

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC083121AL\
 Data File : FC055481.D
 Signal(s) : FID1A.CH
 Acq On : 01 Sep 2021 3:14
 Operator : AJ\MA
 Sample : M3602-08MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TP-1HMSD

Manual Integrations
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Integration File: autoint1.e
 Quant Time: Sep 01 04:20:44 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)	11.664	4331236	34.670 ug/ml
Spiked Amount 50.000		Recovery =	69.34%
12) S 1-chlorooctadecane (S...	13.099	3400732	34.362 ug/ml
Spiked Amount 50.000		Recovery =	68.72%
Target Compounds			
1) T n-Nonane (C9)	3.404	4263266	39.440 ug/ml
2) T n-Decane (C10)	4.474	5038932	46.212 ug/ml
3) T A~Naphthalene (C11.7)	6.064	6094145	49.457 ug/ml
4) T n-Dodecane (C12)	6.496	5684834	51.919 ug/ml
5) T A~2-methylnaphthalene...	7.123	6168102	49.564 ug/ml
6) T n-Tetradecane (C14)	8.297	6262710	56.230 ug/ml
7) T n-Hexadecane (C16)	9.900	6795847	60.132 ug/ml
8) T n-Octadecane (C18)	11.345	7219448	62.008 ug/ml
10) T n-Eicosane (C20)	12.657	7070059	60.507 ug/ml
11) T n-Heneicosane (C21)	13.269	7034005	59.764 ug/ml
13) T n-Docosane (C22)	13.856	6905405	59.197 ug/ml
14) T n-Tetracosane (C24)	14.959	2981620	25.602 ug/mlm
15) T n-Hexacosane (C26)	15.983	6399348	56.490 ug/ml
16) T n-Octacosane (C28)	16.930	6118336	55.292 ug/ml
17) T n-Tricontane (C30)	17.819	5647504	53.111 ug/ml
18) T n-Dotriacontane (C32)	18.650	5273037	52.615 ug/ml
19) T n-Tetratriacontane (C34)	19.433	4755514	50.387 ug/ml
20) T n-Hexatriacontane (C36)	20.172	4328402	49.852 ug/ml
21) T n-Octatriacontane (C38)	20.925	4133571	50.713 ug/ml
22) T n-Tetracontane (C40)	21.867	4208468	52.399 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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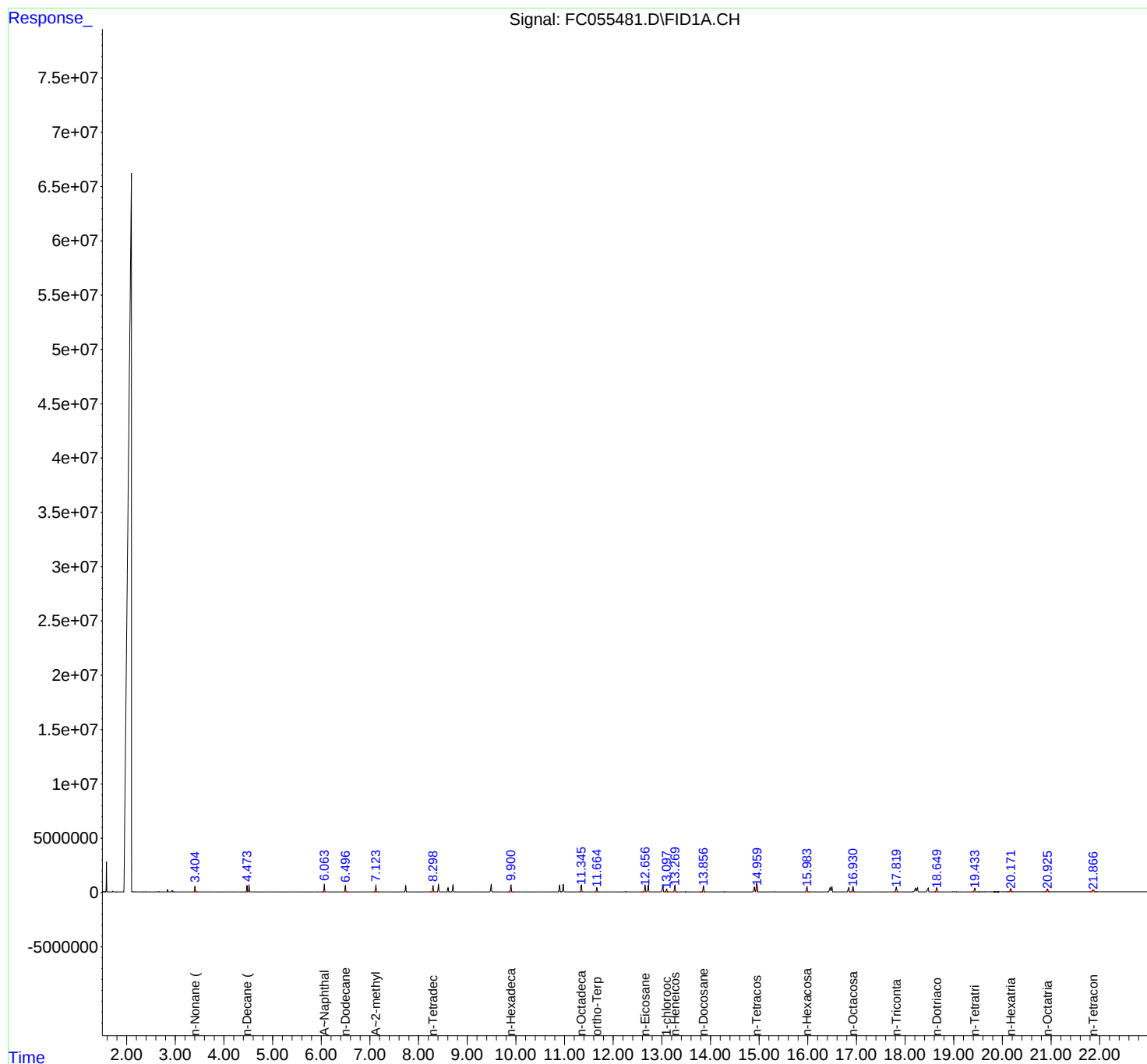
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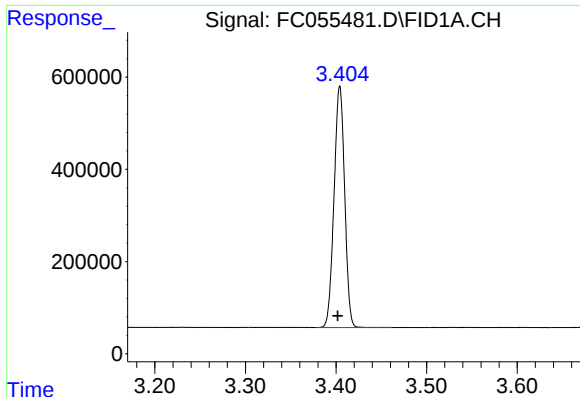
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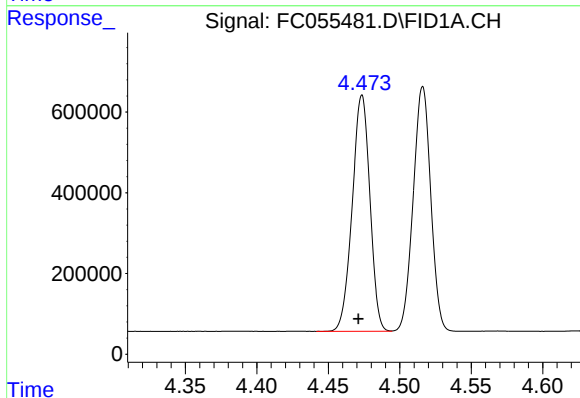
#1 n-Nonane (C9)

