

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052021AL\
 Data File : FC053853.D
 Signal(s) : FID1A.CH
 Acq On : 20 May 2021 18:44
 Operator : DD\AJ
 Sample : M2462-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WATER-MAIN-BREAK-SOILMS

Manual Integrations
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Integration File: autoint1.e
 Quant Time: May 21 01:29:51 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.529	4553553	32.890 ug/ml
Spiked Amount 50.000		Recovery =	65.78%
12) S 1-chlorooctadecane (S...	12.968	3717934	33.335 ug/ml
Spiked Amount 50.000		Recovery =	66.67%
Target Compounds			
1) T n-Nonane (C9)	3.293	3299739	27.937 ug/ml
2) T n-Decane (C10)	4.358	3715897	31.380 ug/ml
3) T A~Naphthalene (C11.7)	5.941	4249236	32.611 ug/ml
4) T n-Dodecane (C12)	6.374	3993490	33.003 ug/ml
5) T A~2-methylnaphthalene...	6.998	4333112	32.774 ug/ml
6) T n-Tetradecane (C14)	8.172	4323199	35.489 ug/ml
7) T n-Hexadecane (C16)	9.771	4538286	37.054 ug/ml
8) T n-Octadecane (C18)	11.214	4666961	35.835 ug/ml
10) T n-Eicosane (C20)	12.524	4451593	33.632 ug/ml
11) T n-Heneicosane (C21)	13.136	4414929	33.242 ug/ml
13) T n-Docosane (C22)	13.722	4277196	32.156 ug/ml
14) T n-Tetracosane (C24)	14.816	8279898	62.029 ug/ml
15) T n-Hexacosane (C26)	15.850	4060017	30.709 ug/ml
16) T n-Octacosane (C28)	16.799	4050767	30.944 ug/ml
17) T n-Tricontane (C30)	17.688	4003320	30.693 ug/ml
18) T n-Dotriacontane (C32)	18.520	3944841	31.264 ug/ml
19) T n-Tetratriacontane (C34)	19.305	3862331	31.700 ug/ml
20) T n-Hexatriacontane (C36)	20.044	3778622	32.319 ug/mlm
21) T n-Octatriacontane (C38)	20.774	3617669	35.167 ug/ml
22) T n-Tetracontane (C40)	21.669	3792921	38.064 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : M2462-01MS
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ALS Vial : 13 Sample Multiplier: 1

