

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058972.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2022 10:08
 Operator : UA/NP
 Sample : N2149-04MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PILE-LINDEN-PROPANE-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
 Quant Time: Mar 30 14:25:25 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 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)	11.094	4938750	34.277 ug/ml
Spiked Amount 50.000		Recovery =	68.55%
12) S 1-chlorooctadecane (S...	12.542	3797202	33.875 ug/ml
Spiked Amount 50.000		Recovery =	67.75%
Target Compounds			
1) T n-Nonane (C9)	2.959	3872310	31.599 ug/ml
2) T n-Decane (C10)	4.000	4292182	35.025 ug/ml
3) T A~Naphthalene (C11.7)	5.542	5216396	41.547 ug/ml
4) T n-Dodecane (C12)	5.996	4995986	39.114 ug/ml
5) T A~2-methylnaphthalene...	6.591	5348257	41.719 ug/ml
6) T n-Tetradecane (C14)	7.781	5414838	41.646 ug/ml
7) T n-Hexadecane (C16)	9.370	5910885	44.512 ug/ml
8) T n-Octadecane (C18)	10.805	6507729	48.947 ug/ml
10) T n-Eicosane (C20)	12.113	12878868	98.294 ug/ml
11) T n-Heneicosane (C21)	12.715	6303700	48.312 ug/ml
13) T n-Docosane (C22)	13.299	6269082	48.393 ug/ml
14) T n-Tetracosane (C24)	14.396	6704157	53.071 ug/ml
15) T n-Hexacosane (C26)	15.414	5865479	48.558 ug/ml
16) T n-Octacosane (C28)	16.357	5857598	49.468 ug/ml
17) T n-Tricontane (C30)	17.242	5471418	47.963 ug/ml
18) T n-Dotriacontane (C32)	18.069	5260335	49.102 ug/ml
19) T n-Tetratriacontane (C34)	18.849	4737738	46.891 ug/ml
20) T n-Hexatriacontane (C36)	19.585	3977770	41.631 ug/ml
21) T n-Octatriacontane (C38)	20.282	3224367	35.040 ug/mlm
22) T n-Tetracontane (C40)	21.020	2769561	29.800 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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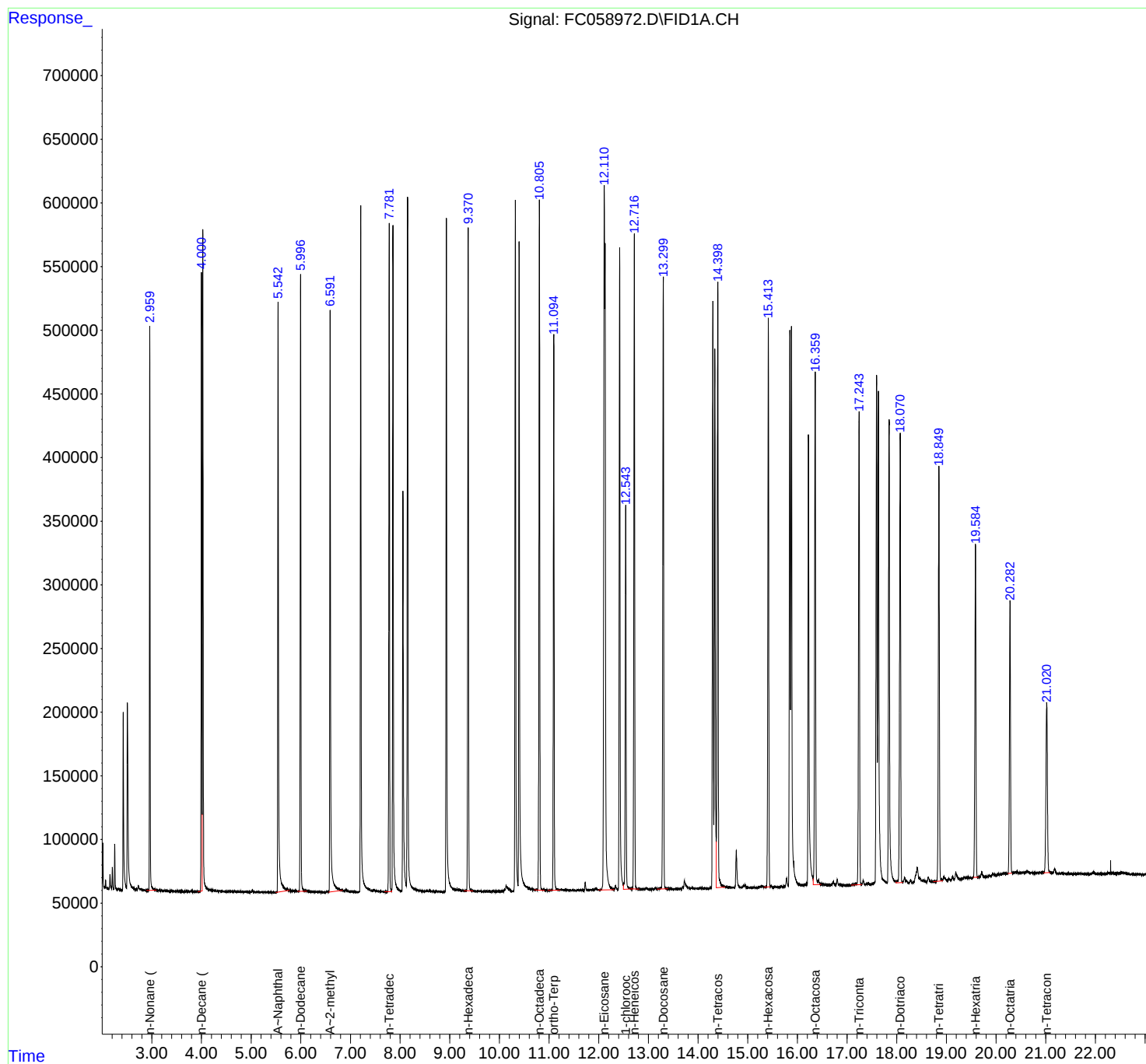
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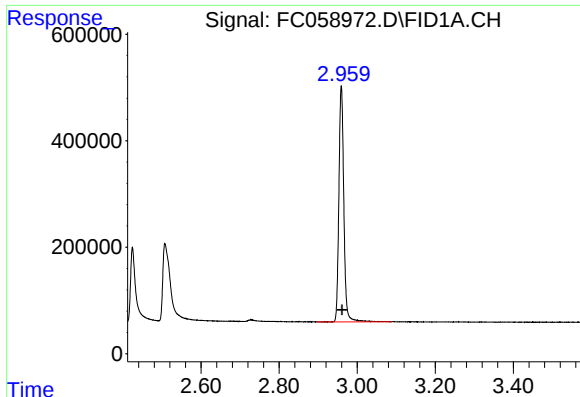
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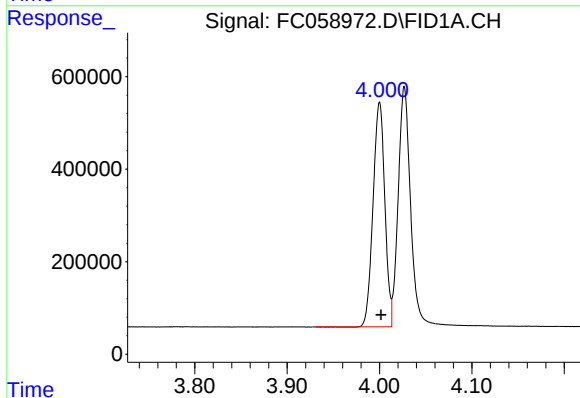
#1 n-Nonane (C9)

