

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101221AL\
 Data File : FC056140.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2021 21:57
 Operator : AJ\MA
 Sample : M4163-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 TR-04-100821MSD

Manual Integrations
 APPROVED

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 10/13/2021 1:24:41 PM

Integration File: sample.E
 Quant Time: Oct 13 05:08:00 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)	11.638	3615837	30.472 ug/mlm
Spiked Amount 50.000		Recovery =	60.94%
12) S 1-chlorooctadecane (S...	13.107	112492621	1224.436 ug/ml
Spiked Amount 50.000		Recovery =	2448.87%
Target Compounds			
1) T n-Nonane (C9)	3.387	2782676	26.076 ug/ml
2) T n-Decane (C10)	4.457	3224657	30.167 ug/ml
3) T A~Naphthalene (C11.7)	6.051	3900456	32.417 ug/ml
4) T n-Dodecane (C12)	6.478	3917363	36.091 ug/ml
5) T A~2-methylnaphthalene...	7.109	4047339	33.319 ug/ml
6) T n-Tetradecane (C14)	8.276	4310401	38.960 ug/ml
7) T n-Hexadecane (C16)	9.875	4395860	39.713 ug/ml
8) T n-Octadecane (C18)	11.317	4424858	39.535 ug/ml
10) T n-Eicosane (C20)	12.627	4324012	39.587 ug/ml
11) T n-Heneicosane (C21)	13.247	4619842	42.492 ug/ml
13) T n-Docosane (C22)	13.824	4329635	40.540 ug/ml
14) T n-Tetracosane (C24)	14.926	9075100	86.786 ug/ml
15) T n-Hexacosane (C26)	15.944	4043833	40.248 ug/ml
16) T n-Octacosane (C28)	16.890	4431133	45.810 ug/ml
17) T n-Tricontane (C30)	17.776	4177961	45.028 ug/mlm
18) T n-Dotriacontane (C32)	18.606	4235183	47.636 ug/mlm
19) T n-Tetratriacontane (C34)	19.386	3740959	43.254 ug/mlm
20) T n-Hexatriacontane (C36)	20.126	3777499	46.235 ug/ml
21) T n-Octatriacontane (C38)	20.867	3427218	43.008 ug/ml
22) T n-Tetracontane (C40)	21.795	3687606	46.003 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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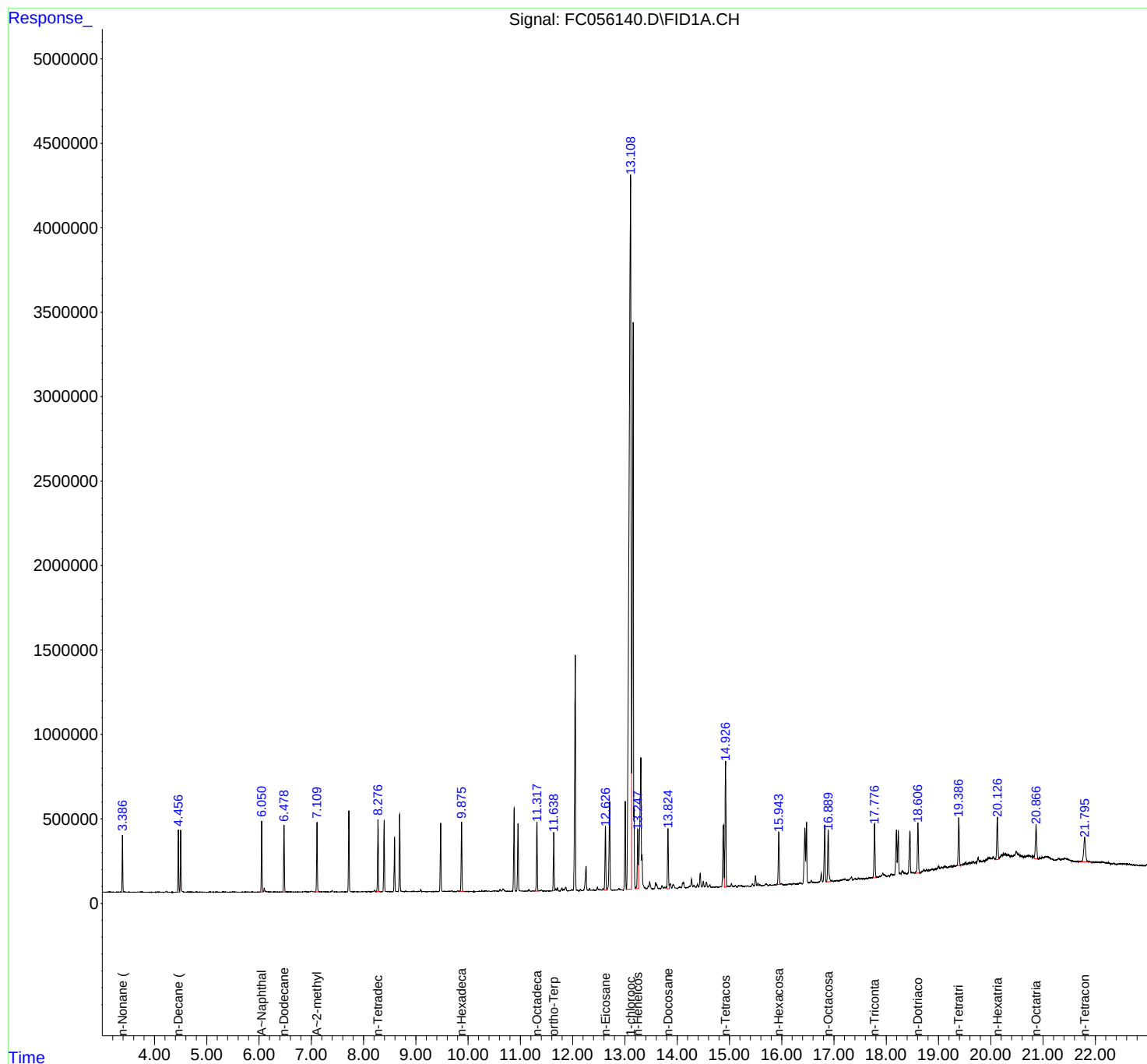
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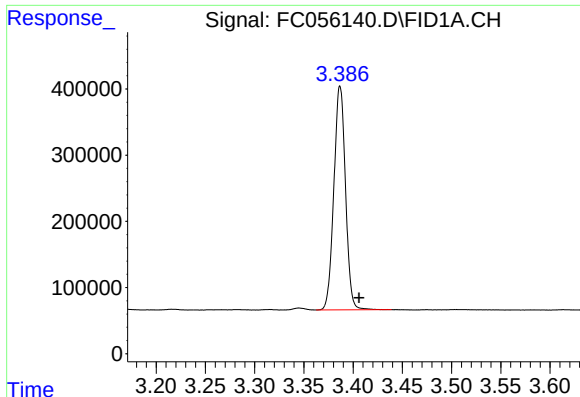
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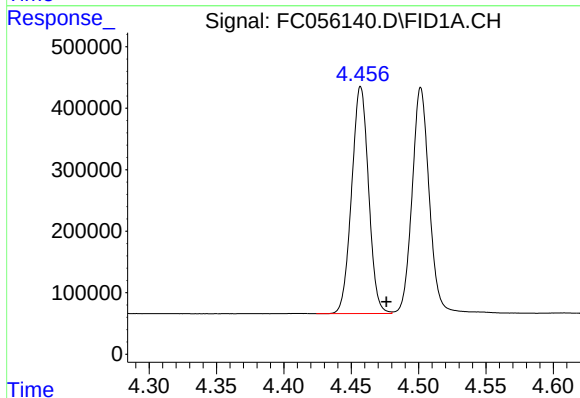
#1 n-Nonane (C9)

