

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101321AL\
 Data File : FC056165.D
 Signal(s) : FID1A.CH
 Acq On : 13 Oct 2021 18:06
 Operator : AJ\MA
 Sample : M4178-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Oct 13 23:39:14 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)	11.640	4383769	36.944 ug/mlm
Spiked Amount 50.000		Recovery =	73.89%
12) S 1-chlorooctadecane (S...	13.072	3971725	43.231 ug/mlm
Spiked Amount 50.000		Recovery =	86.46%
Target Compounds			
1) T n-Nonane (C9)	3.389	2857531	26.778 ug/ml
2) T n-Decane (C10)	4.459	3288853	30.767 ug/ml
3) T A~Naphthalene (C11.7)	6.053	4437513	36.881 ug/ml
4) T n-Dodecane (C12)	6.479	3961317	36.496 ug/ml
5) T A~2-methylnaphthalene...	7.112	4645497	38.243 ug/ml
6) T n-Tetradecane (C14)	8.277	4394165	39.718 ug/ml
7) T n-Hexadecane (C16)	9.875	4385130	39.616 ug/mlm
8) T n-Octadecane (C18)	11.318	4308985	38.500 ug/ml
10) T n-Eicosane (C20)	12.626	4526280	41.439 ug/ml
11) T n-Heneicosane (C21)	13.237	4133849	38.022 ug/ml
13) T n-Docosane (C22)	13.821	4132272	38.692 ug/mlm
14) T n-Tetracosane (C24)	14.926	9069447	86.732 ug/ml
15) T n-Hexacosane (C26)	15.945	4139274	41.197 ug/ml
16) T n-Octacosane (C28)	16.891	4683482	48.419 ug/ml
17) T n-Tricontane (C30)	17.780	4293870	46.277 ug/ml
18) T n-Dotriacontane (C32)	18.609	4782815	53.796 ug/ml
19) T n-Tetratriacontane (C34)	19.388	3960884	45.797 ug/mlm
20) T n-Hexatriacontane (C36)	20.128	3557539	43.543 ug/mlm
21) T n-Octatriacontane (C38)	20.869	3095510	38.846 ug/ml
22) T n-Tetracontane (C40)	21.799	3741155	46.671 ug/ml