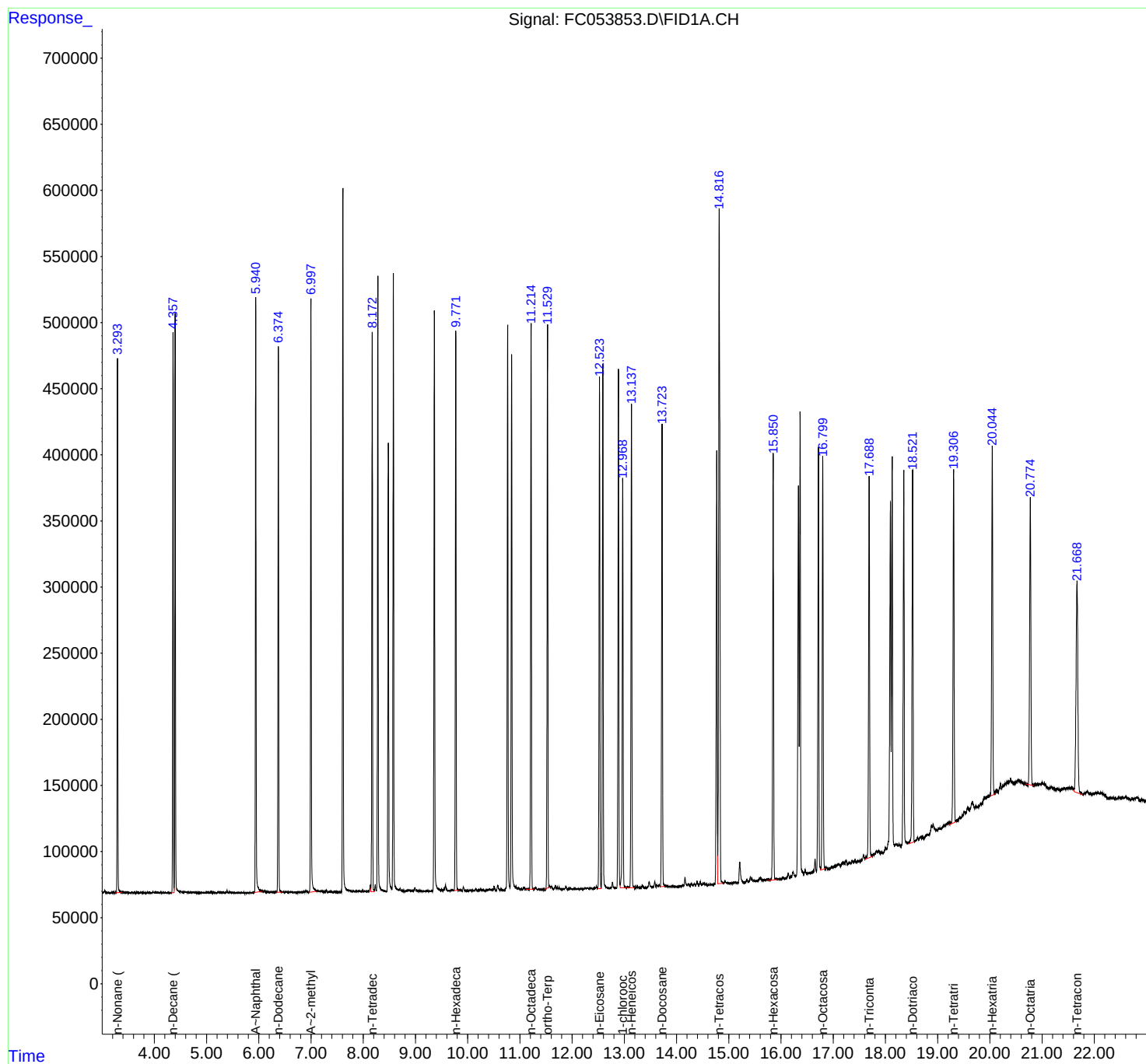
Instrument :
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WATER-MAIN-BREAK-SOILMS

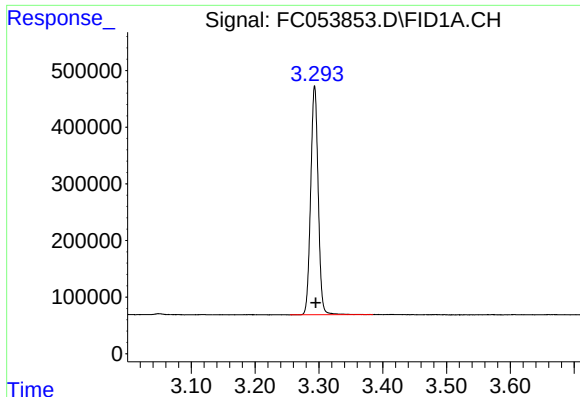
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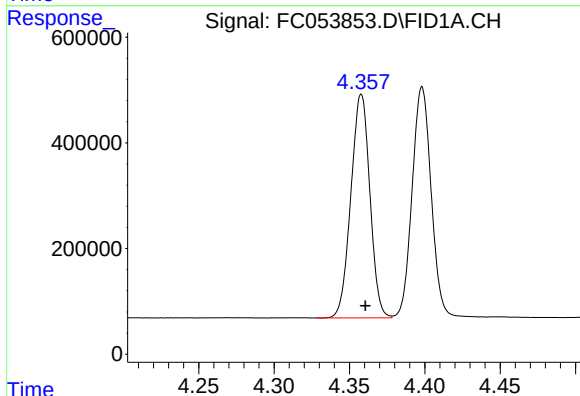
#1 n-Nonane (C9)