R.T.: 3.387 min
Delta R.T.: -0.019 min
Response: 2782676
Conc: 26.08 ug/ml

Instrument :
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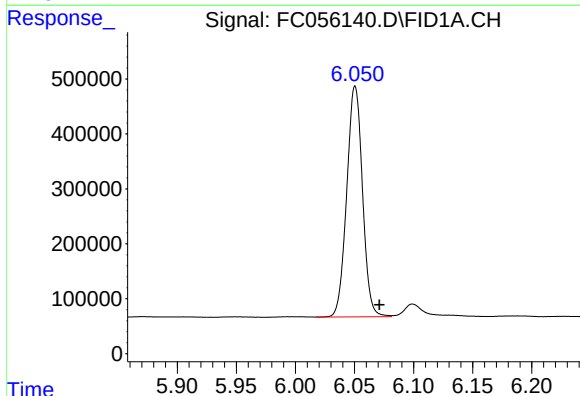
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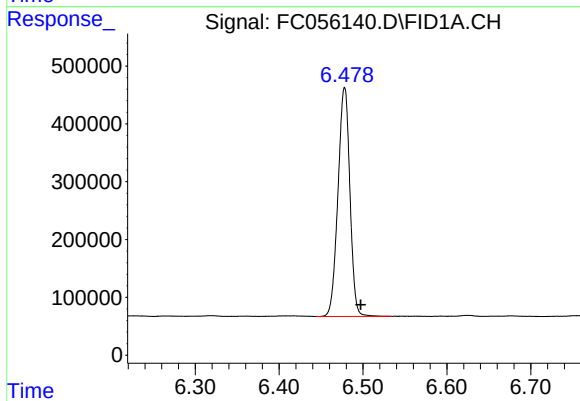
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.019 min
Response: 3224657
Conc: 30.17 ug/ml