R.T.: 3.404 min
Delta R.T.: 0.002 min
Response: 4263266
Conc: 39.44 ug/ml

Instrument :
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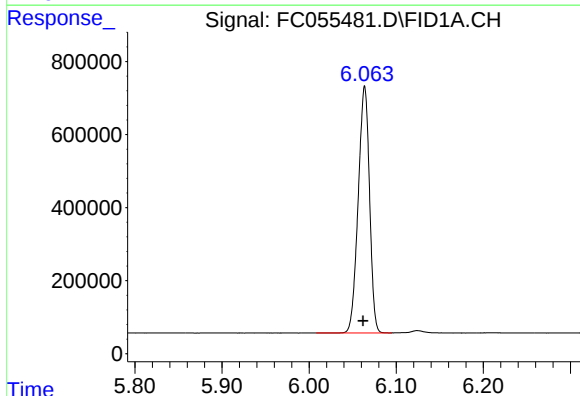
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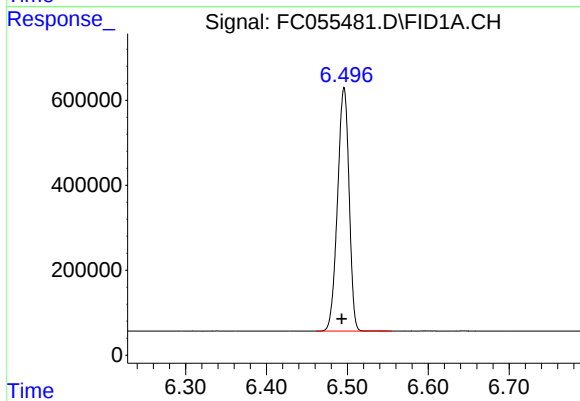
#2 n-Decane (C10)