R.T.: 2.959 min
Delta R.T.: -0.002 min
Response: 3872310
Conc: 31.60 ug/ml

Instrument :
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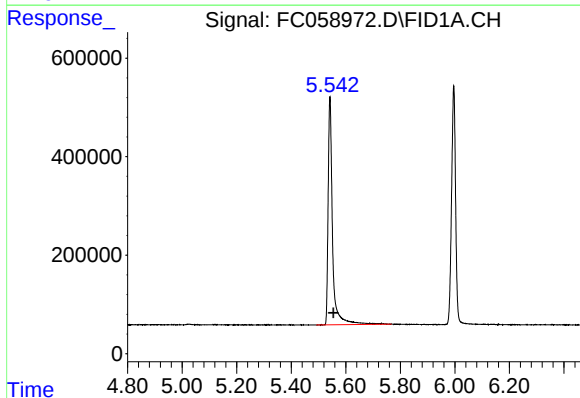
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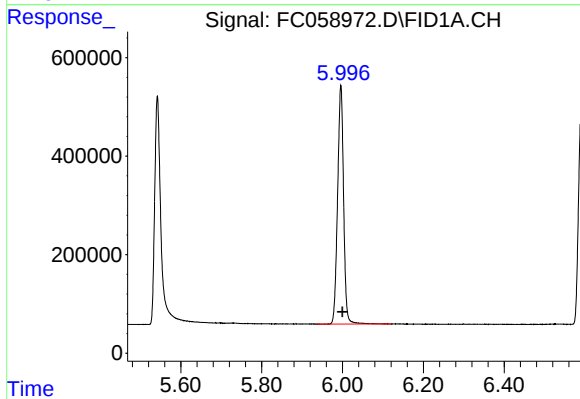
#2 n-Decane (C10)

