

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083021AL\
 Data File : FC055456.D
 Signal(s) : FID1A.CH
 Acq On : 31 Aug 2021 5:03
 Operator : AJ\MA
 Sample : M3569-01MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

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 8/31/2021 12:52:50 PM

Integration File: autoint1.e
 Quant Time: Aug 31 07:51:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.666	4792182	38.360 ug/ml
Spiked Amount 50.000		Recovery =	76.72%
12) S 1-chlorooctadecane (S...	13.100	3744298	37.834 ug/mlm
Spiked Amount 50.000		Recovery =	75.67%
Target Compounds			
1) T n-Nonane (C9)	3.404	3879523	35.890 ug/ml
2) T n-Decane (C10)	4.474	4410863	40.452 ug/ml
3) T A~Naphthalene (C11.7)	6.064	5263917	42.719 ug/ml
4) T n-Dodecane (C12)	6.497	4880597	44.574 ug/ml
5) T A~2-methylnaphthalene...	7.124	5376626	43.204 ug/ml
6) T n-Tetradecane (C14)	8.298	5530764	49.658 ug/ml
7) T n-Hexadecane (C16)	9.900	5901395	52.218 ug/ml
8) T n-Octadecane (C18)	11.345	6096149	52.360 ug/ml
10) T n-Eicosane (C20)	12.656	5921055	50.674 ug/ml
11) T n-Heneicosane (C21)	13.269	5884659	49.999 ug/ml
13) T n-Docosane (C22)	13.855	5804660	49.761 ug/ml
14) T n-Tetracosane (C24)	14.957	3213208	27.591 ug/mlm
15) T n-Hexacosane (C26)	15.983	5436964	47.994 ug/mlm
16) T n-Octacosane (C28)	16.931	5302972	47.923 ug/mlm
17) T n-Tricontane (C30)	17.822	4948546	46.538 ug/ml
18) T n-Dotriacontane (C32)	18.653	4629674	46.195 ug/ml
19) T n-Tetratriacontane (C34)	19.438	4156792	44.044 ug/ml
20) T n-Hexatriacontane (C36)	20.177	3701504	42.632 ug/ml
21) T n-Octatriacontane (C38)	20.933	3490362	42.822 ug/ml
22) T n-Tetracontane (C40)	21.879	3631772	45.219 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : AJ\MA
Sample : M3569-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

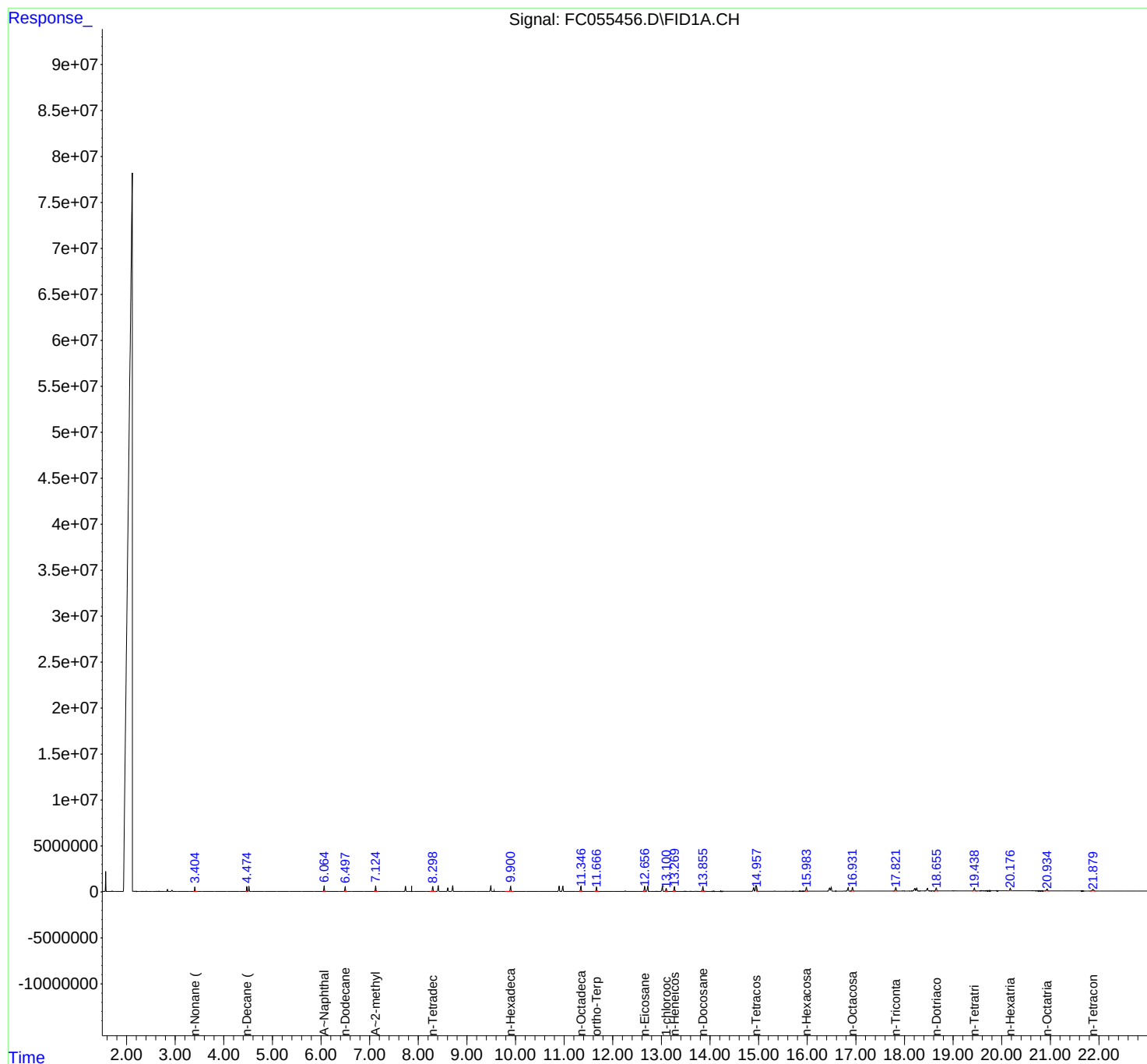
Instrument :
FID_C
ClientSampleId :
S-1MS