R.T.: 4.474 min
Delta R.T.: 0.002 min
Response: 5038932
Conc: 46.21 ug/ml



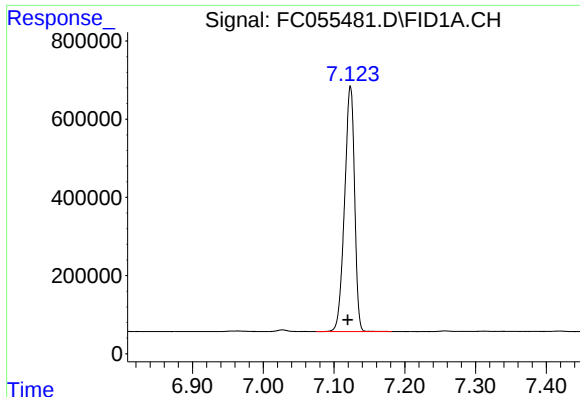
#3 A~Naphthalene (C11.7)

R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 6094145
Conc: 49.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.496 min
Delta R.T.: 0.003 min
Response: 5684834
Conc: 51.92 ug/ml



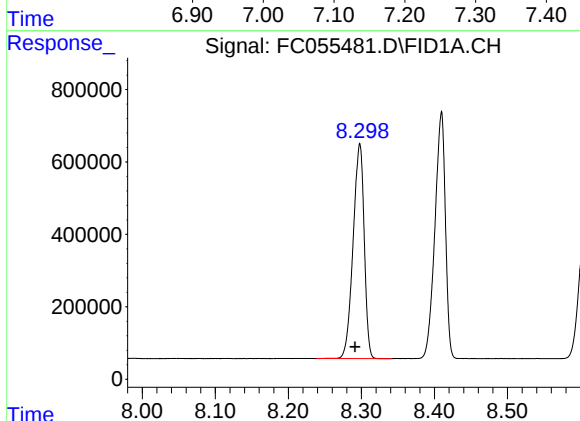
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.123 min
Delta R.T.: 0.004 min
Response: 6168102
Conc: 49.56 ug/ml

Instrument :
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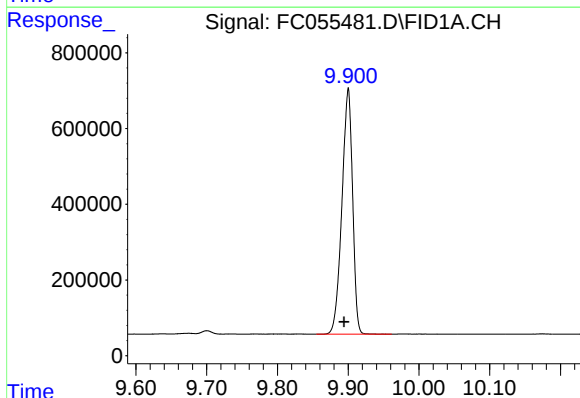
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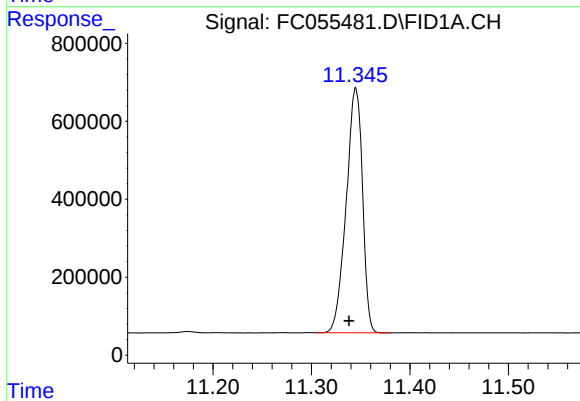
#6 n-Tetradecane (C14)

