

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101121AL\
 Data File : FC056108.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2021 00:43
 Operator : AJ\MA
 Sample : M4127-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CHRT-27051-EPH-2MSD

Manual Integrations
 APPROVED

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 10/13/2021 1:20:52 PM

Integration File: autoint1.e
 Quant Time: Oct 12 03:13:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.643	4573953	38.547 ug/ml
Spiked Amount 50.000		Recovery =	77.09%
12) S 1-chlorooctadecane (S...	13.074	3513462	38.243 ug/ml
Spiked Amount 50.000		Recovery =	76.49%
Target Compounds			
1) T n-Nonane (C9)	3.388	2499333	23.421 ug/ml
2) T n-Decane (C10)	4.459	3150442	29.473 ug/ml
3) T A~Naphthalene (C11.7)	6.053	3981569	33.091 ug/ml
4) T n-Dodecane (C12)	6.480	3917378	36.091 ug/ml
5) T A~2-methylnaphthalene...	7.111	4159162	34.239 ug/ml
6) T n-Tetradecane (C14)	8.277	4619356	41.753 ug/ml
7) T n-Hexadecane (C16)	9.876	4886769	44.148 ug/mlm
8) T n-Octadecane (C18)	11.321	5015151	44.810 ug/mlm
10) T n-Eicosane (C20)	12.630	4810999	44.046 ug/ml
11) T n-Heneicosane (C21)	13.241	4849551	44.604 ug/ml
13) T n-Docosane (C22)	13.825	4745477	44.434 ug/ml
14) T n-Tetracosane (C24)	14.927	9272615	88.675 ug/ml
15) T n-Hexacosane (C26)	15.946	4605089	45.834 ug/ml
16) T n-Octacosane (C28)	16.892	4732700	48.927 ug/ml
17) T n-Tricontane (C30)	17.777	4513290	48.642 ug/ml
18) T n-Dotriacontane (C32)	18.605	4406568	49.564 ug/ml
19) T n-Tetratriacontane (C34)	19.386	4216034	48.747 ug/ml
20) T n-Hexatriacontane (C36)	20.122	3917134	47.944 ug/ml
21) T n-Octatriacontane (C38)	20.864	3686609	46.263 ug/ml
22) T n-Tetracontane (C40)	21.787	3708525	46.264 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 21 Sample Multiplier: 1