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 4292182
Conc: 35.03 ug/ml



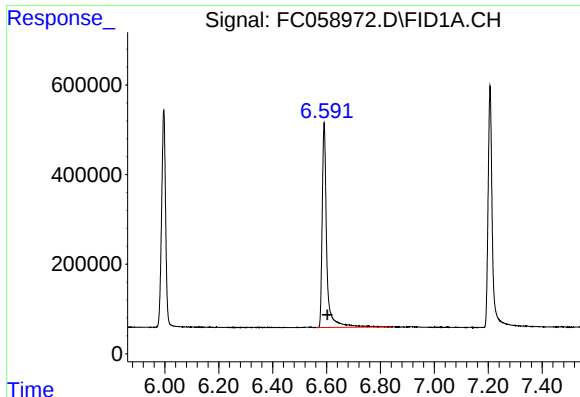
#3 A~Naphthalene (C11.7)

R.T.: 5.542 min
Delta R.T.: -0.013 min
Response: 5216396
Conc: 41.55 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.996 min
Delta R.T.: -0.004 min
Response: 4995986
Conc: 39.11 ug/ml



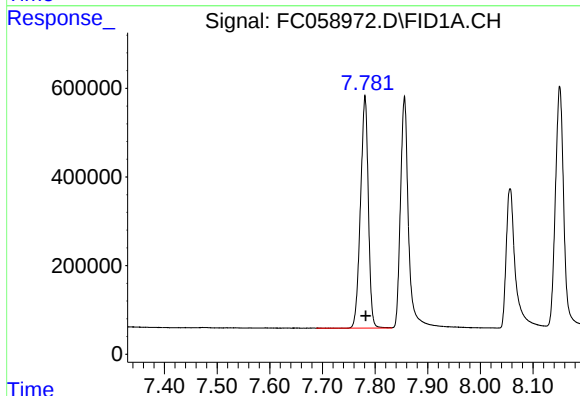
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.591 min
Delta R.T.: -0.012 min
Response: 5348257
Conc: 41.72 ug/ml

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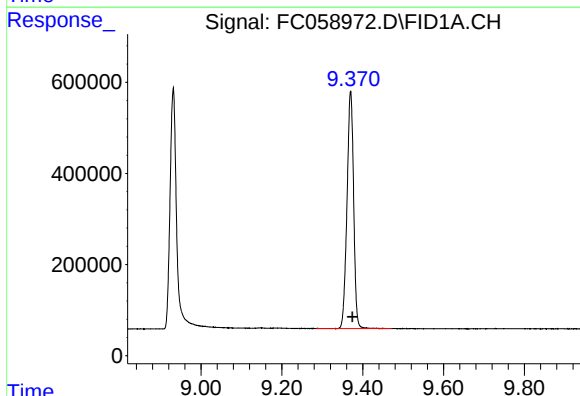
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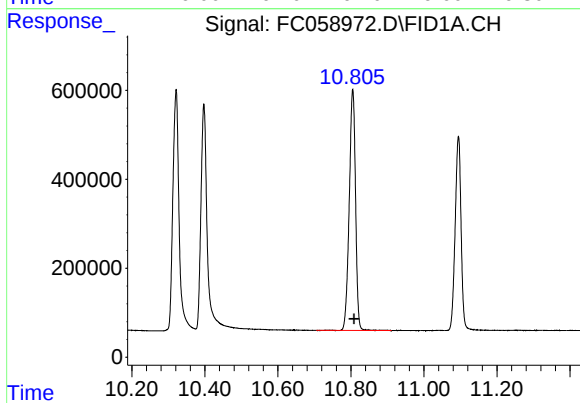
#6 n-Tetradecane (C14)

