	15.909	5442794	48.339 ug/ml
16) T n-Octacosane (C28)	16.857	5733739	51.783 ug/ml
17) T n-Tricontane (C30)	17.746	5247356	49.398 ug/ml
18) T n-Dotriacontane (C32)	18.573	5187511	53.091 ug/ml
19) T n-Tetratriacontane (C34)	19.356	4738893	53.097 ug/mlm
20) T n-Hexatriacontane (C36)	20.094	4239415	50.830 ug/ml
21) T n-Octatriacontane (C38)	20.836	3771454	48.429 ug/mlm
22) T n-Tetracontane (C40)	21.757	3777738	45.626 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Acq On : 03 Dec 2020 19:59
Operator : DD\AJ
Sample : L4931-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

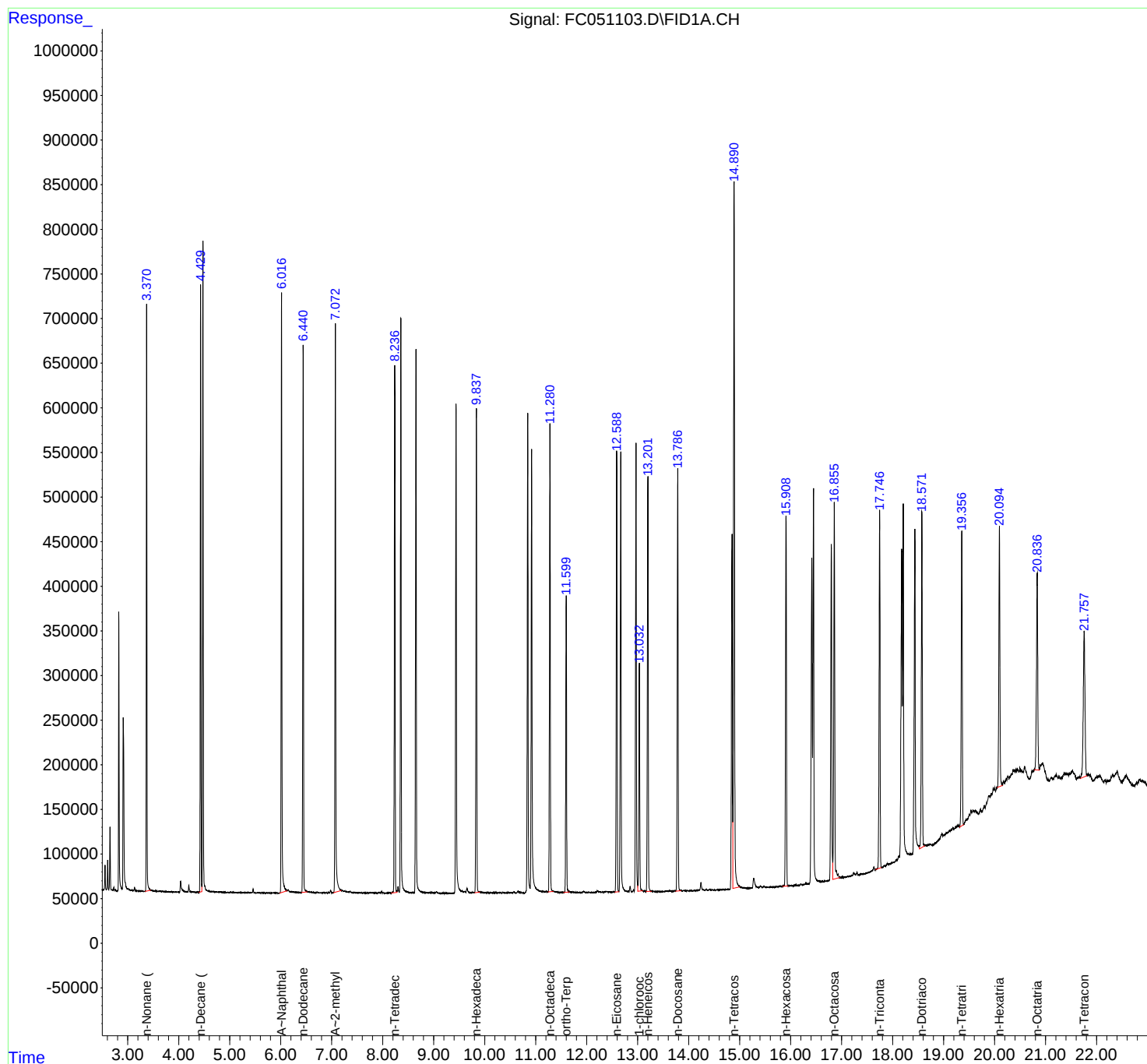
Instrument :
FID_C
ClientSampled :
R-LA-33-1MSD

