

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101321AL\
 Data File : FC056166.D
 Signal(s) : FID1A.CH
 Acq On : 13 Oct 2021 18:46
 Operator : AJ\MA
 Sample : M4178-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 23:39:32 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)	11.681	693889	5.848 ug/ml
Spiked Amount 50.000		Recovery =	11.70%
12) S 1-chlorooctadecane (S...	13.074	4180500	45.503 ug/ml
Spiked Amount 50.000		Recovery =	91.01%
Target Compounds			
1) T n-Nonane (C9)	3.386	2872587	26.919 ug/ml
2) T n-Decane (C10)	4.457	3304433	30.913 ug/ml
3) T A~Naphthalene (C11.7)	6.051	4493886	37.349 ug/ml
4) T n-Dodecane (C12)	6.478	3983591	36.702 ug/ml
5) T A~2-methylnaphthalene...	7.110	4703151	38.717 ug/ml
6) T n-Tetradecane (C14)	8.275	4432660	40.066 ug/ml
7) T n-Hexadecane (C16)	9.875	4582045	41.395 ug/ml
8) T n-Octadecane (C18)	11.319	4340657	38.783 ug/ml
10) T n-Eicosane (C20)	12.627	4575304	41.888 ug/ml
11) T n-Heneicosane (C21)	13.239	4174615	38.397 ug/ml
13) T n-Docosane (C22)	13.824	4204323	39.367 ug/ml
14) T n-Tetracosane (C24)	14.928	9303013	88.966 ug/ml
15) T n-Hexacosane (C26)	15.946	4283364	42.632 ug/ml
16) T n-Octacosane (C28)	16.922	598638	6.189 ug/ml
17) T n-Tricontane (C30)	17.781	4600740	49.585 ug/ml
18) T n-Dotriacontane (C32)	18.609	4814189	54.149 ug/ml
19) T n-Tetratriacontane (C34)	19.432	388854	4.496 ug/ml
20) T n-Hexatriacontane (C36)	20.128	4114101	50.355 ug/ml
21) T n-Octatriacontane (C38)	20.872	3321022	41.676 ug/ml
22) T n-Tetracontane (C40)	21.803	3547365	44.253 ug/ml

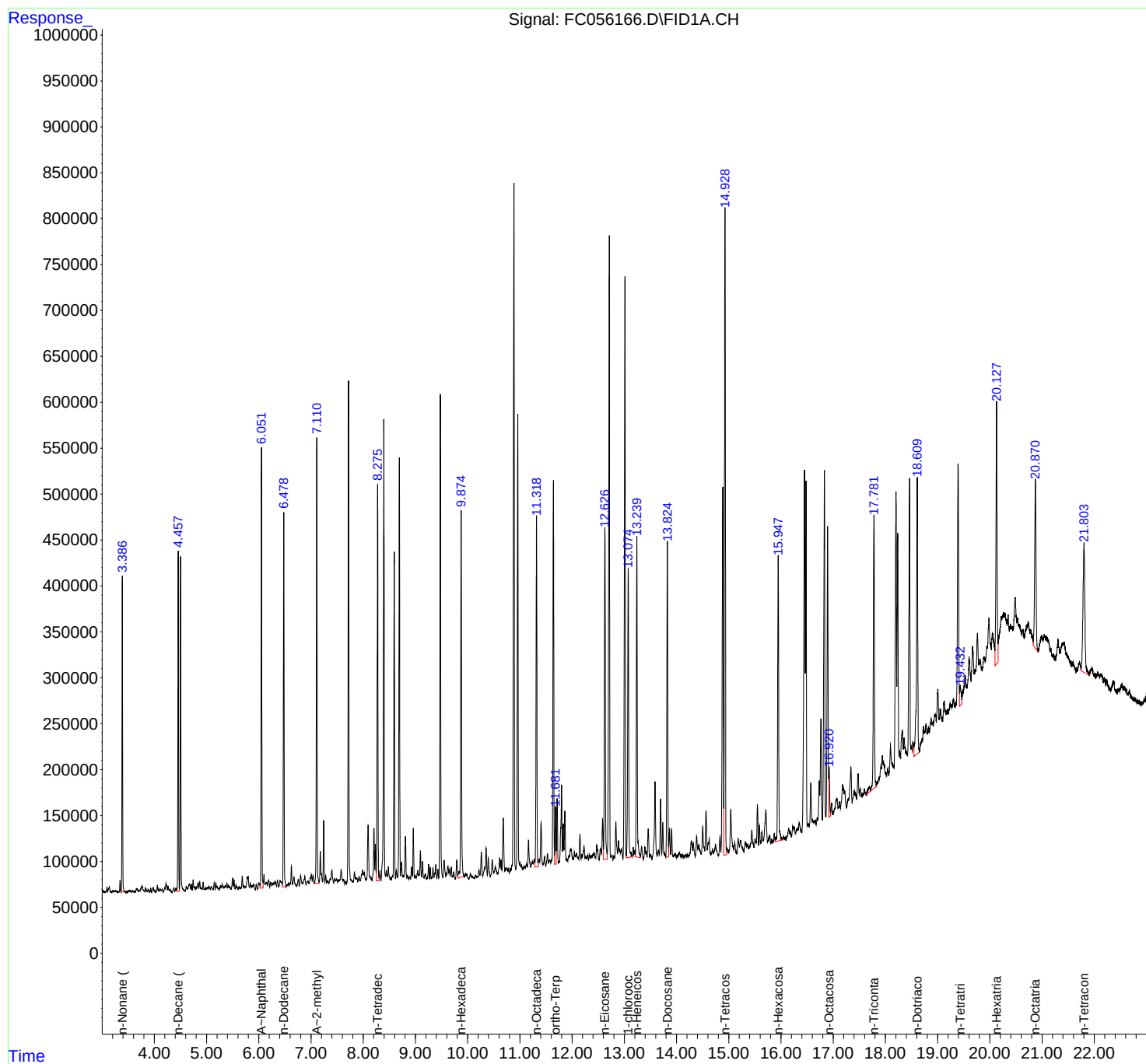
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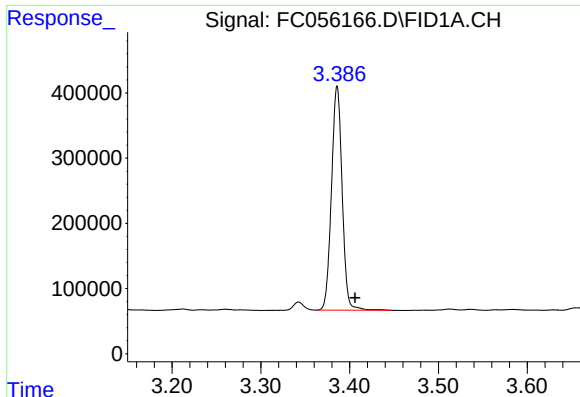
(m)=manual int.