R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 5414838
Conc: 41.65 ug/ml



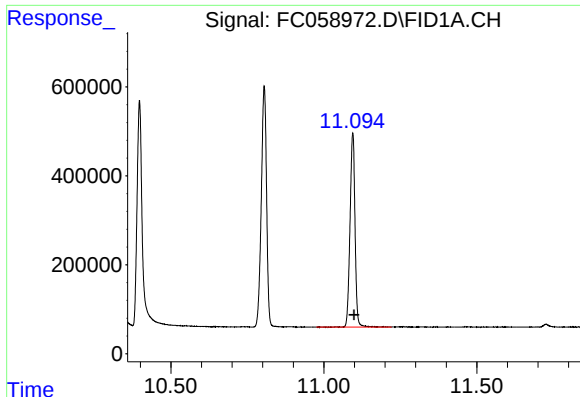
#7 n-Hexadecane (C16)

R.T.: 9.370 min
Delta R.T.: -0.005 min
Response: 5910885
Conc: 44.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.805 min
Delta R.T.: -0.004 min
Response: 6507729
Conc: 48.95 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.094 min
Delta R.T.: -0.005 min
Response: 4938750
Conc: 34.28 ug/ml

Instrument :

FID_C

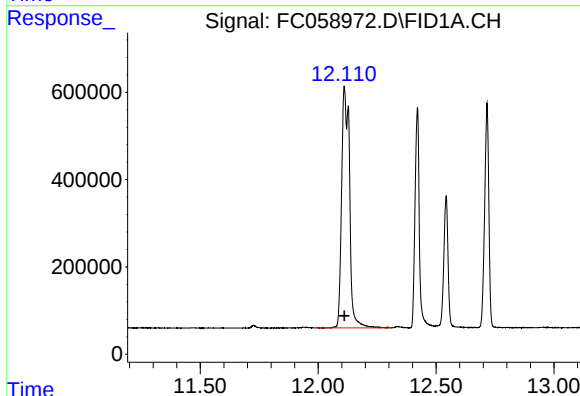
ClientSampleId :

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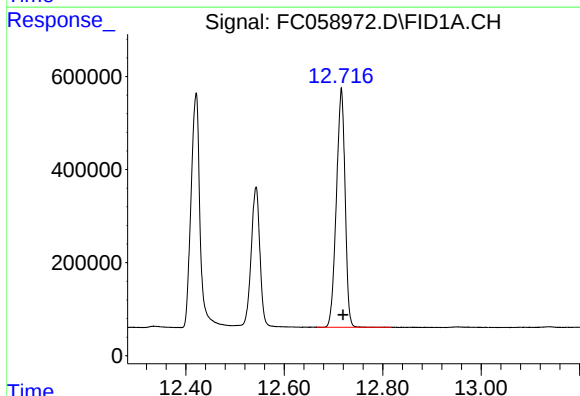
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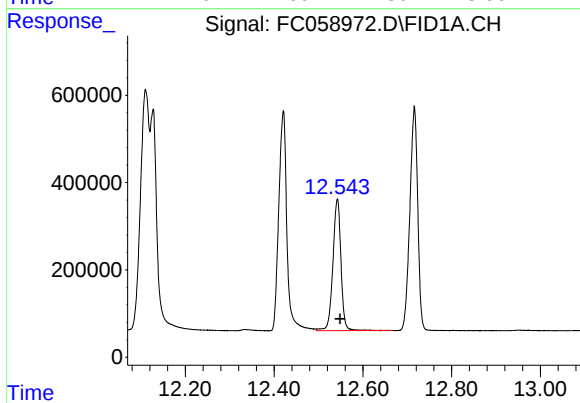
#10 n-Eicosane (C20)

R.T.: 12.113 min
Delta R.T.: 0.003 min
Response: 12878868
Conc: 98.29 ug/ml



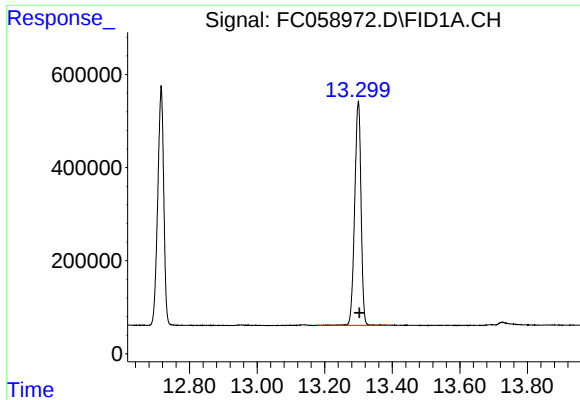
#11 n-Heneicosane (C21)