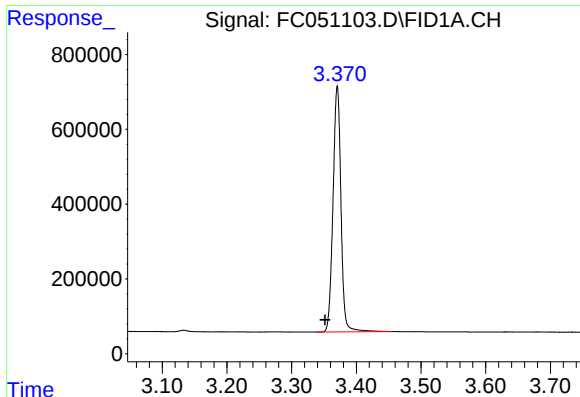
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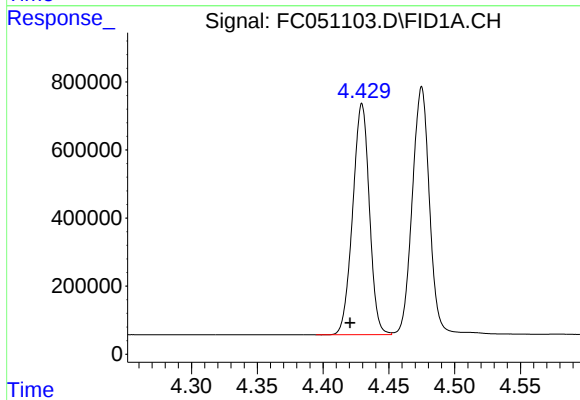
#1 n-Nonane (C9)

R.T.: 3.371 min
Delta R.T.: 0.019 min
Response: 5609951
Conc: 52.71 ug/ml

Instrument :
FID_C
ClientSampleId :
R-LA-33-1MSD

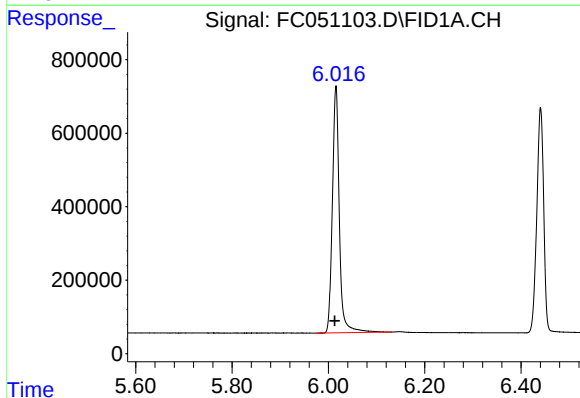
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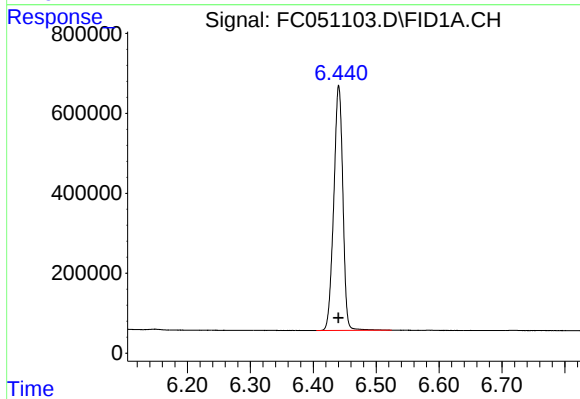
#2 n-Decane (C10)