R.T.: 3.293 min
Delta R.T.: -0.002 min
Response: 3299739
Conc: 27.94 ug/ml

Instrument :
FID_C
ClientSampleId :
WATER-MAIN-BREAK-SOILMS

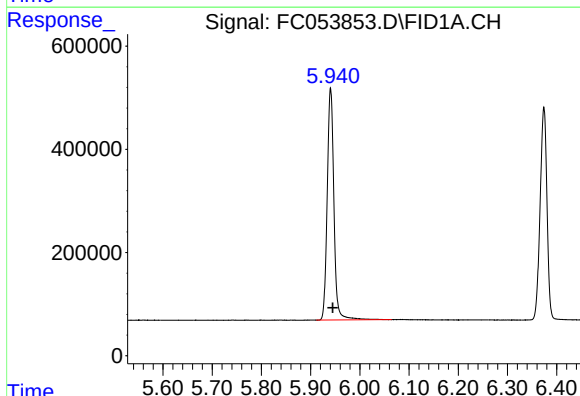
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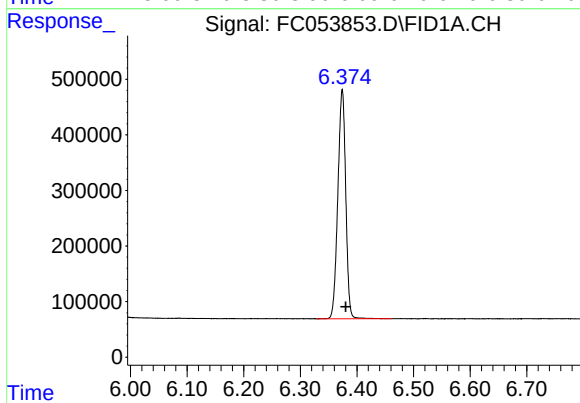
#2 n-Decane (C10)

R.T.: 4.358 min
Delta R.T.: -0.003 min
Response: 3715897
Conc: 31.38 ug/ml



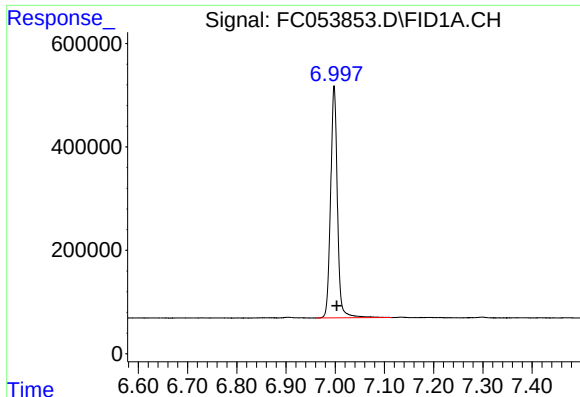
#3 A~Naphthalene (C11.7)

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 4249236
Conc: 32.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.374 min
Delta R.T.: -0.006 min
Response: 3993490
Conc: 33.00 ug/ml



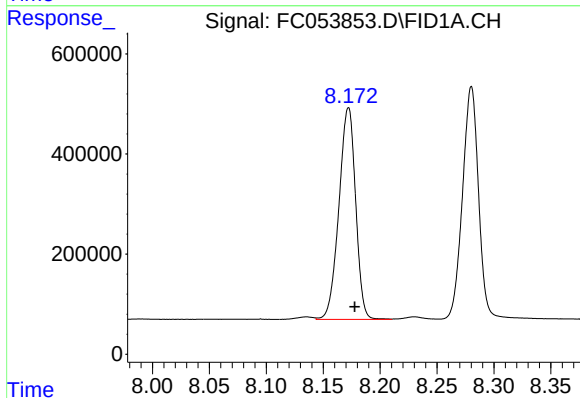
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.005 min
Response: 4333112
Conc: 32.77 ug/ml