R.T.: 12.715 min
Delta R.T.: -0.004 min
Response: 6303700
Conc: 48.31 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.542 min
Delta R.T.: -0.006 min
Response: 3797202
Conc: 33.88 ug/ml



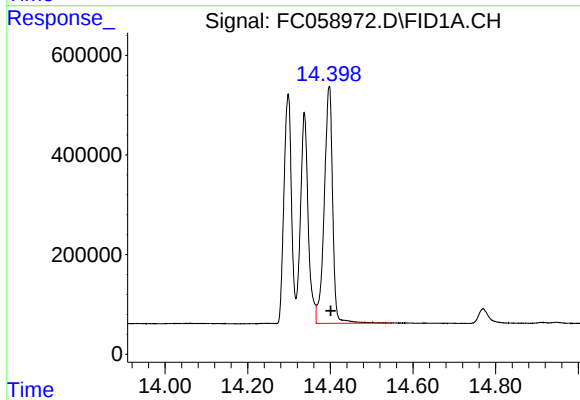
#13 n-Docosane (C22)

R.T.: 13.299 min
Delta R.T.: -0.004 min
Response: 6269082
Conc: 48.39 ug/ml

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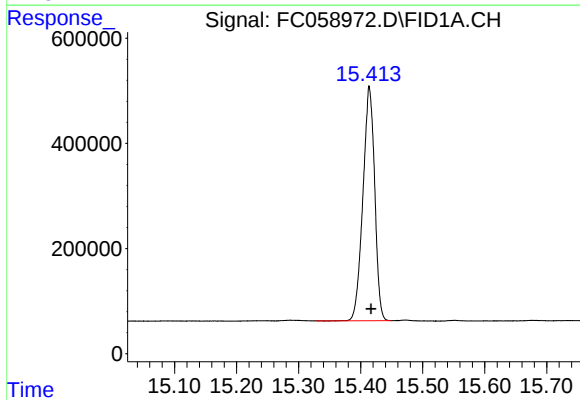
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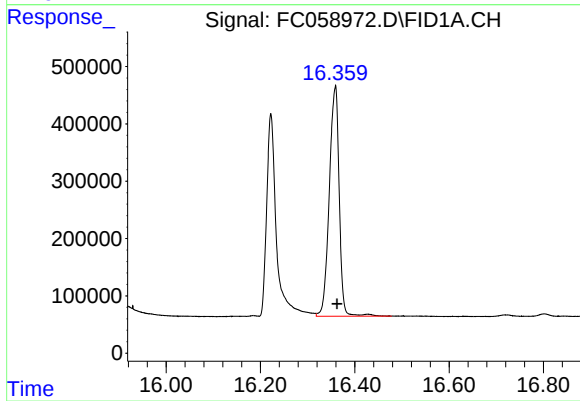
#14 n-Tetracosane (C24)

R.T.: 14.396 min
Delta R.T.: -0.005 min
Response: 6704157
Conc: 53.07 ug/ml



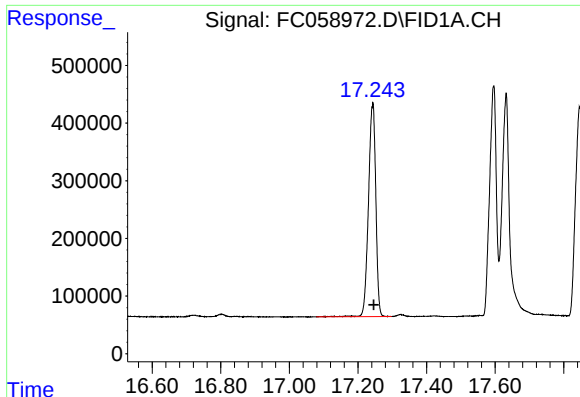
#15 n-Hexacosane (C26)

R.T.: 15.414 min
Delta R.T.: -0.003 min
Response: 5865479
Conc: 48.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.357 min
Delta R.T.: -0.005 min
Response: 5857598
Conc: 49.47 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.242 min
Delta R.T.: -0.004 min
Response: 5471418
Conc: 47.96 ug/ml