R.T.: 4.429 min
Delta R.T.: 0.009 min
Response: 5990945
Conc: 56.41 ug/ml



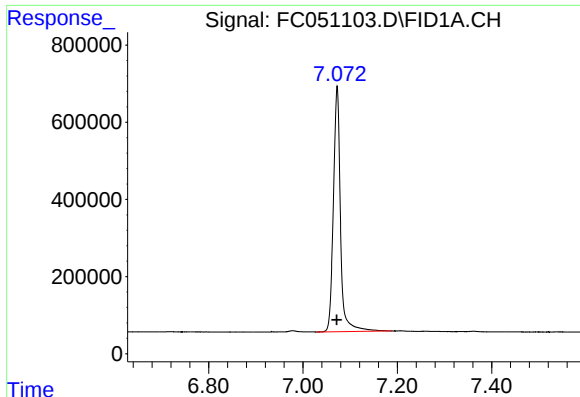
#3 A~Naphthalene (C11.7)

R.T.: 6.015 min
Delta R.T.: 0.002 min
Response: 6709266
Conc: 59.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.441 min
Delta R.T.: 0.000 min
Response: 6160029
Conc: 56.61 ug/ml



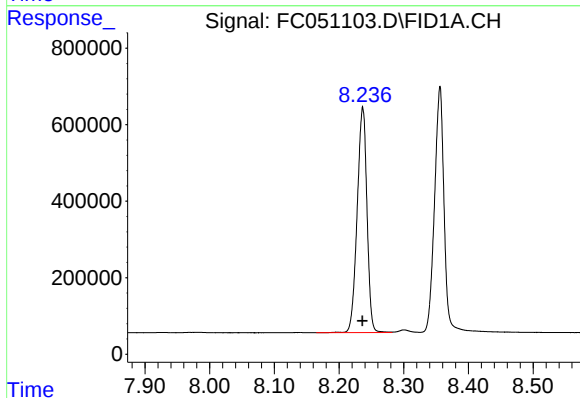
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 6620609
Conc: 58.58 ug/ml

Instrument :
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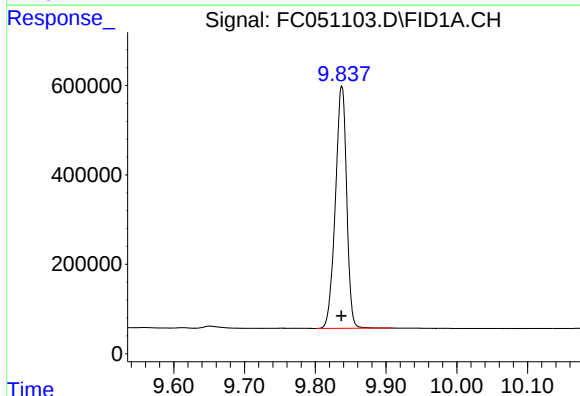
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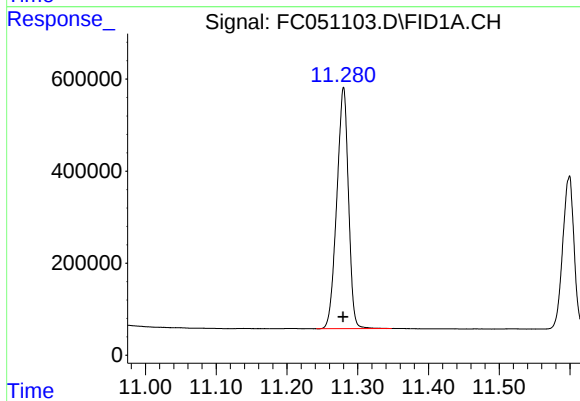
#6 n-Tetradecane (C14)

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 6188026
Conc: 57.19 ug/ml



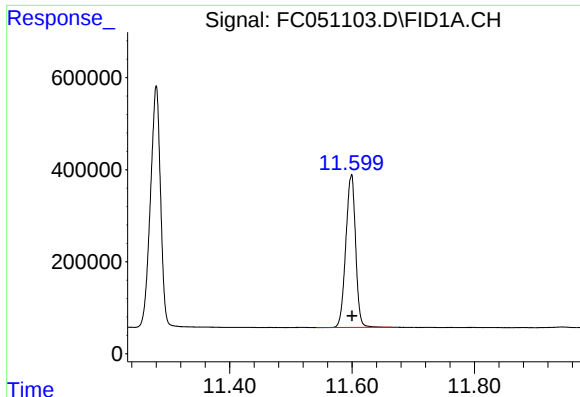
#7 n-Hexadecane (C16)