Instrument :
FID_C
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WATER-MAIN-BREAK-SOILMS

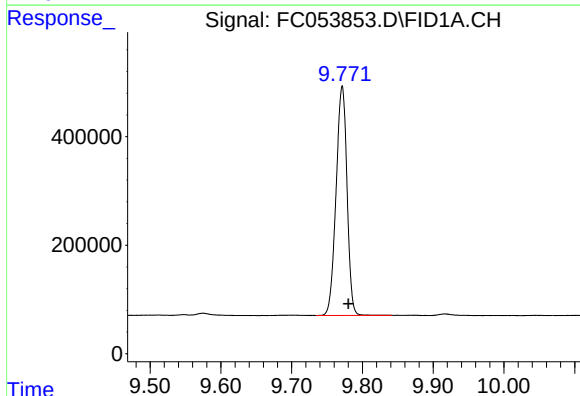
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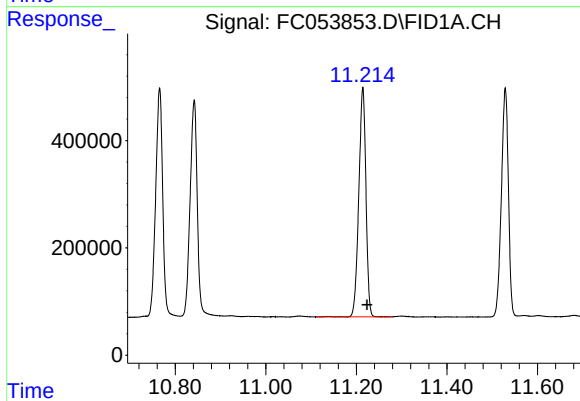
#6 n-Tetradecane (C14)

R.T.: 8.172 min
Delta R.T.: -0.006 min
Response: 4323199
Conc: 35.49 ug/ml



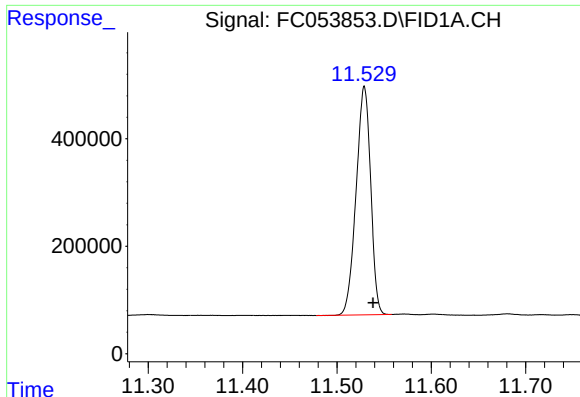
#7 n-Hexadecane (C16)

R.T.: 9.771 min
Delta R.T.: -0.009 min
Response: 4538286
Conc: 37.05 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.214 min
Delta R.T.: -0.010 min
Response: 4666961
Conc: 35.84 ug/ml



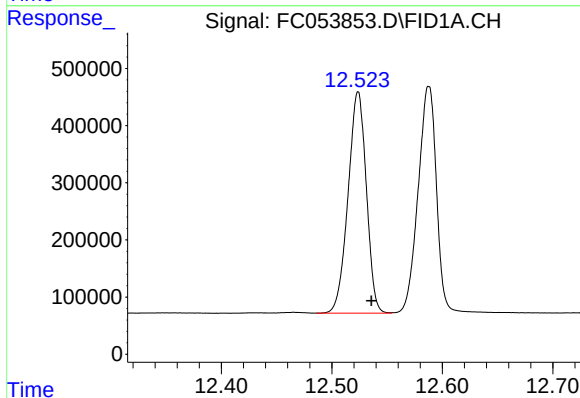
#9 ortho-Terphenyl (SURR)