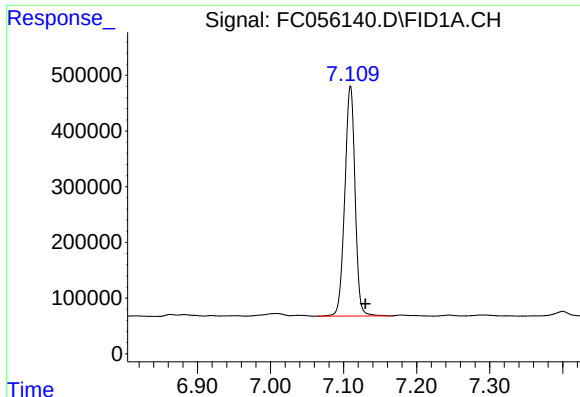
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: -0.020 min
Response: 3900456
Conc: 32.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.478 min
Delta R.T.: -0.019 min
Response: 3917363
Conc: 36.09 ug/ml



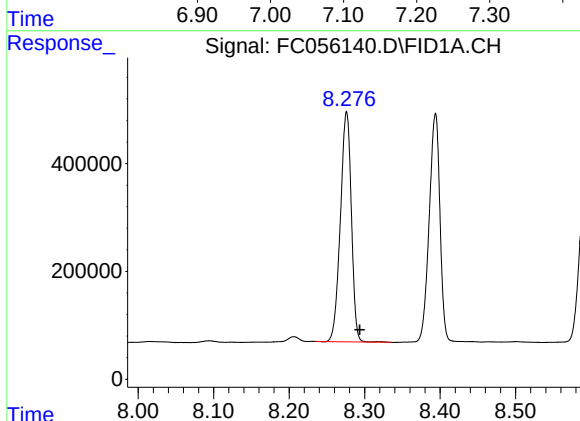
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.109 min
Delta R.T.: -0.021 min
Response: 4047339
Conc: 33.32 ug/ml

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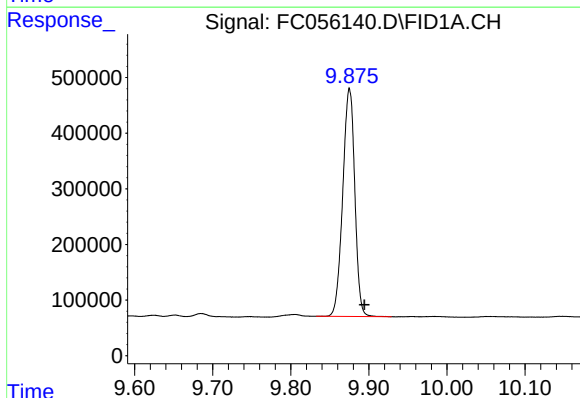
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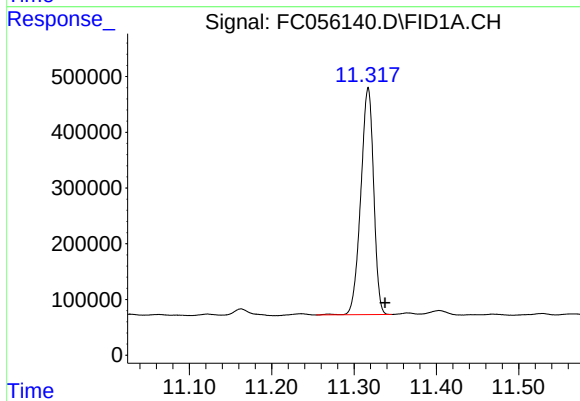
#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: -0.018 min
Response: 4310401
Conc: 38.96 ug/ml