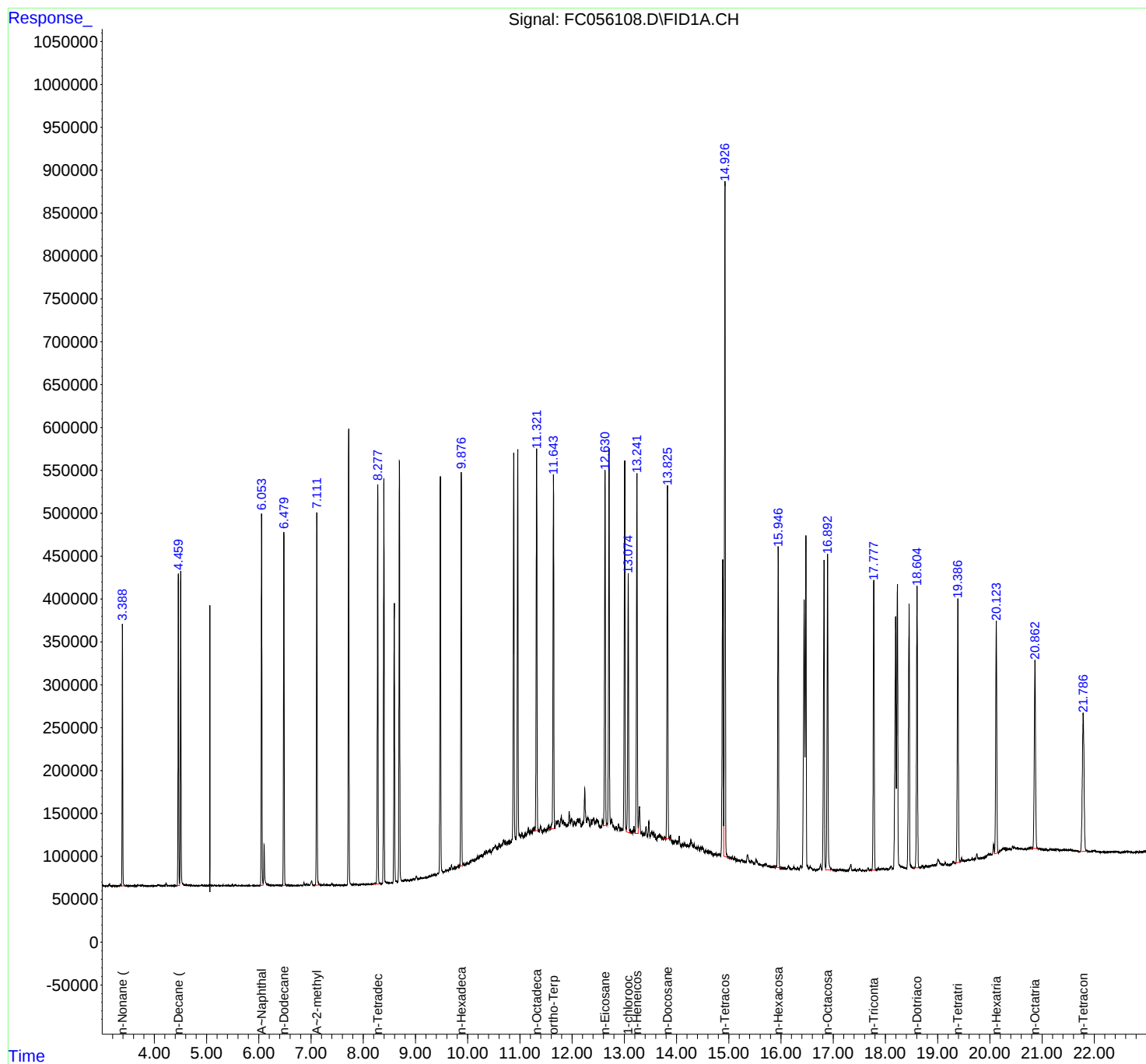
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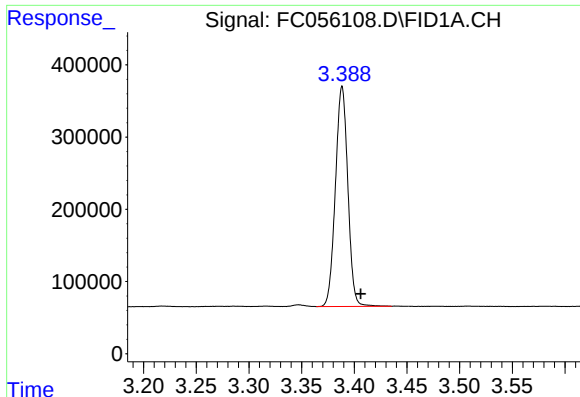
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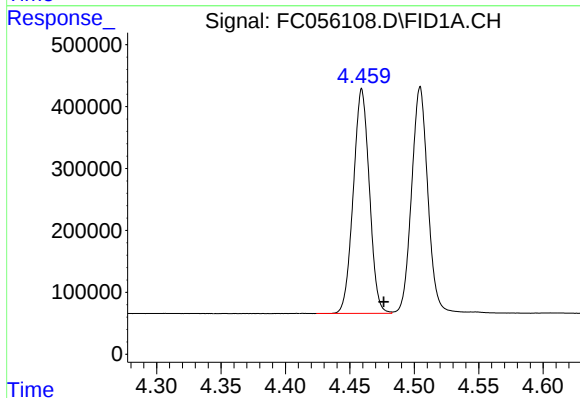
#1 n-Nonane (C9)

R.T.: 3.388 min
Delta R.T.: -0.018 min
Response: 2499333
Conc: 23.42 ug/ml

Instrument :
FID_C
ClientSampleId :
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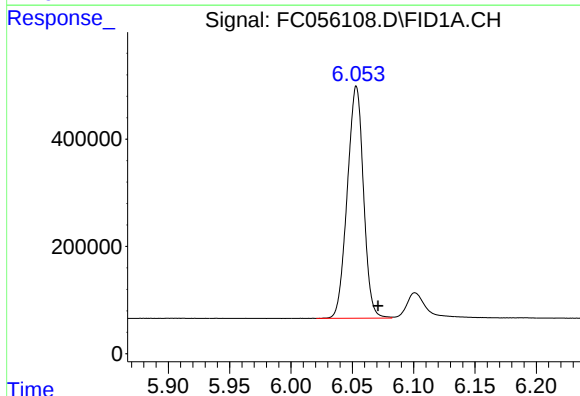
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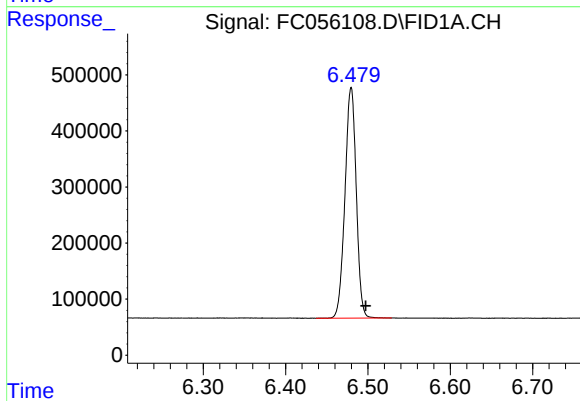
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.017 min
Response: 3150442
Conc: 29.47 ug/ml