R.T.: 11.529 min
Delta R.T.: -0.009 min
Response: 4553553
Conc: 32.89 ug/ml

Instrument :
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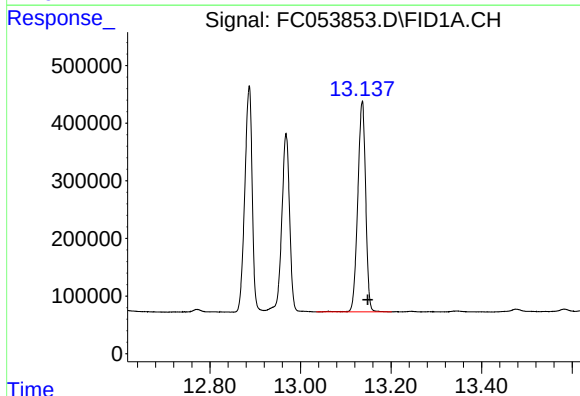
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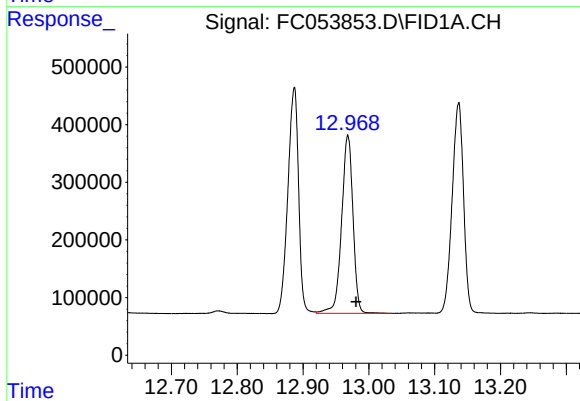
#10 n-Eicosane (C20)

R.T.: 12.524 min
Delta R.T.: -0.012 min
Response: 4451593
Conc: 33.63 ug/ml



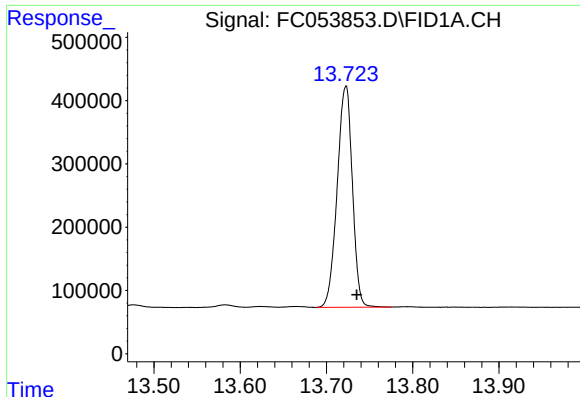
#11 n-Heneicosane (C21)

R.T.: 13.136 min
Delta R.T.: -0.012 min
Response: 4414929
Conc: 33.24 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.968 min
Delta R.T.: -0.012 min
Response: 3717934
Conc: 33.33 ug/ml



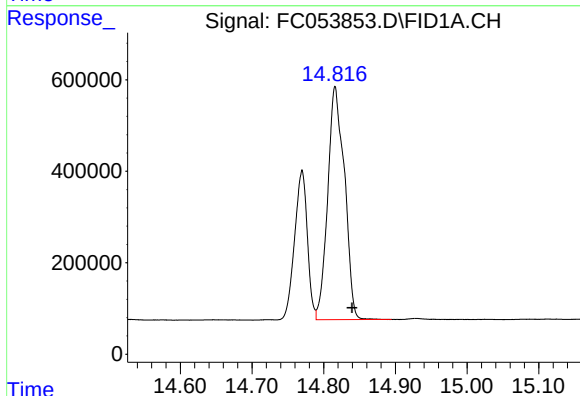
#13 n-Docosane (C22)