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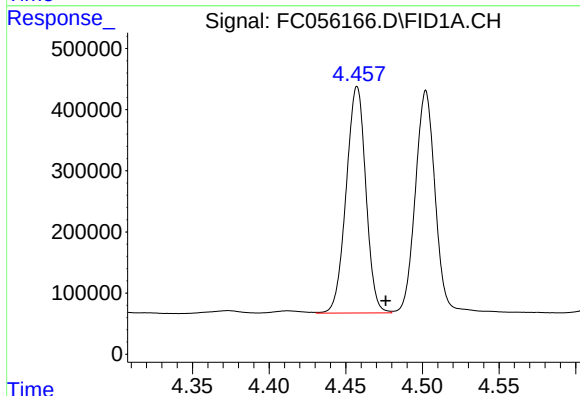
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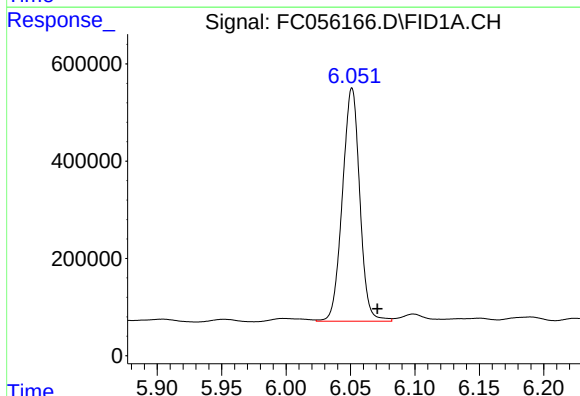
#1 n-Nonane (C9)

R.T.: 3.386 min
Delta R.T.: -0.020 min
Response: 2872587
Conc: 26.92 ug/ml



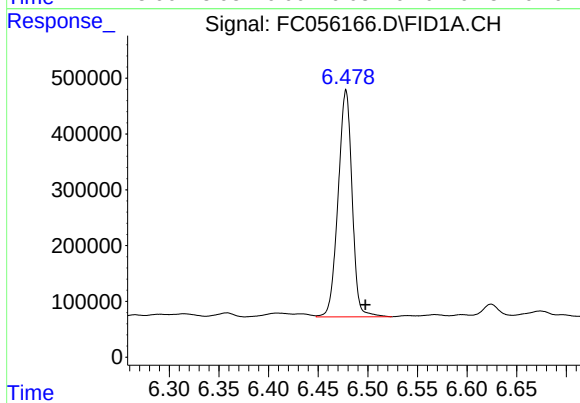
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.019 min
Response: 3304433
Conc: 30.91 ug/ml