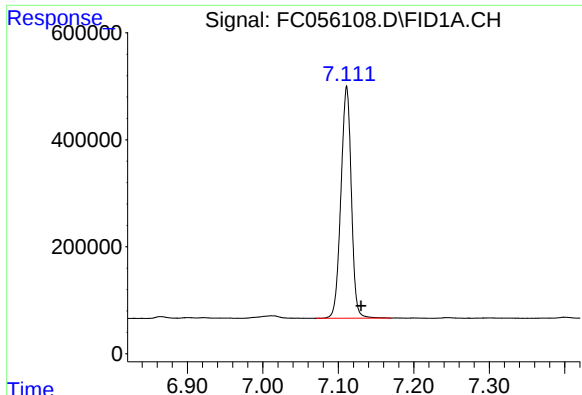
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: -0.018 min
Response: 3981569
Conc: 33.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.480 min
Delta R.T.: -0.018 min
Response: 3917378
Conc: 36.09 ug/ml



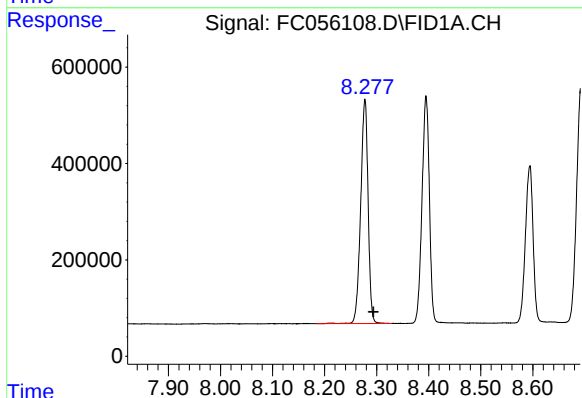
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.111 min
Delta R.T.: -0.019 min
Response: 4159162
Conc: 34.24 ug/ml

Instrument :
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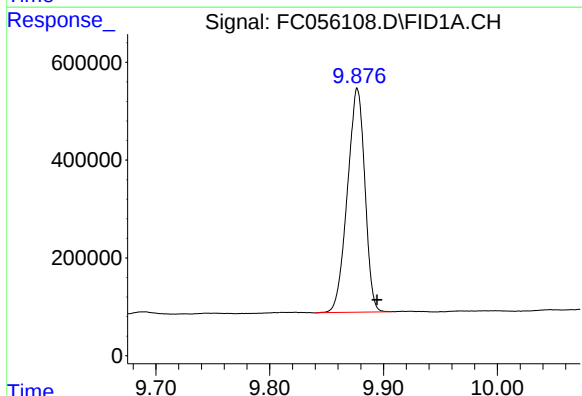
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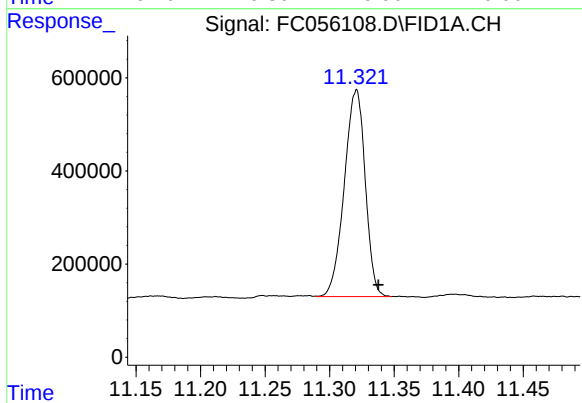
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.016 min
Response: 4619356
Conc: 41.75 ug/ml