R.T.: 9.837 min
Delta R.T.: 0.000 min
Response: 5998967
Conc: 55.90 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: 0.000 min
Response: 6004328
Conc: 52.64 ug/ml



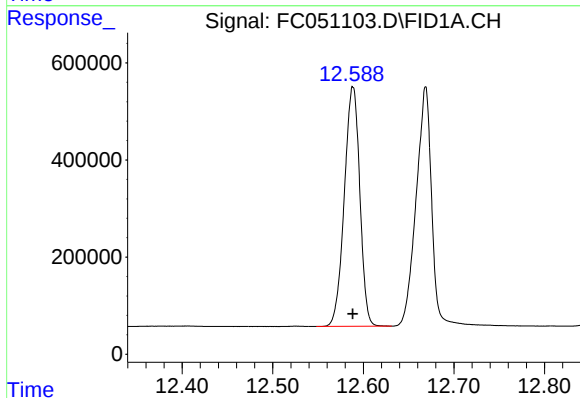
#9 ortho-Terphenyl (SURR)

R.T.: 11.598 min
Delta R.T.: -0.001 min
Response: 3690899
Conc: 30.00 ug/ml

Instrument :
FID_C
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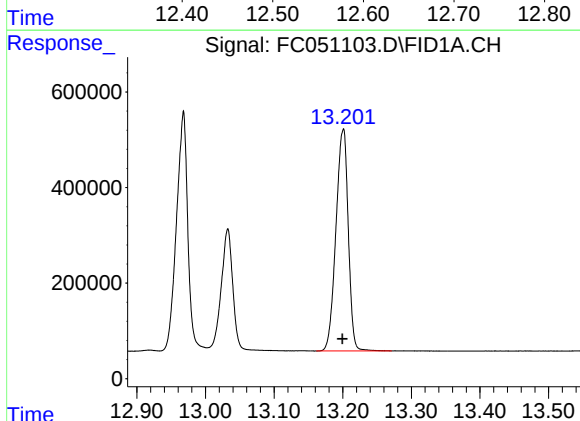
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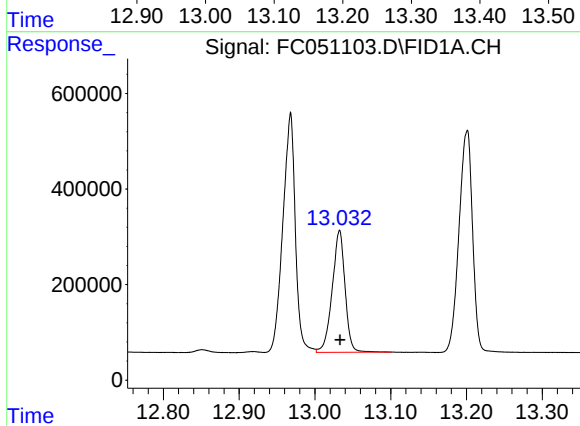
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: 0.000 min
Response: 5868038
Conc: 50.51 ug/ml



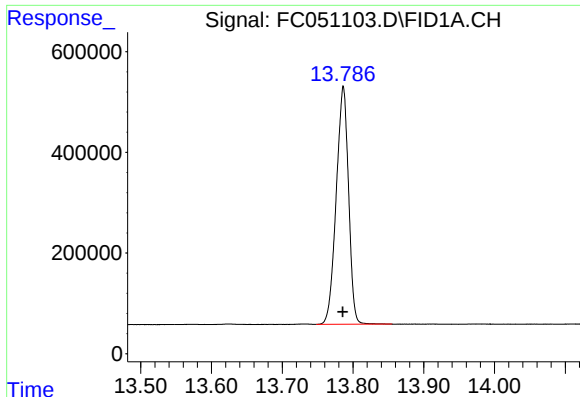
#11 n-Heneicosane (C21)

R.T.: 13.200 min
Delta R.T.: 0.000 min
Response: 5782235
Conc: 49.91 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.032 min
Delta R.T.: -0.001 min
Response: 3002114
Conc: 30.77 ug/ml