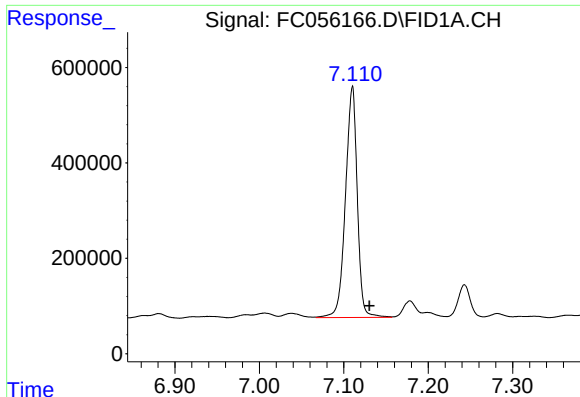
#3 A~Naphthalene (C11.7)

R.T.: 6.051 min
Delta R.T.: -0.020 min
Response: 4493886
Conc: 37.35 ug/ml



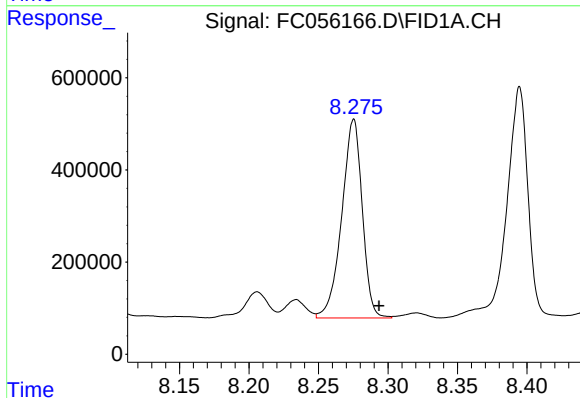
#4 n-Dodecane (C12)

R.T.: 6.478 min
Delta R.T.: -0.019 min
Response: 3983591
Conc: 36.70 ug/ml



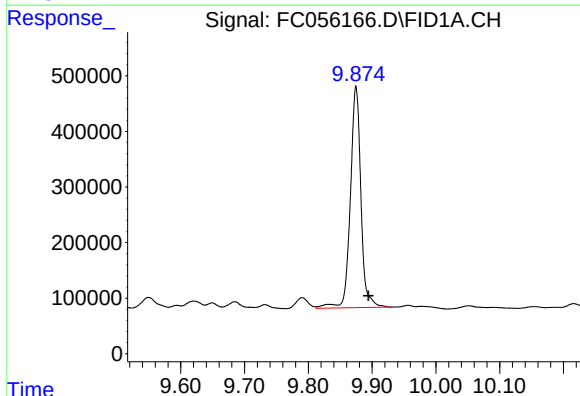
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.110 min
Delta R.T.: -0.020 min
Response: 4703151
Conc: 38.72 ug/ml



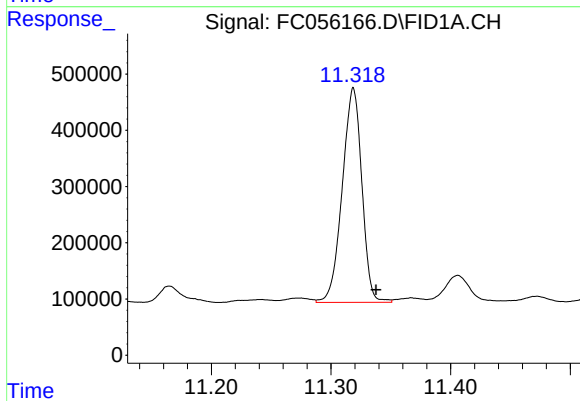
#6 n-Tetradecane (C14)

R.T.: 8.275 min
Delta R.T.: -0.018 min
Response: 4432660
Conc: 40.07 ug/ml



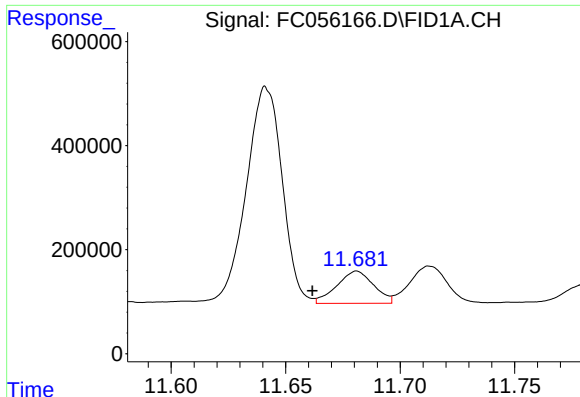
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.019 min
Response: 4582045
Conc: 41.39 ug/ml