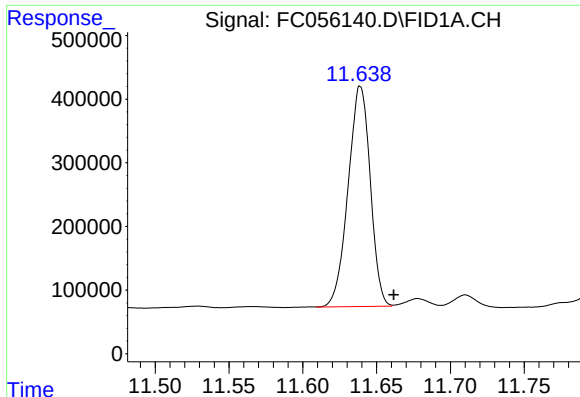
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.019 min
Response: 4395860
Conc: 39.71 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: -0.021 min
Response: 4424858
Conc: 39.54 ug/ml



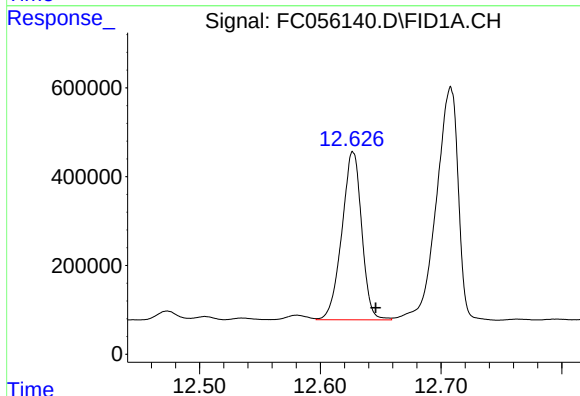
#9 ortho-Terphenyl (SURR)

R.T.: 11.638 min
Delta R.T.: -0.024 min
Response: 3615837
Conc: 30.47 ug/ml m

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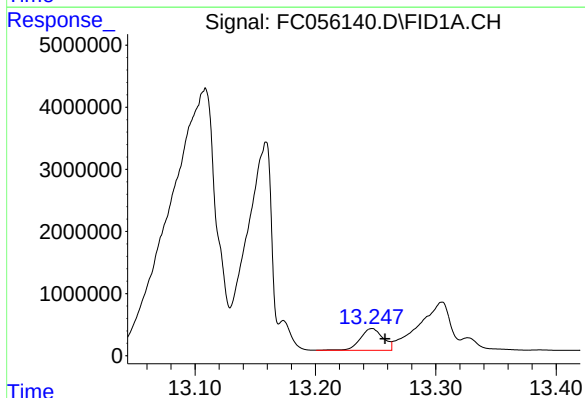
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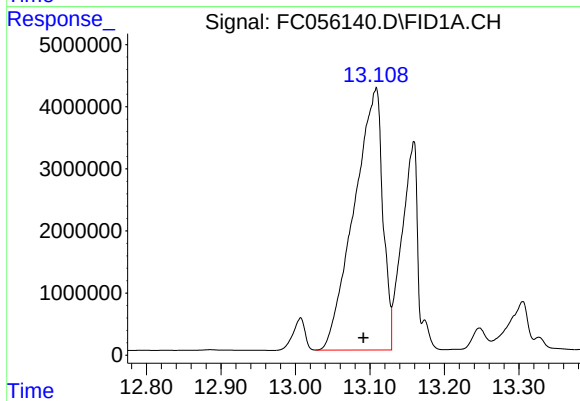
#10 n-Eicosane (C20)

R.T.: 12.627 min
Delta R.T.: -0.019 min
Response: 4324012
Conc: 39.59 ug/ml



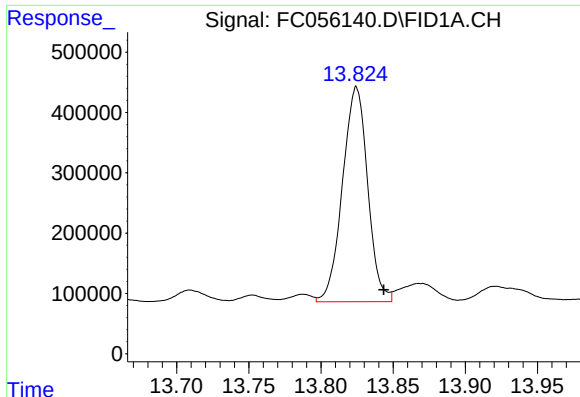
#11 n-Heneicosane (C21)