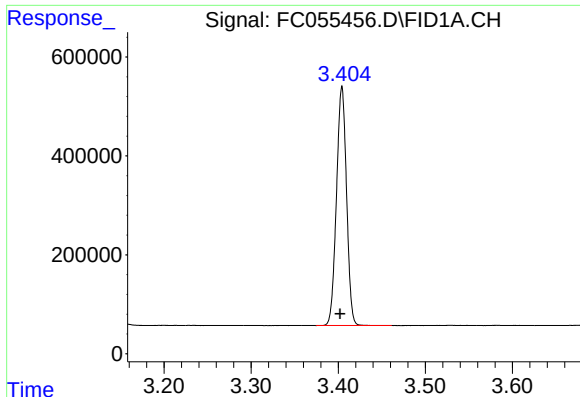
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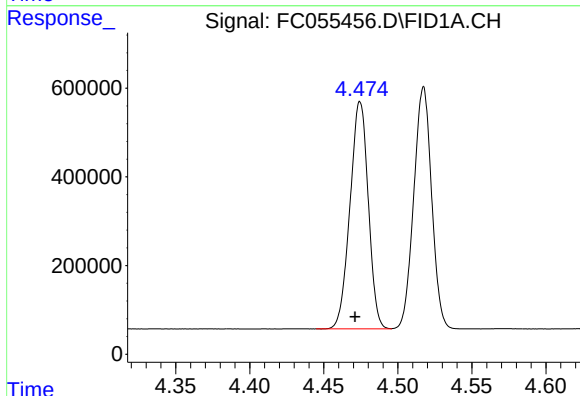
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: 0.002 min
Response: 3879523
Conc: 35.89 ug/ml

Instrument :
FID_C
ClientSampleId :
S-1MS

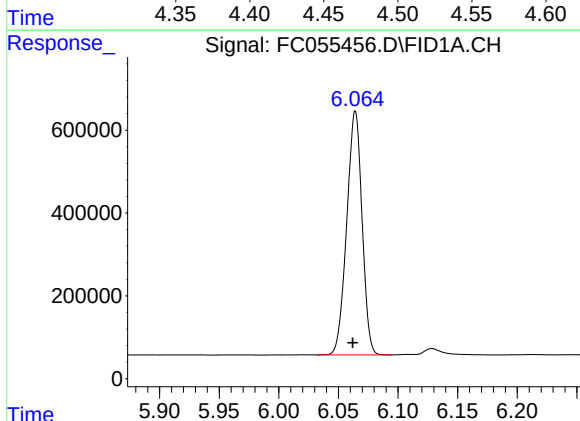
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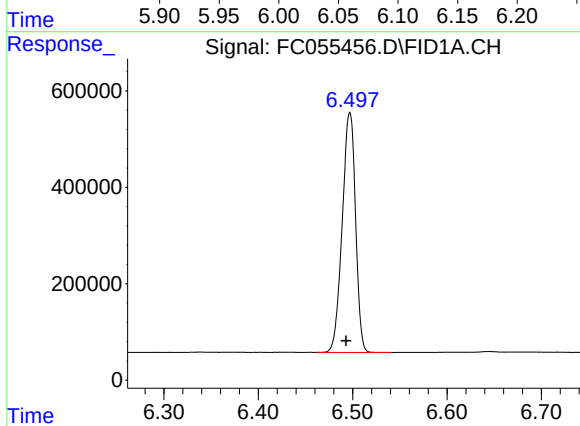
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.003 min
Response: 4410863
Conc: 40.45 ug/ml