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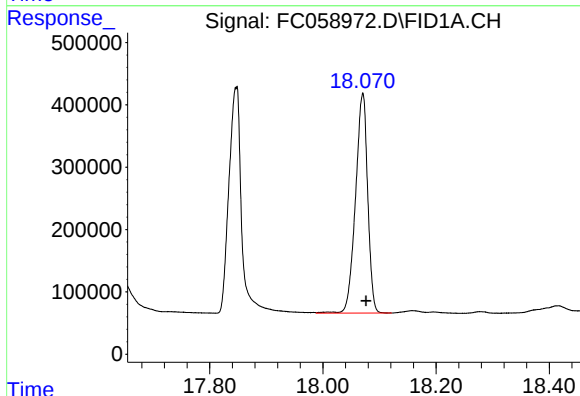
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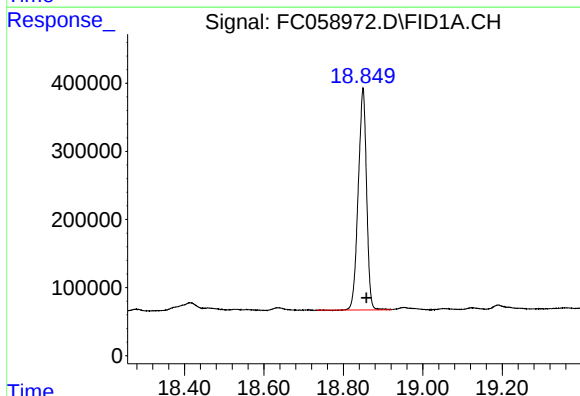
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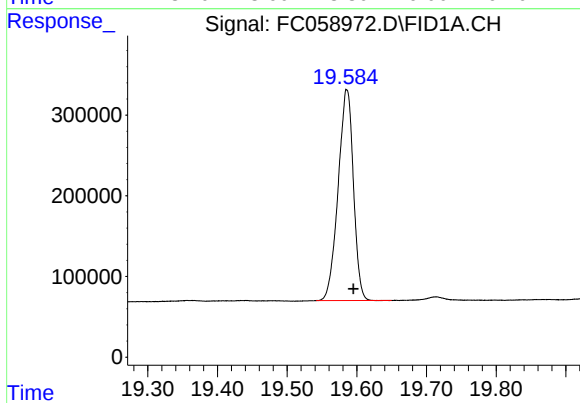
#18 n-Dotriacontane (C32)

R.T.: 18.069 min
Delta R.T.: -0.007 min
Response: 5260335
Conc: 49.10 ug/ml



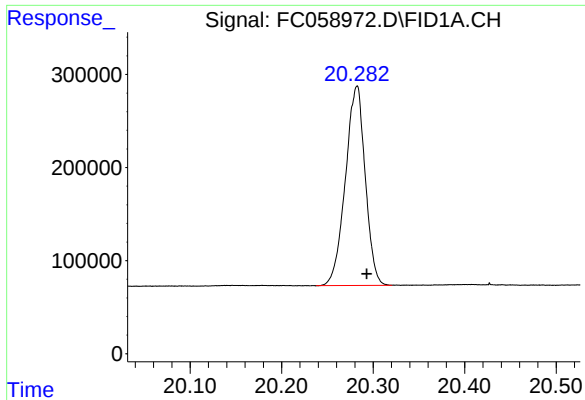
#19 n-Tetratriacontane (C34)

R.T.: 18.849 min
Delta R.T.: -0.009 min
Response: 4737738
Conc: 46.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.585 min
Delta R.T.: -0.010 min
Response: 3977770
Conc: 41.63 ug/ml



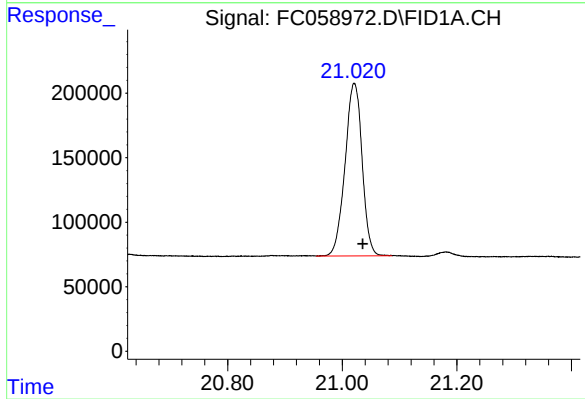
#21 n-Octatriacontane (C38)

R.T.: 20.282 min
Delta R.T.: -0.011 min
Response: 3224367
Conc: 35.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.020 min
Delta R.T.: -0.016 min
Response: 2769561
Conc: 29.80 ug/ml m