R.T.: 13.247 min
Delta R.T.: -0.011 min
Response: 4619842
Conc: 42.49 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.107 min
Delta R.T.: 0.016 min
Response: 112492621
Conc: 1224.44 ug/ml



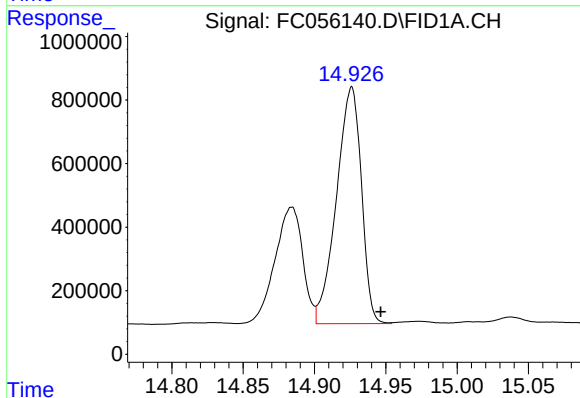
#13 n-Docosane (C22)

R.T.: 13.824 min
Delta R.T.: -0.019 min
Response: 4329635
Conc: 40.54 ug/ml

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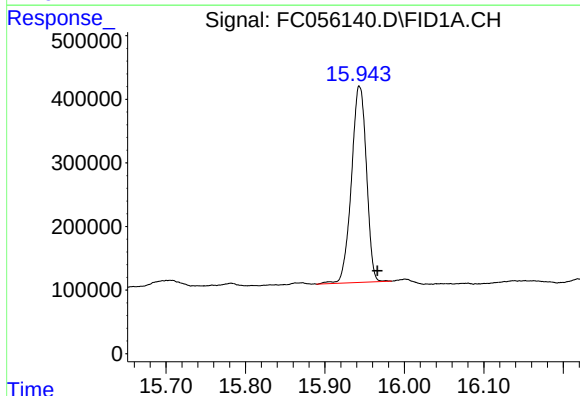
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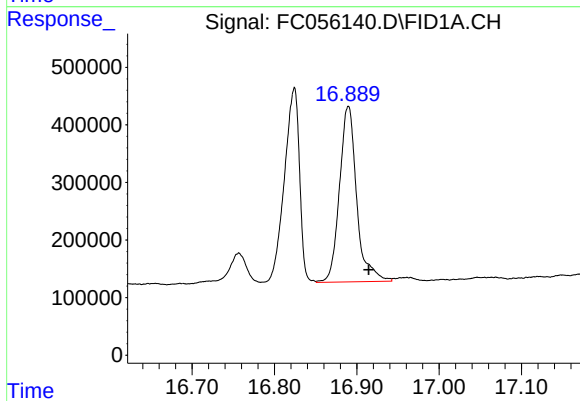
#14 n-Tetracosane (C24)

R.T.: 14.926 min
Delta R.T.: -0.021 min
Response: 9075100
Conc: 86.79 ug/ml



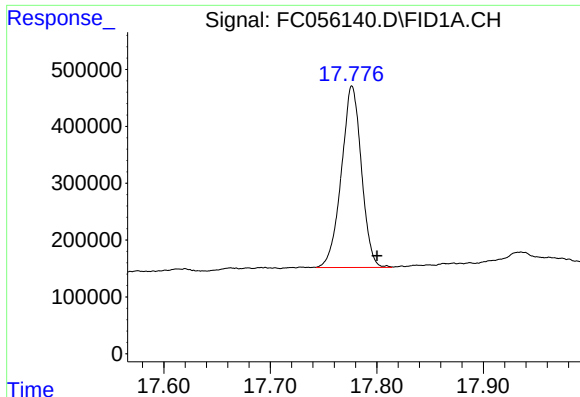
#15 n-Hexacosane (C26)

R.T.: 15.944 min
Delta R.T.: -0.022 min
Response: 4043833
Conc: 40.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.890 min
Delta R.T.: -0.025 min
Response: 4431133
Conc: 45.81 ug/ml



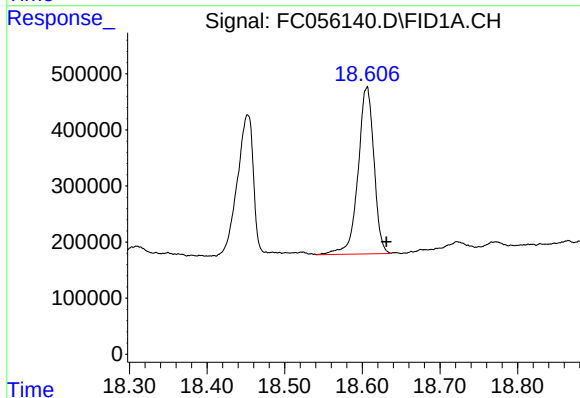
#17 n-Tricontane (C30)