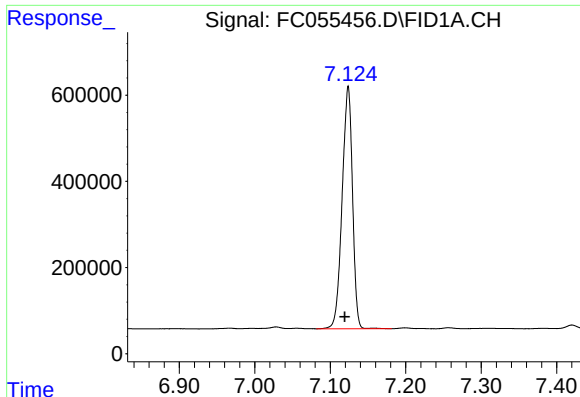
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 5263917
Conc: 42.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.497 min
Delta R.T.: 0.004 min
Response: 4880597
Conc: 44.57 ug/ml



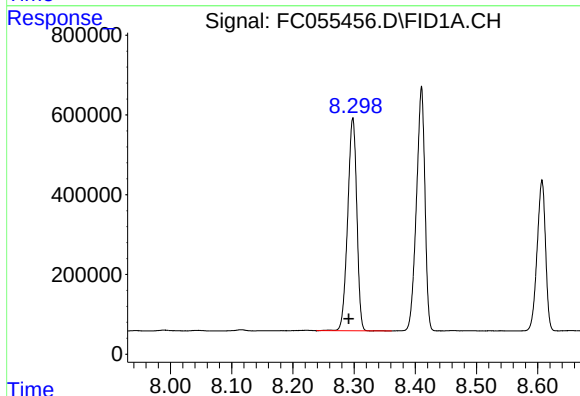
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.124 min
Delta R.T.: 0.004 min
Response: 5376626
Conc: 43.20 ug/ml

Instrument :
FID_C
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S-1MS

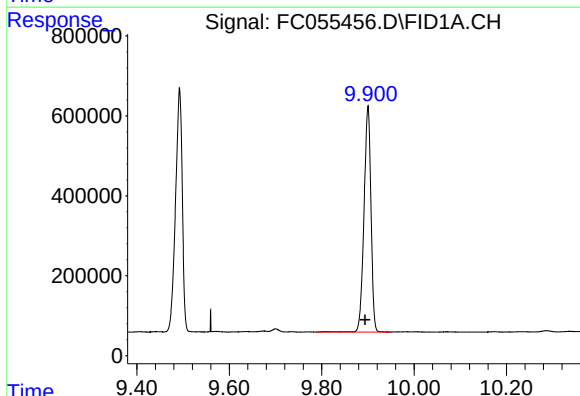
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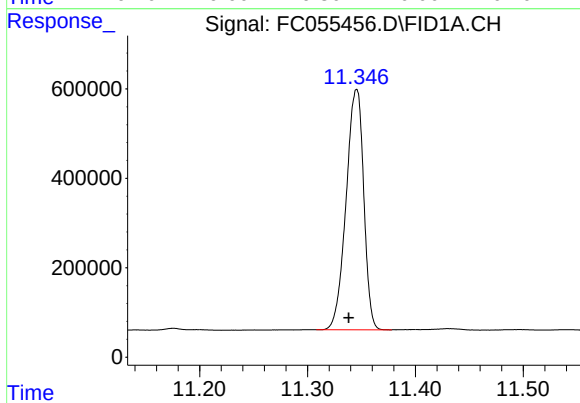
#6 n-Tetradecane (C14)