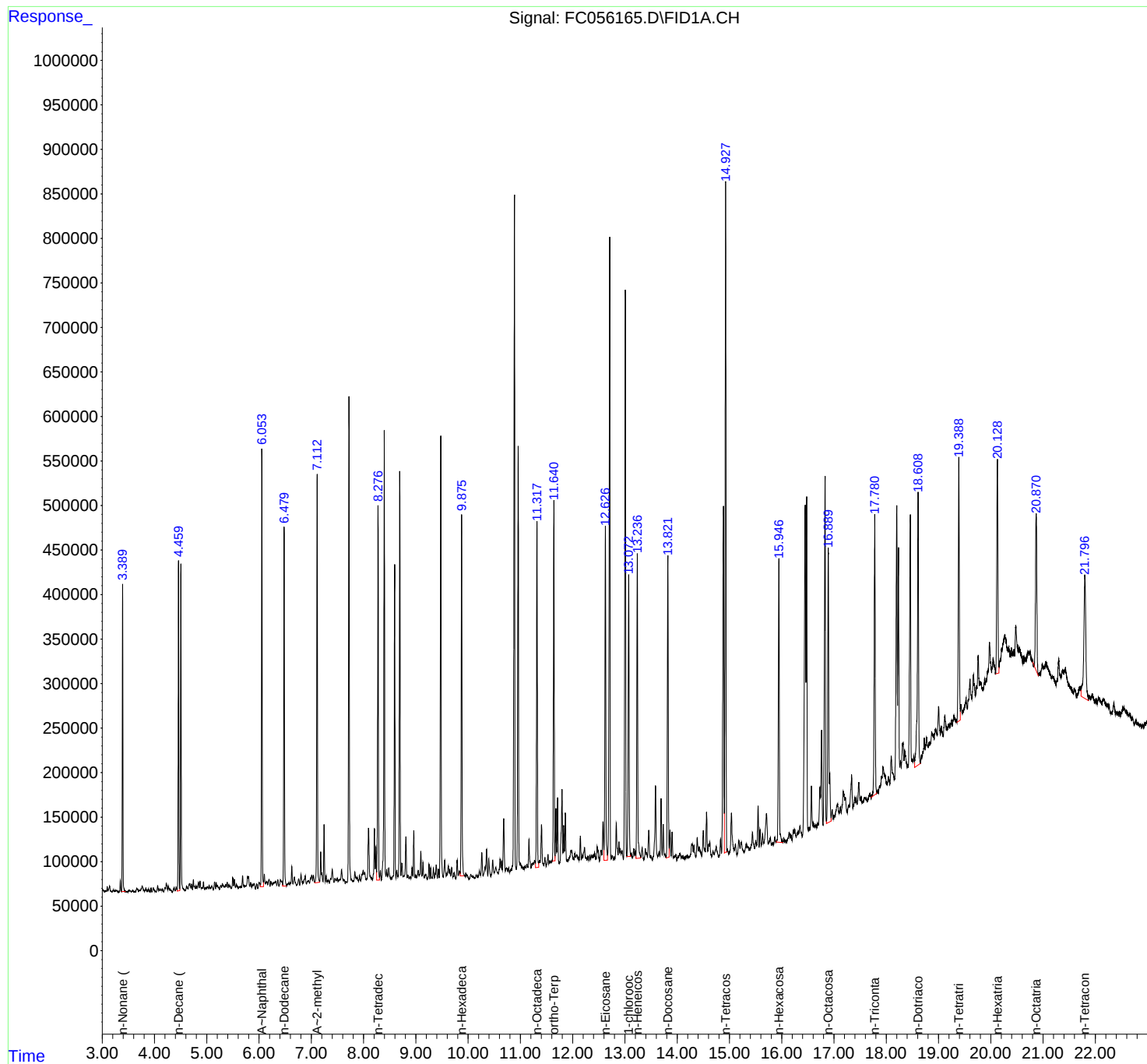
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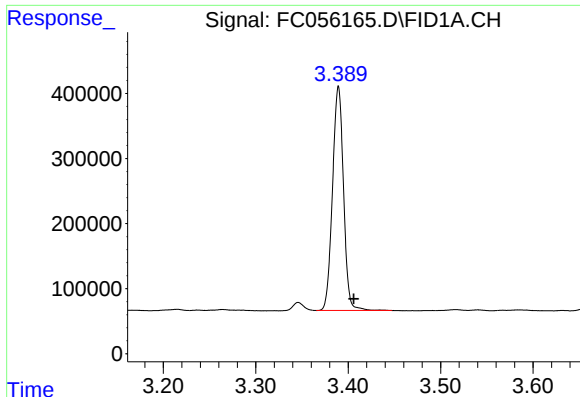
(m)=manual int.

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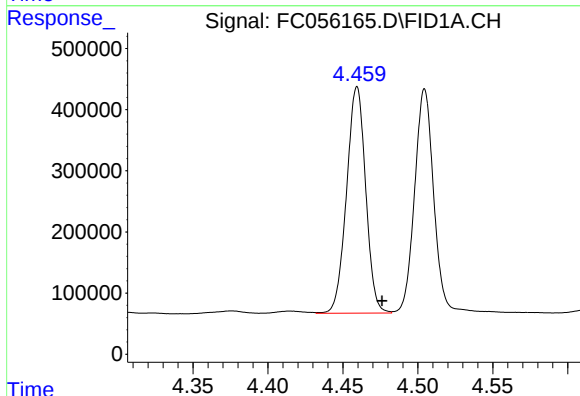
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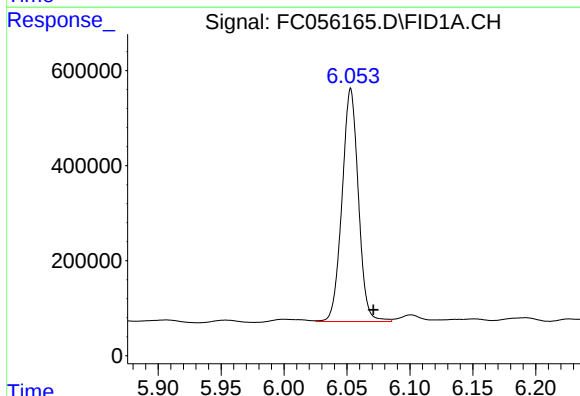
#1 n-Nonane (C9)