R.T.: 17.776 min
Delta R.T.: -0.024 min
Response: 4177961
Conc: 45.03 ug/ml m

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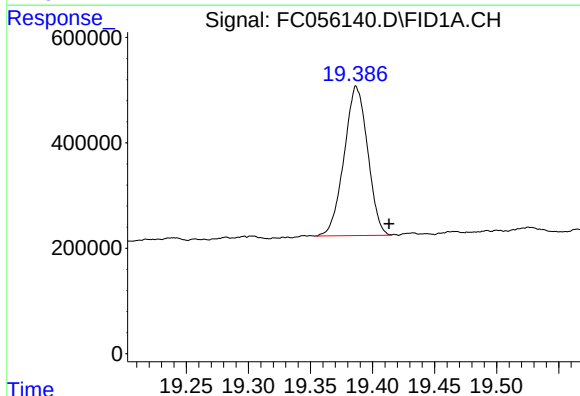
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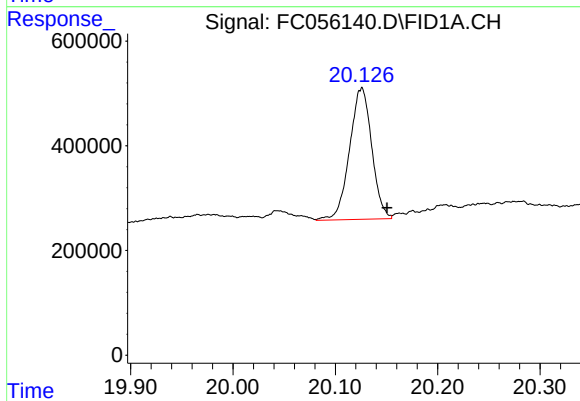
#18 n-Dotriacontane (C32)

R.T.: 18.606 min
Delta R.T.: -0.024 min
Response: 4235183
Conc: 47.64 ug/ml m



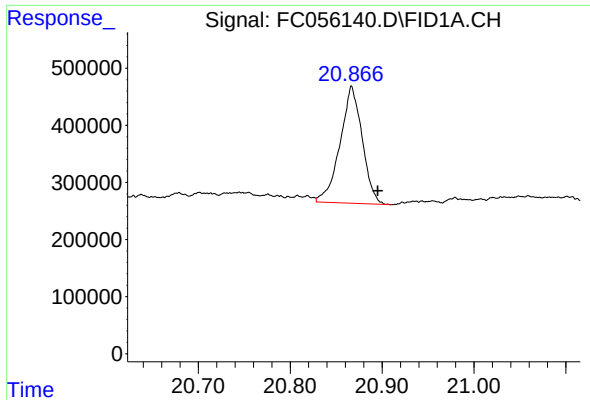
#19 n-Tetratriacontane (C34)

R.T.: 19.386 min
Delta R.T.: -0.027 min
Response: 3740959
Conc: 43.25 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.126 min
Delta R.T.: -0.025 min
Response: 3777499
Conc: 46.24 ug/ml



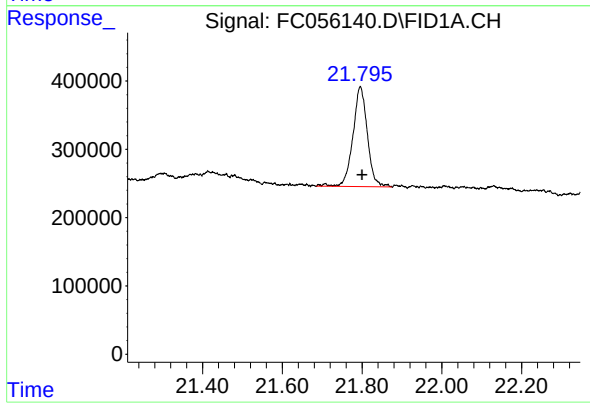
#21 n-Octatriacontane (C38)

R.T.: 20.867 min
Delta R.T.: -0.028 min
Response: 3427218
Conc: 43.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.795 min
Delta R.T.: -0.005 min
Response: 3687606
Conc: 46.00 ug/ml