R.T.: 13.722 min
Delta R.T.: -0.013 min
Response: 4277196
Conc: 32.16 ug/ml

Instrument :
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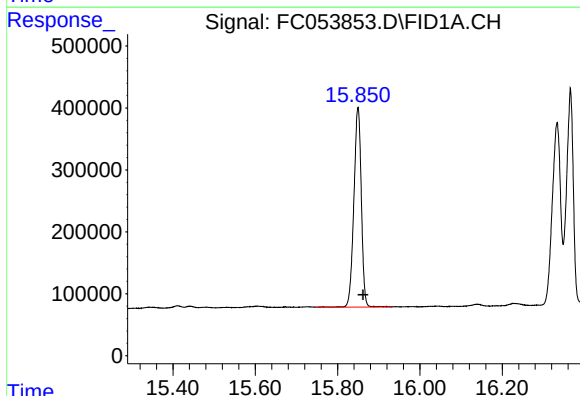
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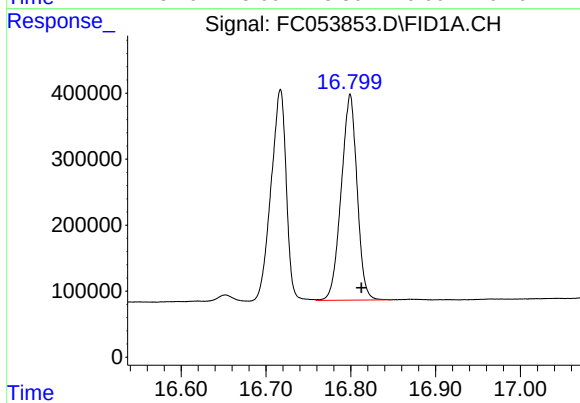
#14 n-Tetracosane (C24)

R.T.: 14.816 min
Delta R.T.: -0.023 min
Response: 8279898
Conc: 62.03 ug/ml



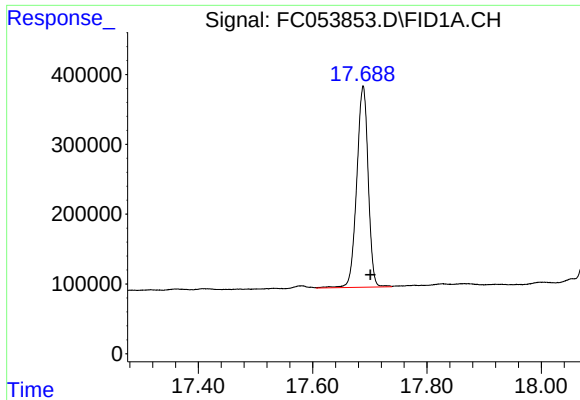
#15 n-Hexacosane (C26)

R.T.: 15.850 min
Delta R.T.: -0.012 min
Response: 4060017
Conc: 30.71 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.799 min
Delta R.T.: -0.013 min
Response: 4050767
Conc: 30.94 ug/ml



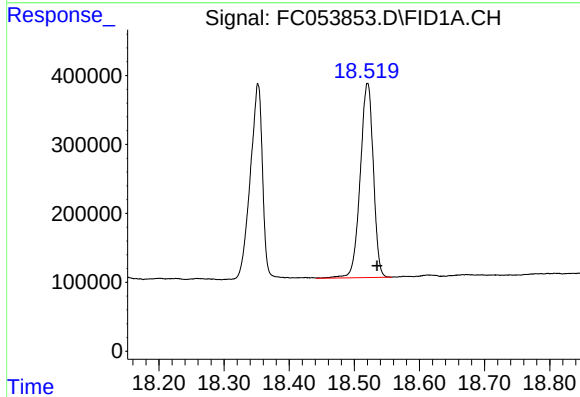
#17 n-Tricontane (C30)