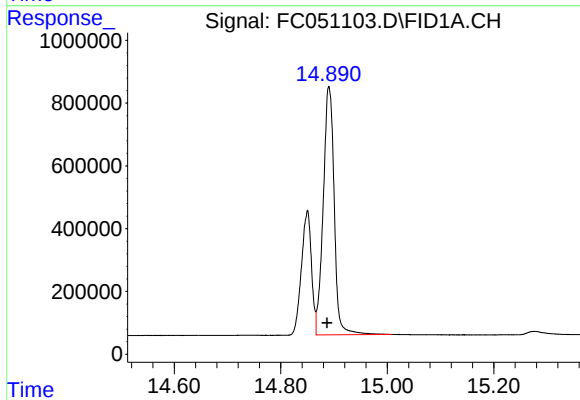
#13 n-Docosane (C22)

R.T.: 13.786 min
Delta R.T.: 0.000 min
Response: 5710101
Conc: 49.30 ug/ml

Instrument :
FID_C
ClientSampleId :
R-LA-33-1MSD

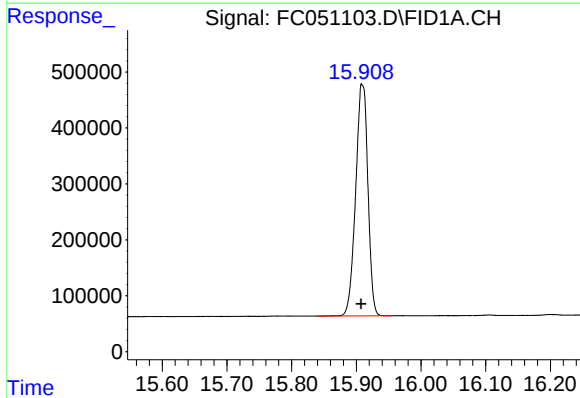
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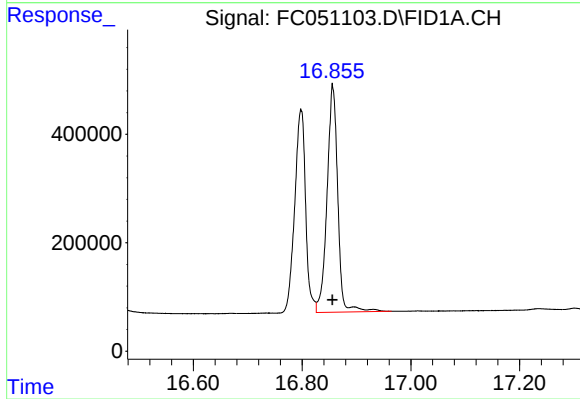
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: 0.003 min
Response: 11342019
Conc: 98.62 ug/ml



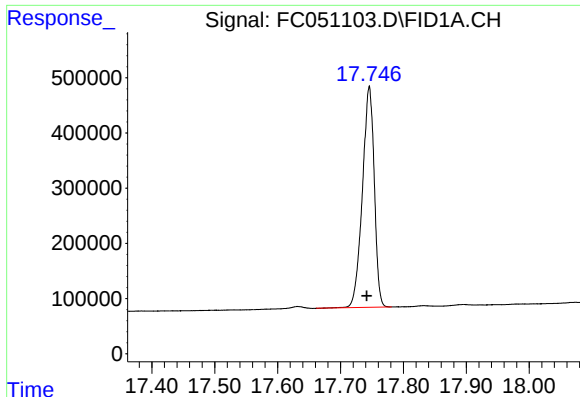
#15 n-Hexacosane (C26)

R.T.: 15.909 min
Delta R.T.: 0.002 min
Response: 5442794
Conc: 48.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.857 min
Delta R.T.: 0.000 min
Response: 5733739
Conc: 51.78 ug/ml



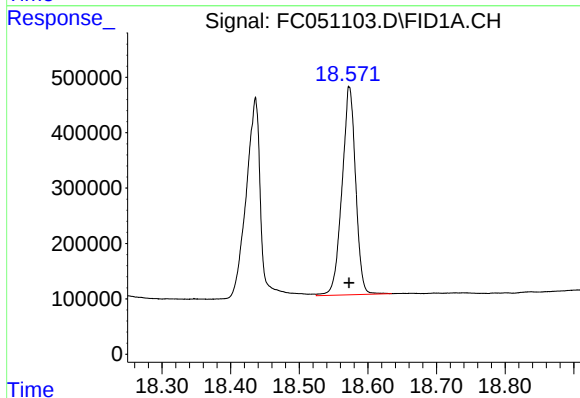
#17 n-Tricontane (C30)