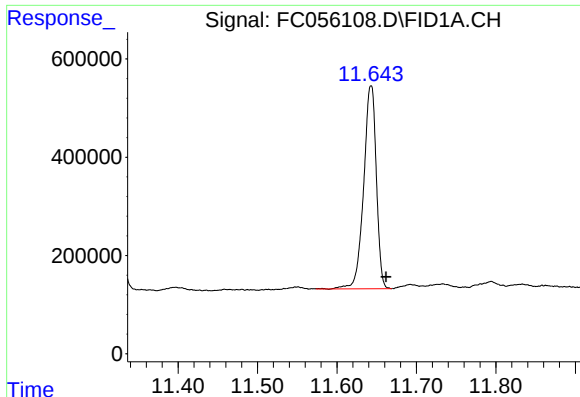
#7 n-Hexadecane (C16)

R.T.: 9.876 min
Delta R.T.: -0.018 min
Response: 4886769
Conc: 44.15 ug/ml m



#8 n-Octadecane (C18)

R.T.: 11.321 min
Delta R.T.: -0.017 min
Response: 5015151
Conc: 44.81 ug/ml m



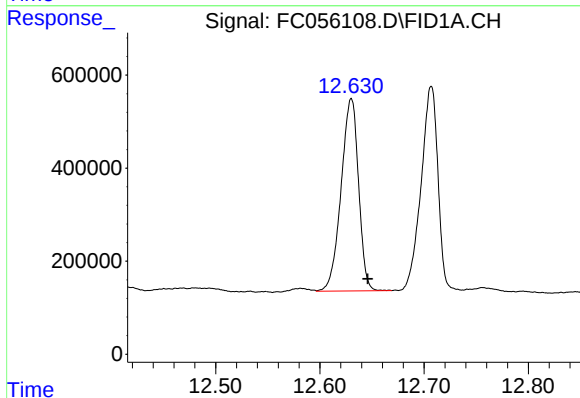
#9 ortho-Terphenyl (SURR)

R.T.: 11.643 min
Delta R.T.: -0.019 min
Response: 4573953
Conc: 38.55 ug/ml

Instrument :
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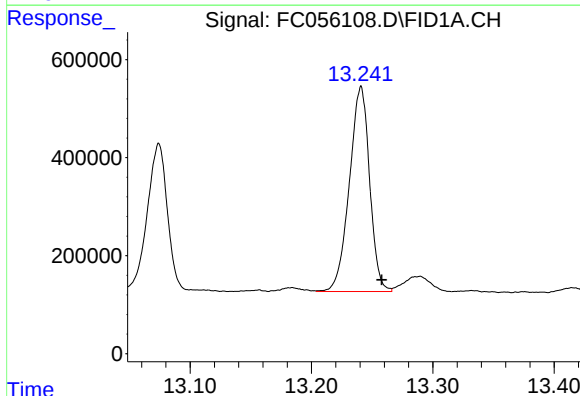
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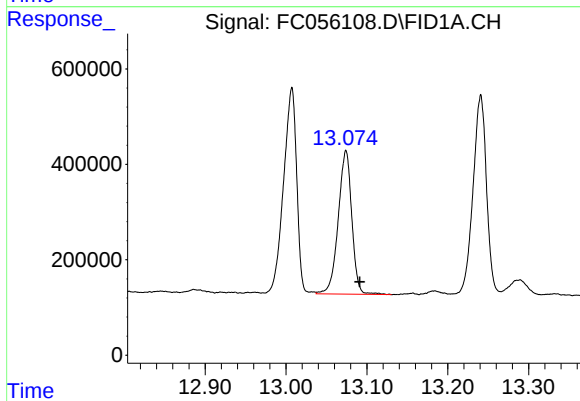
#10 n-Eicosane (C20)

R.T.: 12.630 min
Delta R.T.: -0.016 min
Response: 4810999
Conc: 44.05 ug/ml



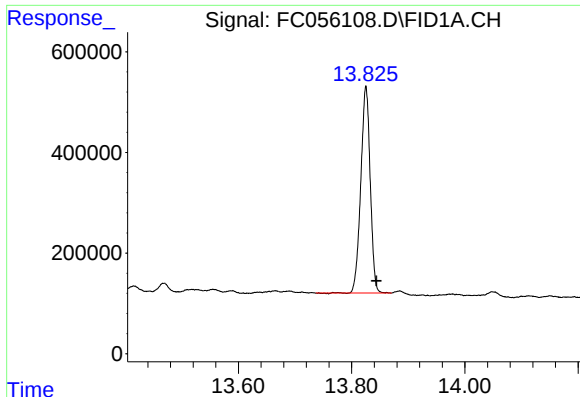
#11 n-Heneicosane (C21)