R.T.: 3.389 min
Delta R.T.: -0.017 min
Response: 2857531
Conc: 26.78 ug/ml



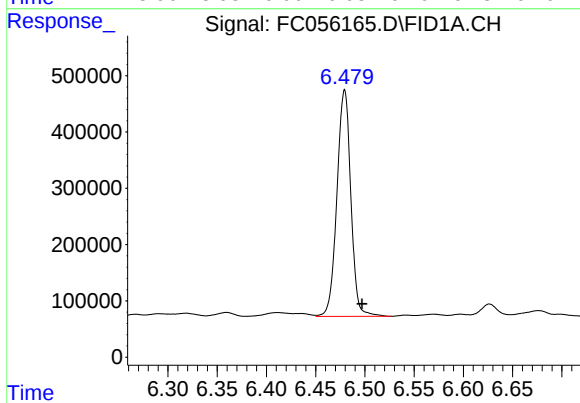
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.017 min
Response: 3288853
Conc: 30.77 ug/ml



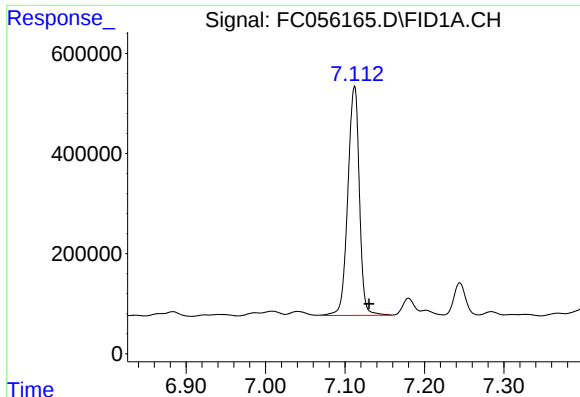
#3 A~Naphthalene (C11.7)

R.T.: 6.053 min
Delta R.T.: -0.018 min
Response: 4437513
Conc: 36.88 ug/ml



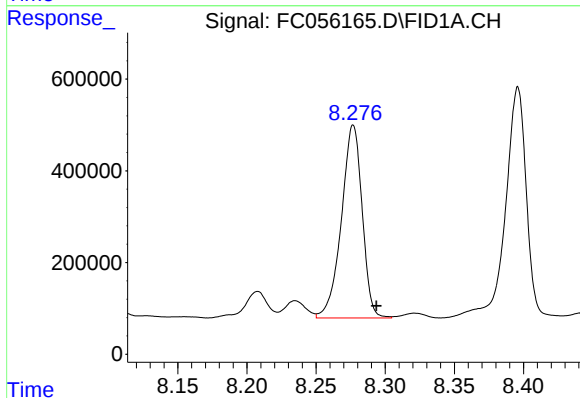
#4 n-Dodecane (C12)

R.T.: 6.479 min
Delta R.T.: -0.018 min
Response: 3961317
Conc: 36.50 ug/ml



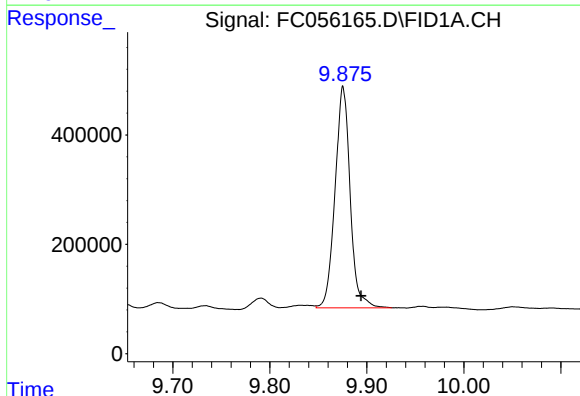
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.112 min
Delta R.T.: -0.019 min
Response: 4645497
Conc: 38.24 ug/ml



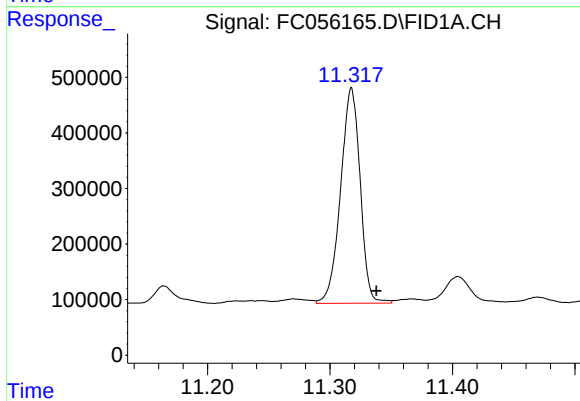
#6 n-Tetradecane (C14)