R.T.: 17.746 min
Delta R.T.: 0.004 min
Response: 5247356
Conc: 49.40 ug/ml

Instrument :
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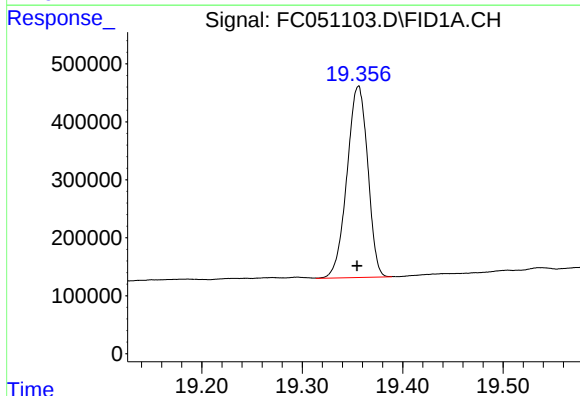
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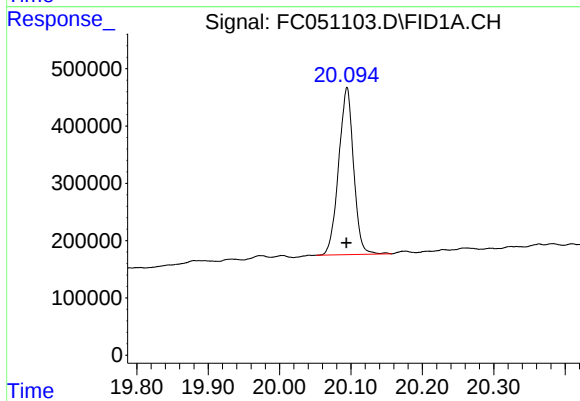
#18 n-Dotriacontane (C32)

R.T.: 18.573 min
Delta R.T.: 0.000 min
Response: 5187511
Conc: 53.09 ug/ml



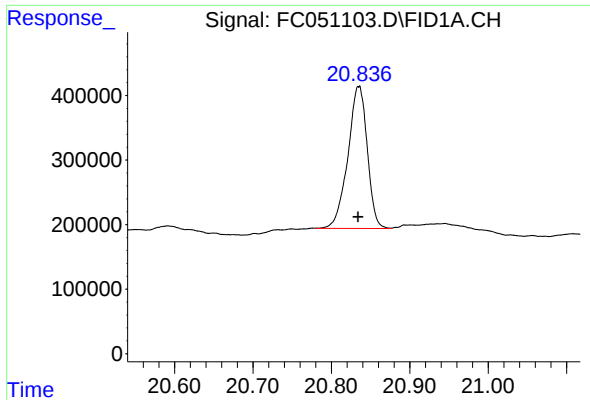
#19 n-Tetratriacontane (C34)

R.T.: 19.356 min
Delta R.T.: 0.002 min
Response: 4738893
Conc: 53.10 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.094 min
Delta R.T.: 0.000 min
Response: 4239415
Conc: 50.83 ug/ml



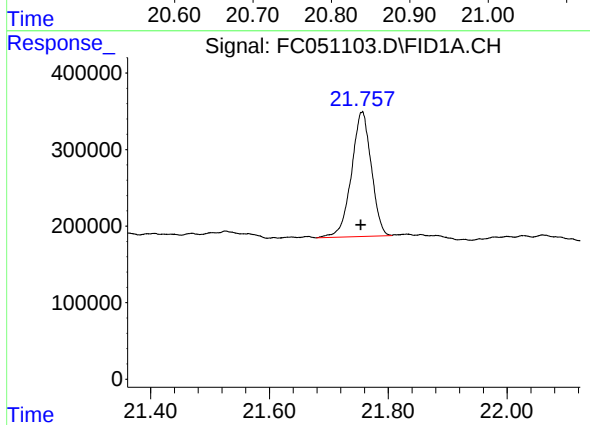
#21 n-Octatriacontane (C38)

R.T.: 20.836 min
Delta R.T.: 0.002 min
Response: 3771454
Conc: 48.43 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.757 min
Delta R.T.: 0.003 min
Response: 3777738
Conc: 45.63 ug/ml m