R.T.: 13.241 min
Delta R.T.: -0.017 min
Response: 4849551
Conc: 44.60 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: -0.017 min
Response: 3513462
Conc: 38.24 ug/ml



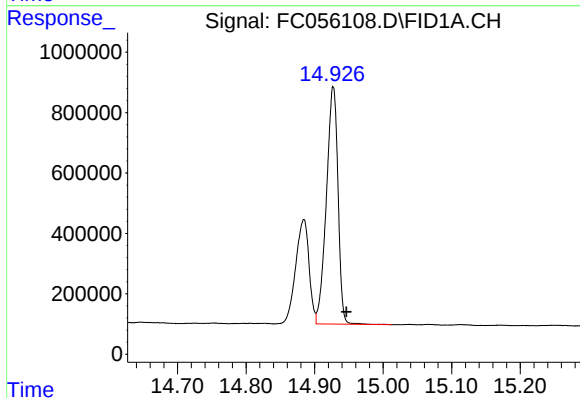
#13 n-Docosane (C22)

R.T.: 13.825 min
Delta R.T.: -0.018 min
Response: 4745477
Conc: 44.43 ug/ml

Instrument :
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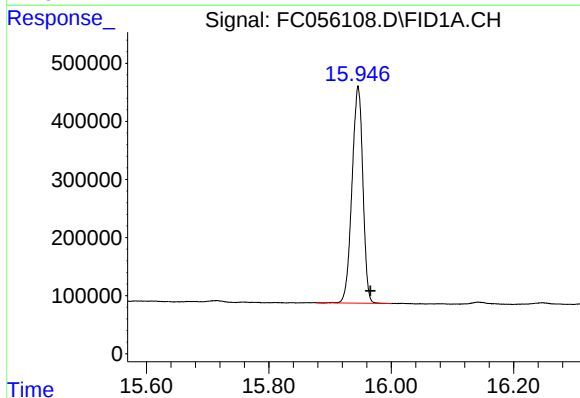
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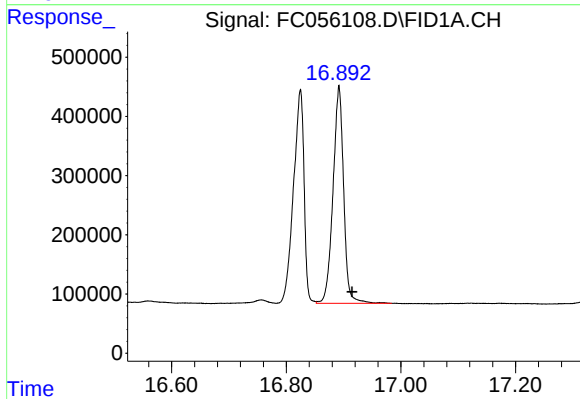
#14 n-Tetracosane (C24)

R.T.: 14.927 min
Delta R.T.: -0.020 min
Response: 9272615
Conc: 88.68 ug/ml



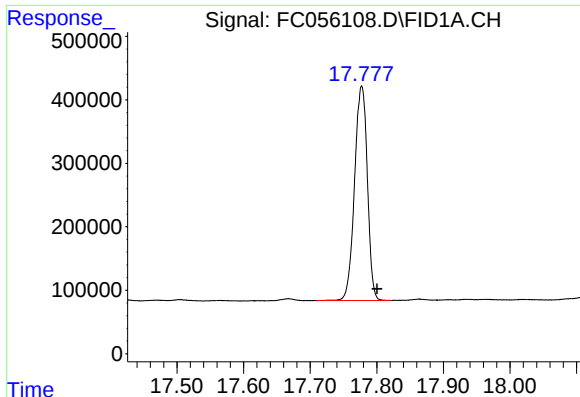
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: -0.020 min
Response: 4605089
Conc: 45.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.892 min
Delta R.T.: -0.023 min
Response: 4732700
Conc: 48.93 ug/ml