R.T.: 8.277 min
Delta R.T.: -0.017 min
Response: 4394165
Conc: 39.72 ug/ml



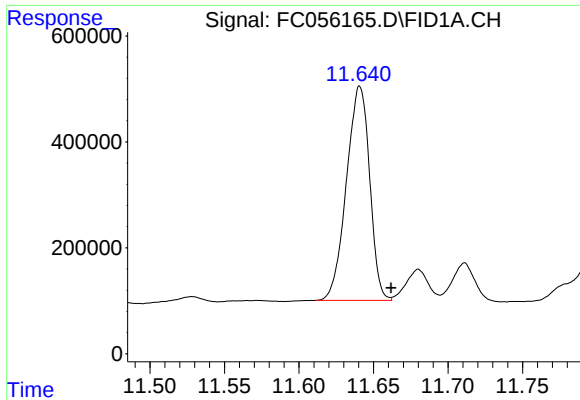
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.019 min
Response: 4385130
Conc: 39.62 ug/ml m



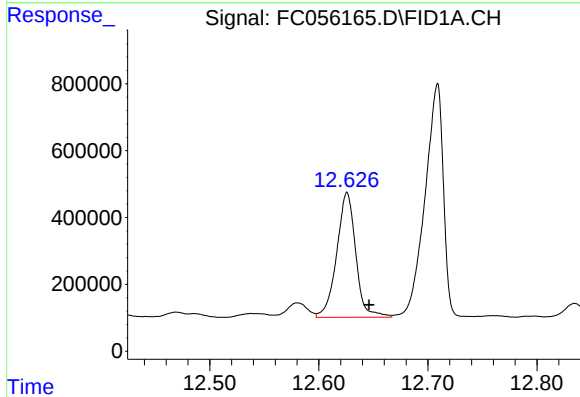
#8 n-Octadecane (C18)

R.T.: 11.318 min
Delta R.T.: -0.020 min
Response: 4308985
Conc: 38.50 ug/ml



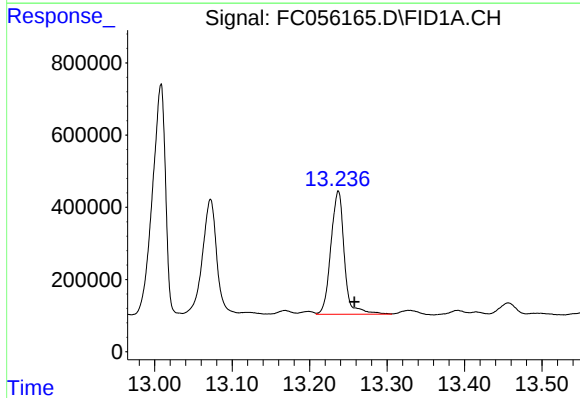
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.022 min
Response: 4383769
Conc: 36.94 ug/ml m



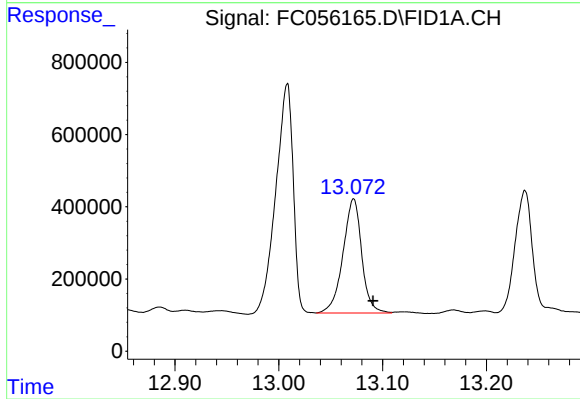
#10 n-Eicosane (C20)

R.T.: 12.626 min
Delta R.T.: -0.020 min
Response: 4526280
Conc: 41.44 ug/ml



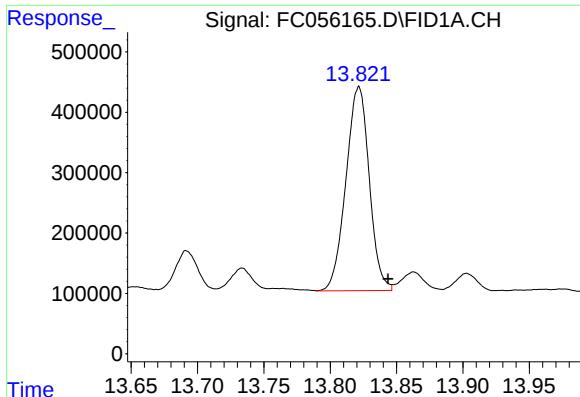
#11 n-Heneicosane (C21)