R.T.: 8.298 min
Delta R.T.: 0.006 min
Response: 5530764
Conc: 49.66 ug/ml



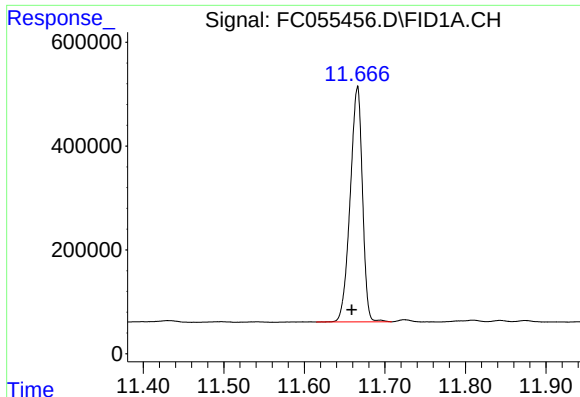
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.006 min
Response: 5901395
Conc: 52.22 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.345 min
Delta R.T.: 0.007 min
Response: 6096149
Conc: 52.36 ug/ml



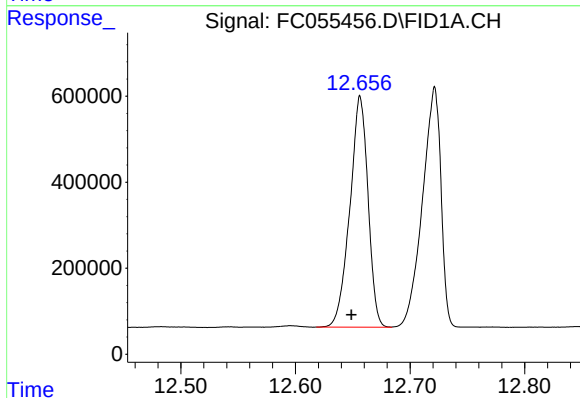
#9 ortho-Terphenyl (SURR)

R.T.: 11.666 min
Delta R.T.: 0.007 min
Response: 4792182
Conc: 38.36 ug/ml

Instrument :
FID_C
ClientSampleId :
S-1MS

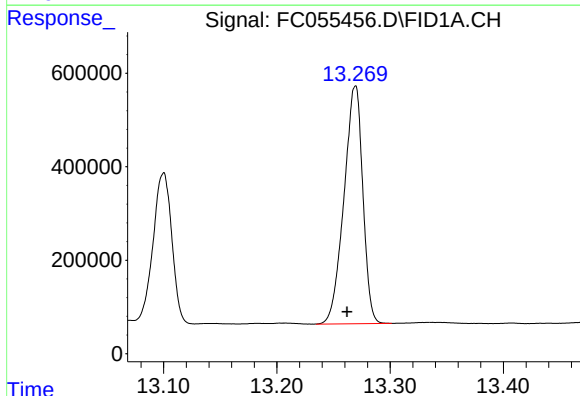
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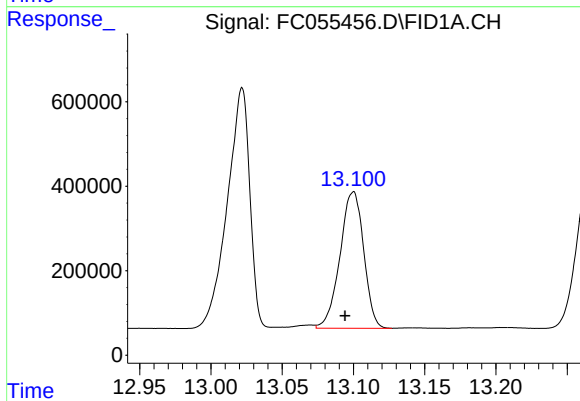
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: 0.008 min
Response: 5921055
Conc: 50.67 ug/ml



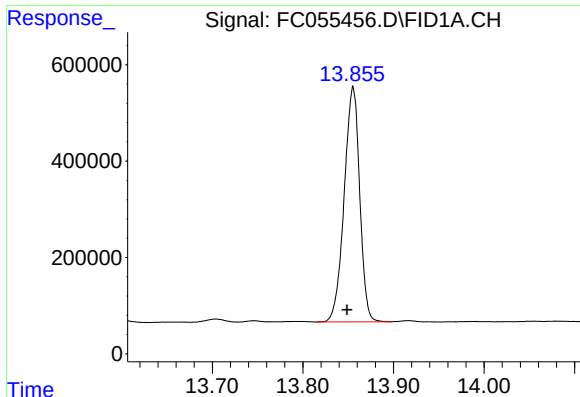
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.007 min
Response: 5884659
Conc: 50.00 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.100 min
Delta R.T.: 0.006 min
Response: 3744298
Conc: 37.83 ug/ml m