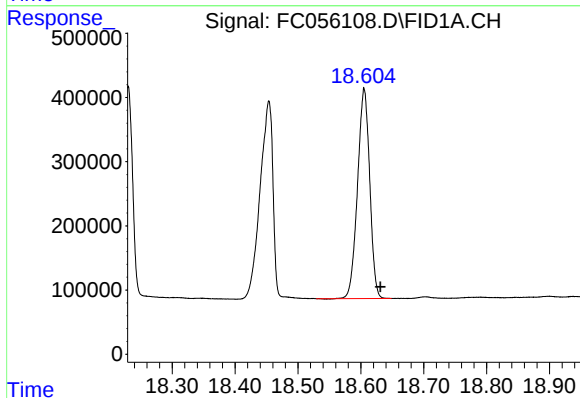
#17 n-Tricontane (C30)

R.T.: 17.777 min
Delta R.T.: -0.023 min
Response: 4513290
Conc: 48.64 ug/ml

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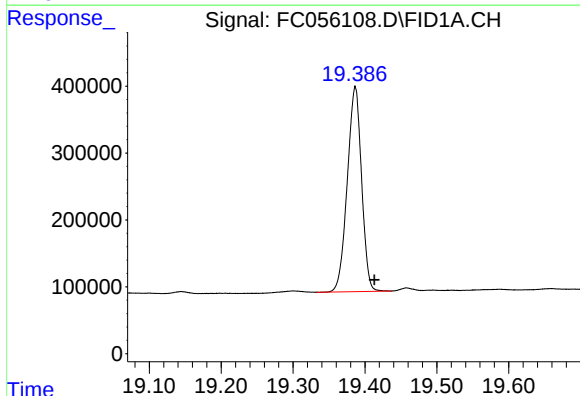
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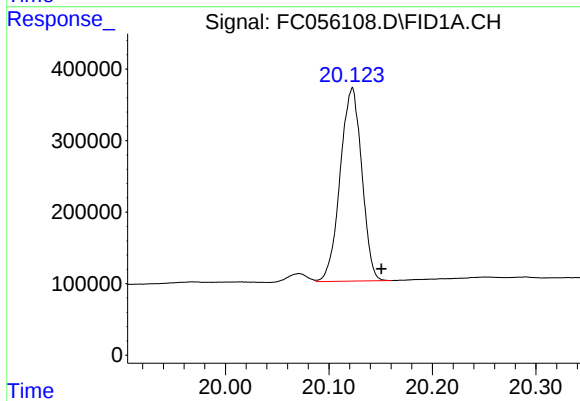
#18 n-Dotriacontane (C32)

R.T.: 18.605 min
Delta R.T.: -0.026 min
Response: 4406568
Conc: 49.56 ug/ml



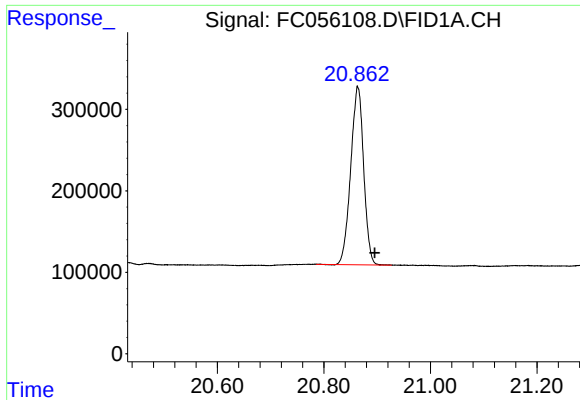
#19 n-Tetratriacontane (C34)

R.T.: 19.386 min
Delta R.T.: -0.027 min
Response: 4216034
Conc: 48.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.122 min
Delta R.T.: -0.028 min
Response: 3917134
Conc: 47.94 ug/ml



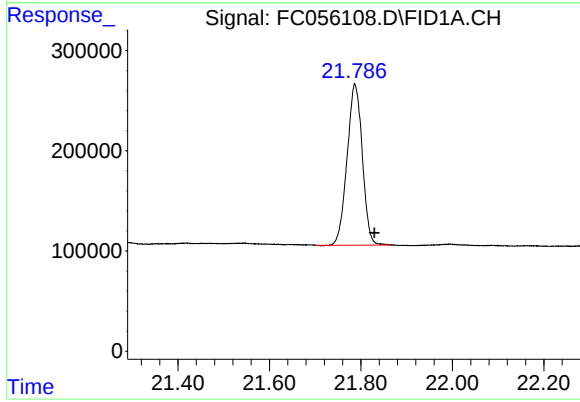
#21 n-Octatriacontane (C38)

R.T.: 20.864 min
Delta R.T.: -0.031 min
Response: 3686609
Conc: 46.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.787 min
Delta R.T.: -0.042 min
Response: 3708525
Conc: 46.26 ug/ml