R.T.: 13.237 min
Delta R.T.: -0.021 min
Response: 4133849
Conc: 38.02 ug/ml



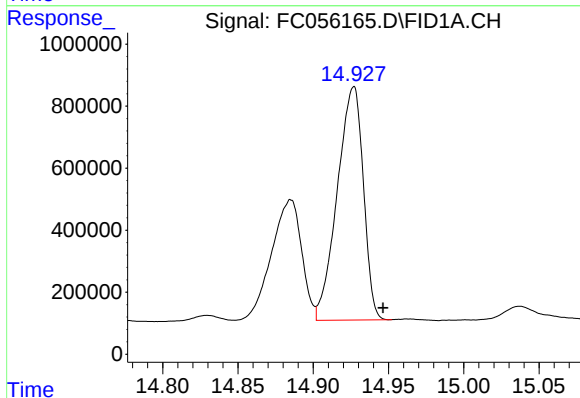
#12 1-chlorooctadecane (SURR)

R.T.: 13.072 min
Delta R.T.: -0.019 min
Response: 3971725
Conc: 43.23 ug/ml m



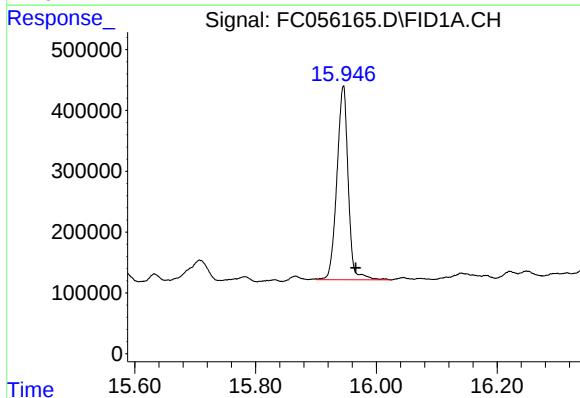
#13 n-Docosane (C22)

R.T.: 13.821 min
Delta R.T.: -0.022 min
Response: 4132272
Conc: 38.69 ug/ml m



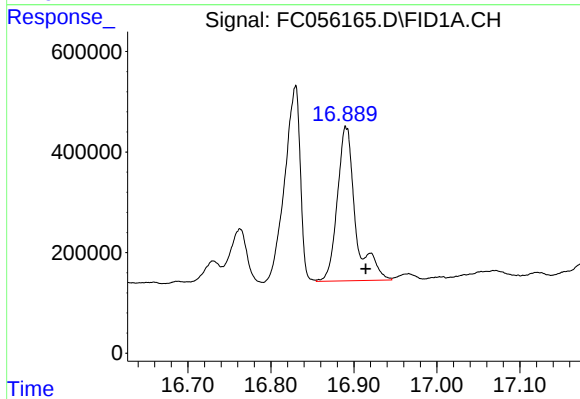
#14 n-Tetracosane (C24)

R.T.: 14.926 min
Delta R.T.: -0.020 min
Response: 9069447
Conc: 86.73 ug/ml



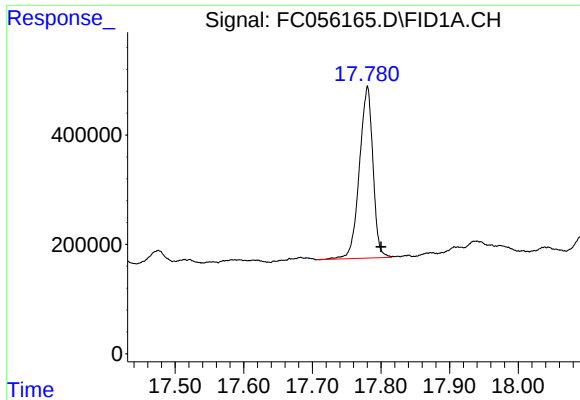
#15 n-Hexacosane (C26)

R.T.: 15.945 min
Delta R.T.: -0.021 min
Response: 4139274
Conc: 41.20 ug/ml



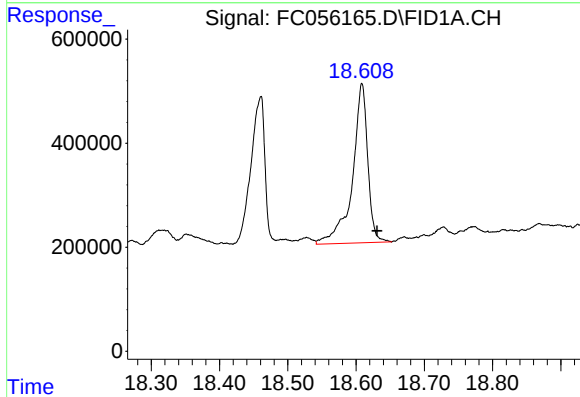
#16 n-Octacosane (C28)