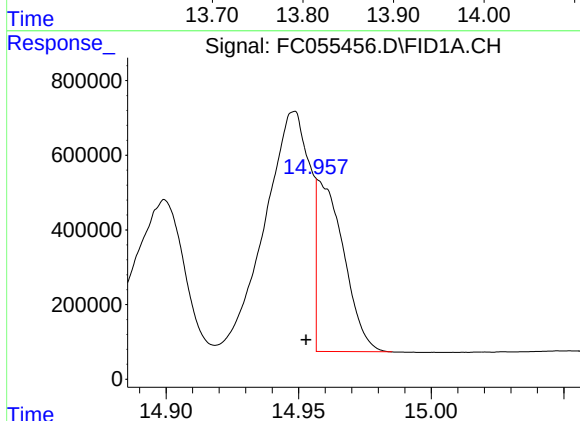
#13 n-Docosane (C22)

R.T.: 13.855 min
Delta R.T.: 0.006 min
Response: 5804660
Conc: 49.76 ug/ml

Instrument :
FID_C
ClientSampleId :
S-1MS

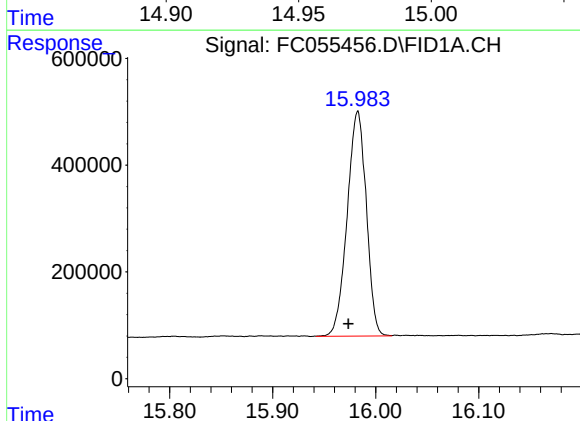
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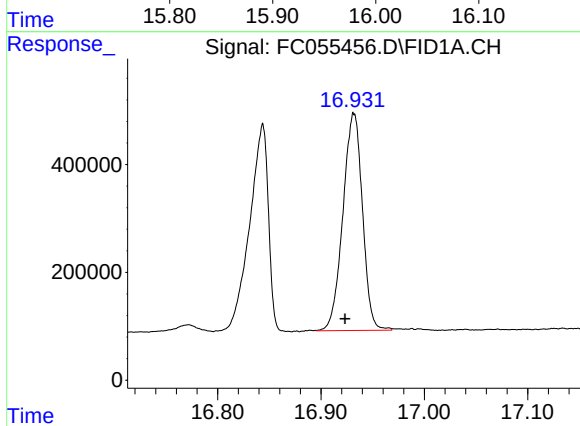
#14 n-Tetracosane (C24)

R.T.: 14.957 min
Delta R.T.: 0.004 min
Response: 3213208
Conc: 27.59 ug/ml m



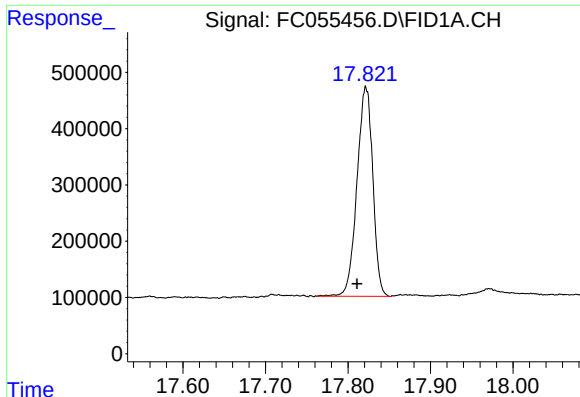
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: 0.009 min
Response: 5436964
Conc: 47.99 ug/ml m



#16 n-Octacosane (C28)