R.T.: 17.688 min
Delta R.T.: -0.013 min
Response: 4003320
Conc: 30.69 ug/ml

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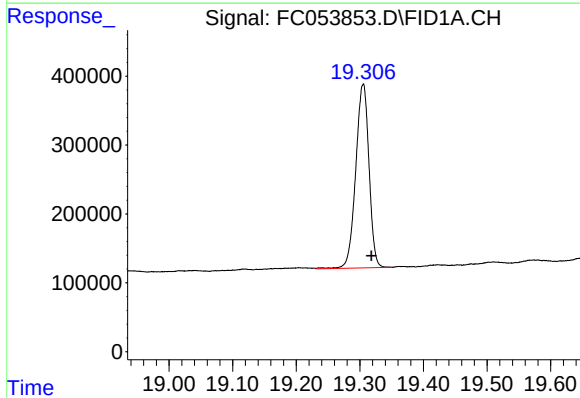
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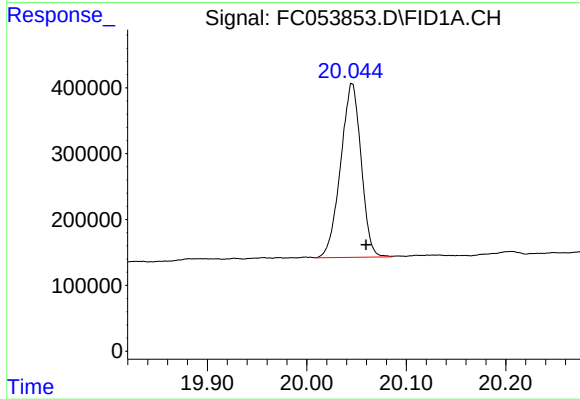
#18 n-Dotriacontane (C32)

R.T.: 18.520 min
Delta R.T.: -0.014 min
Response: 3944841
Conc: 31.26 ug/ml



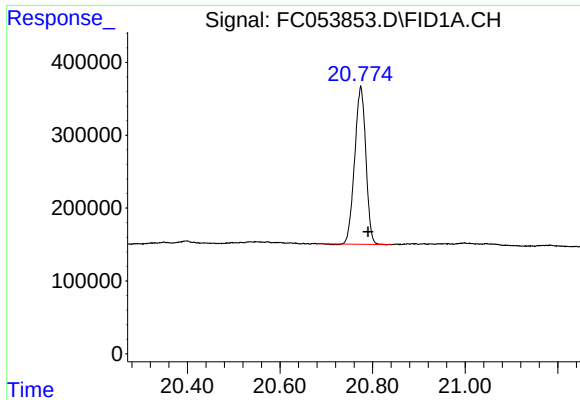
#19 n-Tetratriacontane (C34)

R.T.: 19.305 min
Delta R.T.: -0.013 min
Response: 3862331
Conc: 31.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.044 min
Delta R.T.: -0.015 min
Response: 3778622
Conc: 32.32 ug/ml m



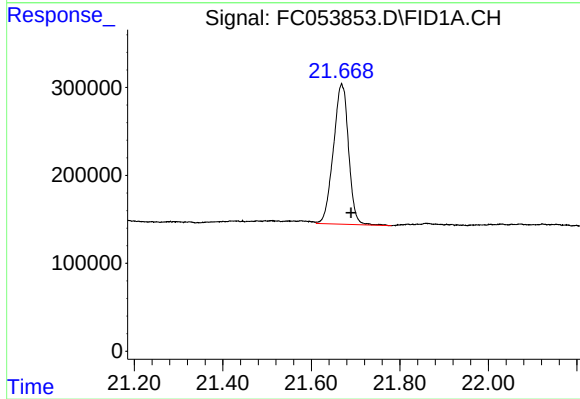
#21 n-Octatriacontane (C38)

R.T.: 20.774 min
Delta R.T.: -0.016 min
Response: 3617669
Conc: 35.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.669 min
Delta R.T.: -0.021 min
Response: 3792921
Conc: 38.06 ug/ml