R.T.: 16.891 min
Delta R.T.: -0.024 min
Response: 4683482
Conc: 48.42 ug/ml



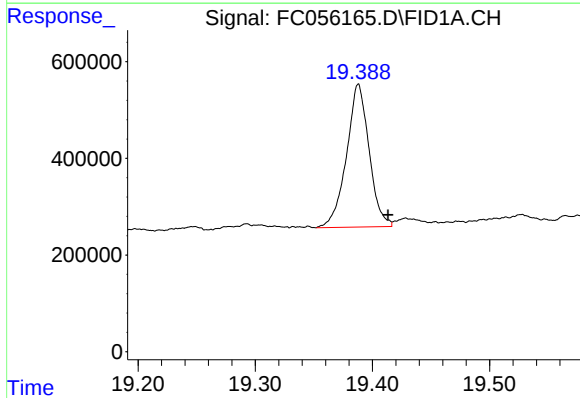
#17 n-Tricontane (C30)

R.T.: 17.780 min
Delta R.T.: -0.020 min
Response: 4293870
Conc: 46.28 ug/ml



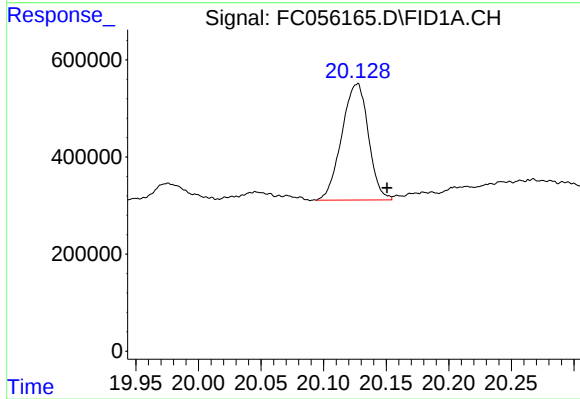
#18 n-Dotriacontane (C32)

R.T.: 18.609 min
Delta R.T.: -0.022 min
Response: 4782815
Conc: 53.80 ug/ml



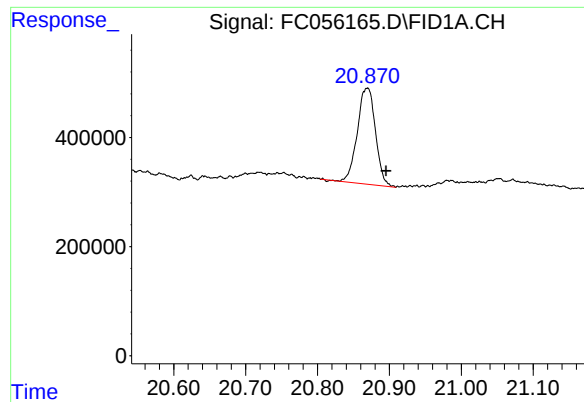
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: -0.025 min
Response: 3960884
Conc: 45.80 ug/ml m



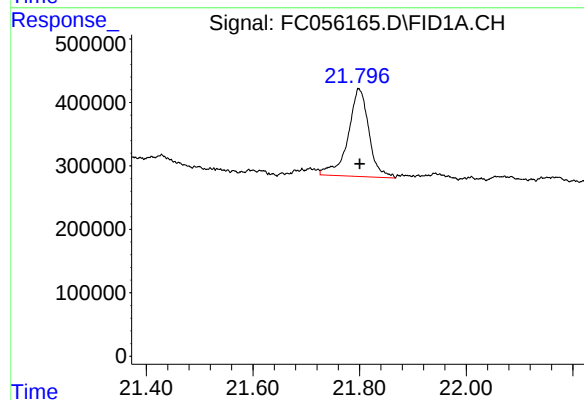
#20 n-Hexatriacontane (C36)

R.T.: 20.128 min
Delta R.T.: -0.023 min
Response: 3557539
Conc: 43.54 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.869 min
Delta R.T.: -0.026 min
Response: 3095510
Conc: 38.85 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.799 min
Delta R.T.: 0.000 min
Response: 3741155
Conc: 46.67 ug/ml