R.T.: 8.297 min
Delta R.T.: 0.006 min
Response: 6262710
Conc: 56.23 ug/ml



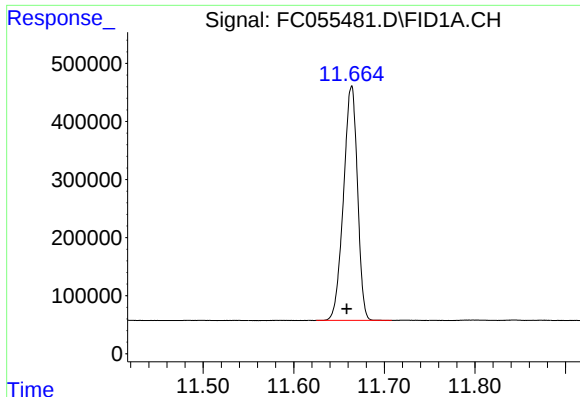
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.006 min
Response: 6795847
Conc: 60.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.345 min
Delta R.T.: 0.007 min
Response: 7219448
Conc: 62.01 ug/ml



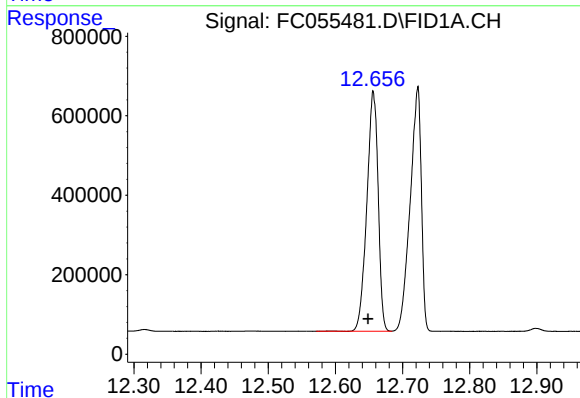
#9 ortho-Terphenyl (SURR)

R.T.: 11.664 min
Delta R.T.: 0.005 min
Response: 4331236
Conc: 34.67 ug/ml

Instrument :
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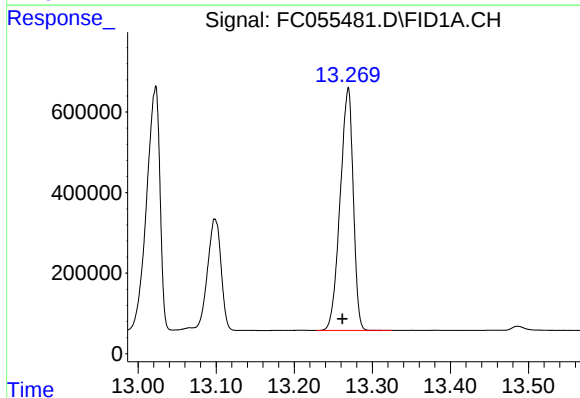
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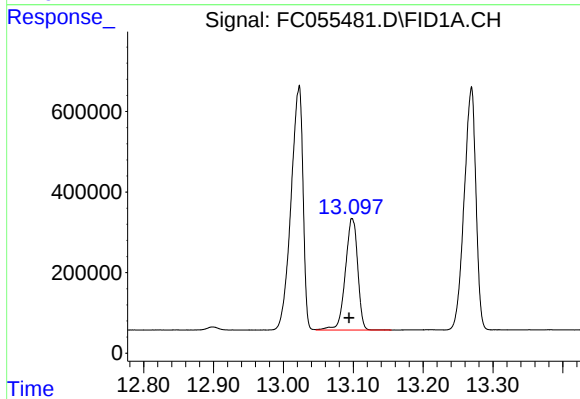
#10 n-Eicosane (C20)

R.T.: 12.657 min
Delta R.T.: 0.008 min
Response: 7070059
Conc: 60.51 ug/ml



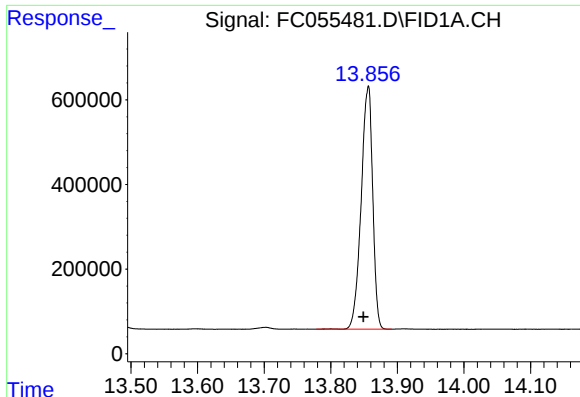
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.007 min
Response: 7034005
Conc: 59.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.099 min
Delta R.T.: 0.005 min
Response: 3400732
Conc: 34.36 ug/ml