R.T.: 16.931 min
Delta R.T.: 0.007 min
Response: 5302972
Conc: 47.92 ug/ml m



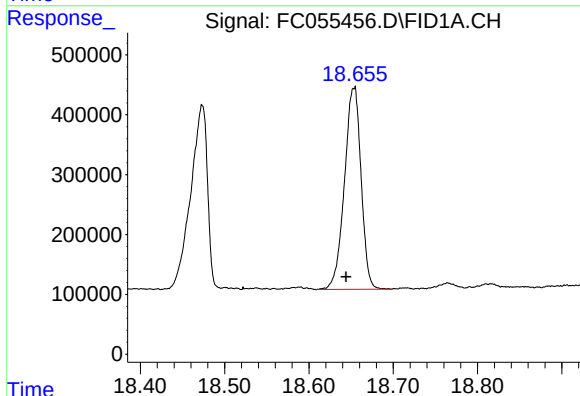
#17 n-Tricontane (C30)

R.T.: 17.822 min
Delta R.T.: 0.011 min
Response: 4948546
Conc: 46.54 ug/ml

Instrument :
FID_C
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S-1MS

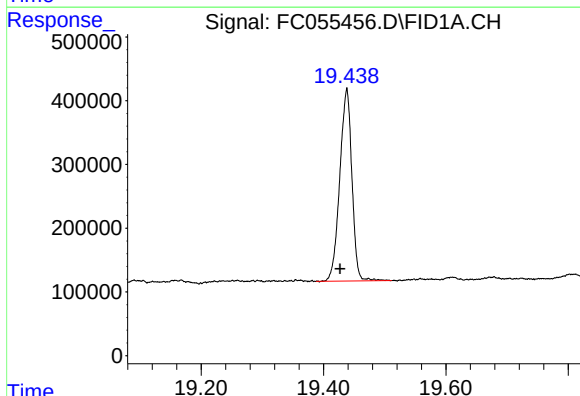
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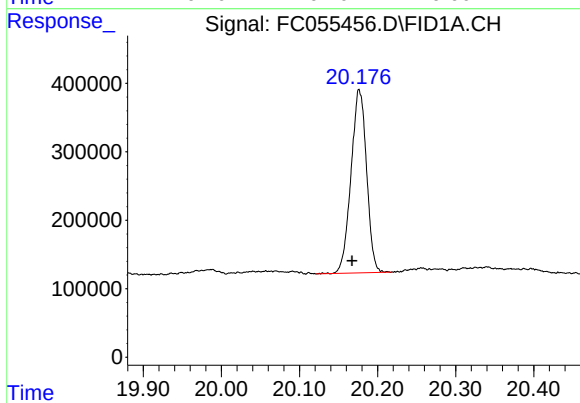
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: 0.009 min
Response: 4629674
Conc: 46.20 ug/ml



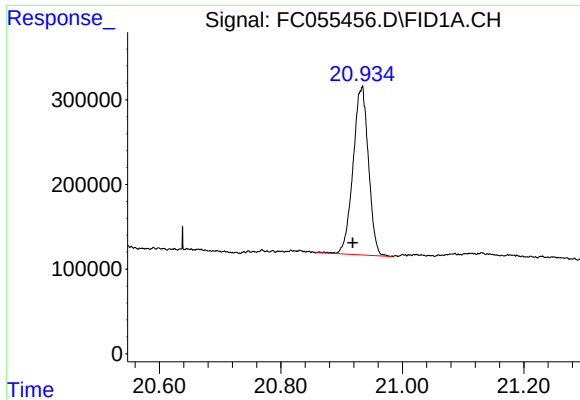
#19 n-Tetratriacontane (C34)

R.T.: 19.438 min
Delta R.T.: 0.010 min
Response: 4156792
Conc: 44.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.177 min
Delta R.T.: 0.010 min
Response: 3701504
Conc: 42.63 ug/ml



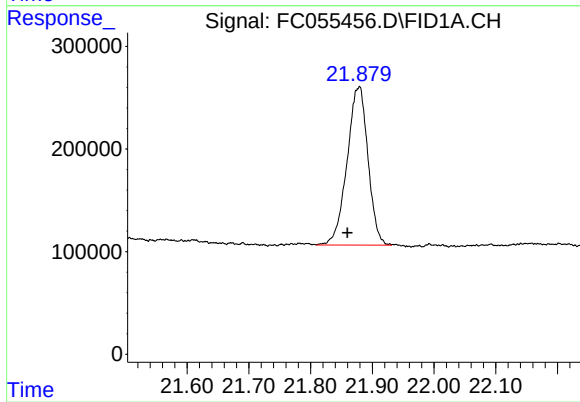
#21 n-Octatriacontane (C38)

R.T.: 20.933 min
Delta R.T.: 0.014 min
Response: 3490362
Conc: 42.82 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.879 min
Delta R.T.: 0.019 min
Response: 3631772
Conc: 45.22 ug/ml m