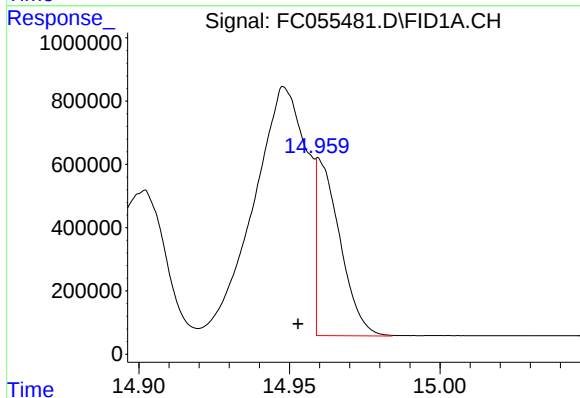
#13 n-Docosane (C22)

R.T.: 13.856 min
Delta R.T.: 0.007 min
Response: 6905405
Conc: 59.20 ug/ml

Instrument :
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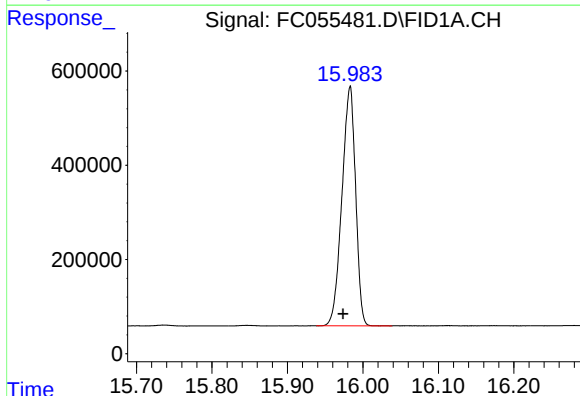
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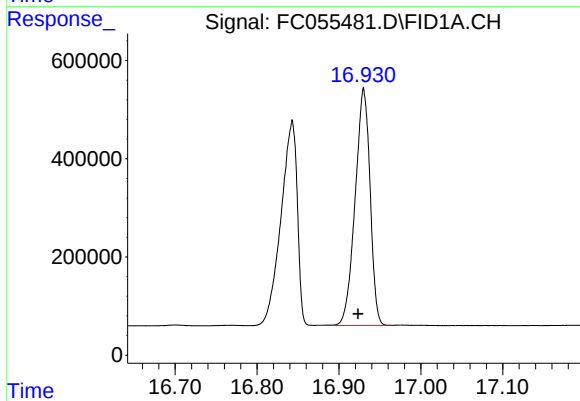
#14 n-Tetracosane (C24)

R.T.: 14.959 min
Delta R.T.: 0.006 min
Response: 2981620
Conc: 25.60 ug/ml m



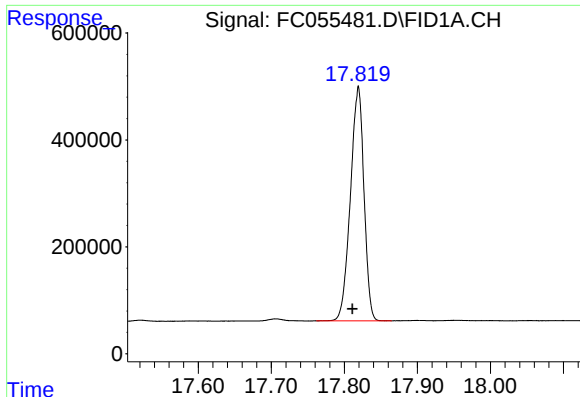
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: 0.009 min
Response: 6399348
Conc: 56.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.930 min
Delta R.T.: 0.007 min
Response: 6118336
Conc: 55.29 ug/ml



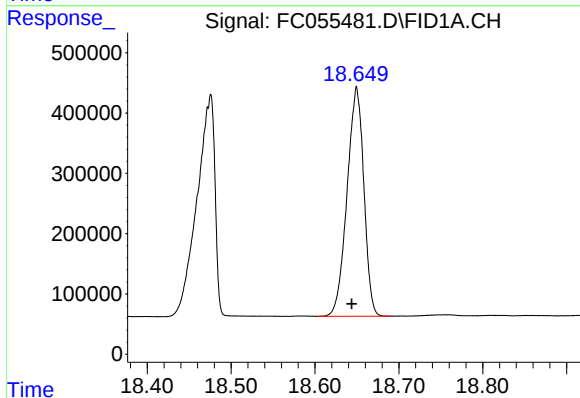
#17 n-Tricontane (C30)

R.T.: 17.819 min
Delta R.T.: 0.008 min
Response: 5647504
Conc: 53.11 ug/ml

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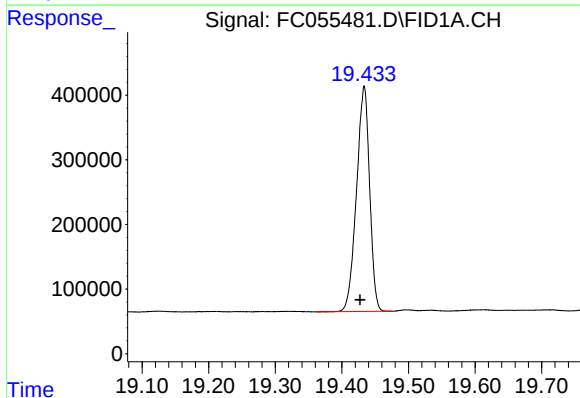
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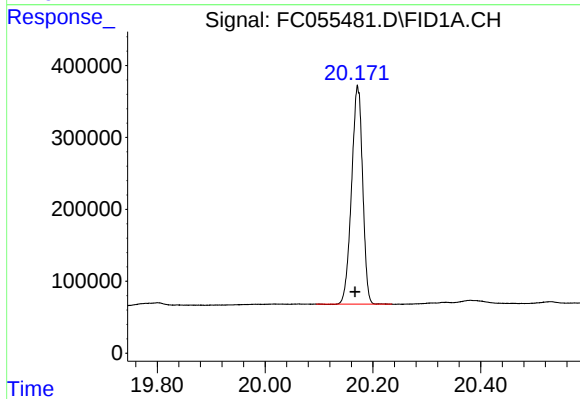
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: 0.006 min
Response: 5273037
Conc: 52.61 ug/ml



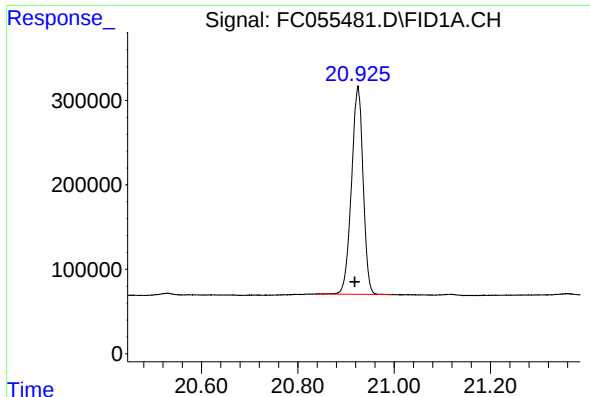
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: 0.006 min
Response: 4755514
Conc: 50.39 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: 0.005 min
Response: 4328402
Conc: 49.85 ug/ml



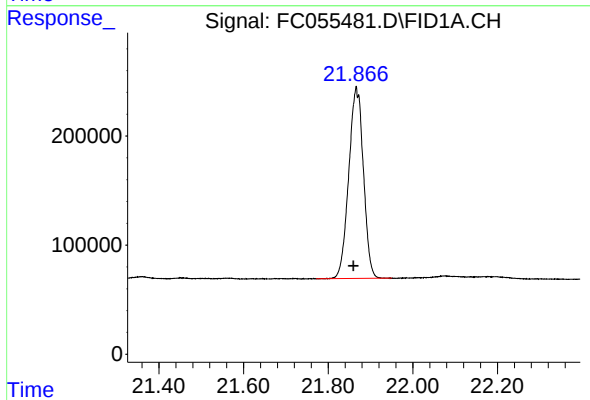
#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: 0.007 min
Response: 4133571
Conc: 50.71 ug/ml

Instrument :
FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.867 min
Delta R.T.: 0.007 min
Response: 4208468
Conc: 52.40 ug/ml