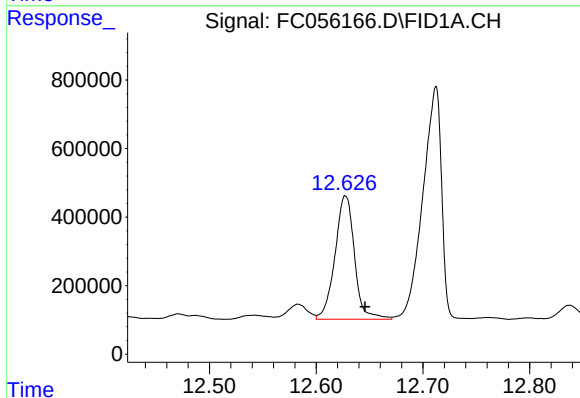
#8 n-Octadecane (C18)

R.T.: 11.319 min
Delta R.T.: -0.019 min
Response: 4340657
Conc: 38.78 ug/ml



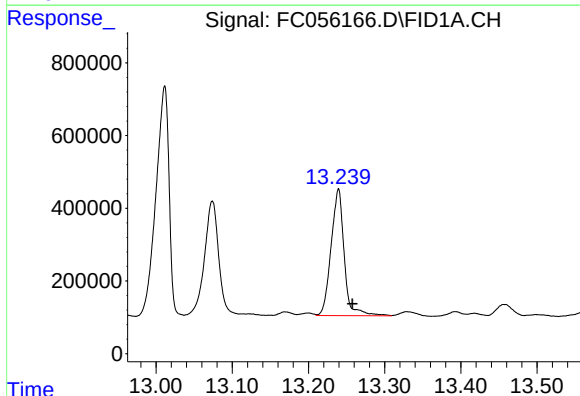
#9 ortho-Terphenyl (SURR)

R.T.: 11.681 min
Delta R.T.: 0.019 min
Response: 693889
Conc: 5.85 ug/ml



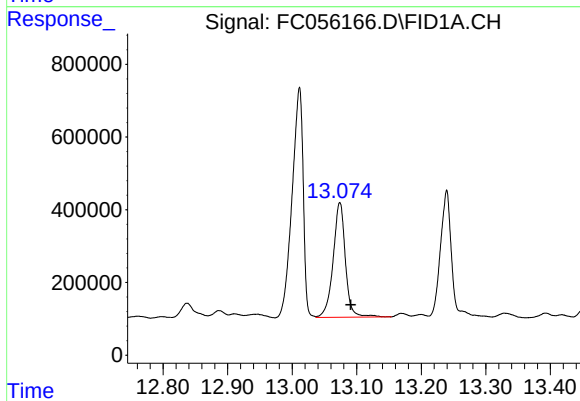
#10 n-Eicosane (C20)

R.T.: 12.627 min
Delta R.T.: -0.019 min
Response: 4575304
Conc: 41.89 ug/ml



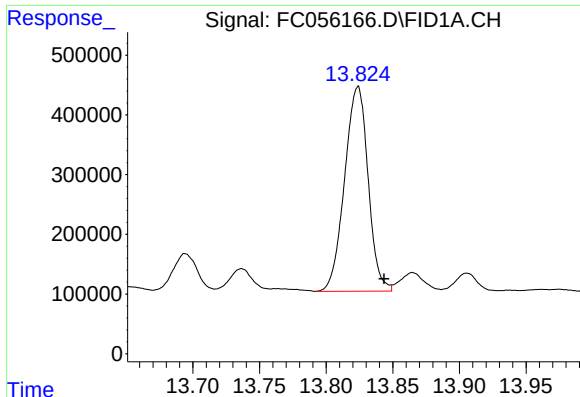
#11 n-Heneicosane (C21)

R.T.: 13.239 min
Delta R.T.: -0.019 min
Response: 4174615
Conc: 38.40 ug/ml



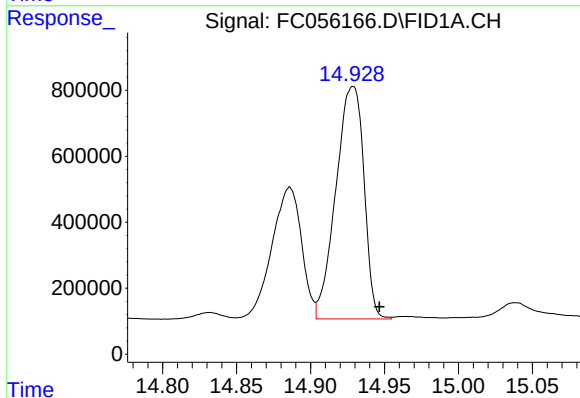
#12 1-chlorooctadecane (SURR)

R.T.: 13.074 min
Delta R.T.: -0.017 min
Response: 4180500
Conc: 45.50 ug/ml



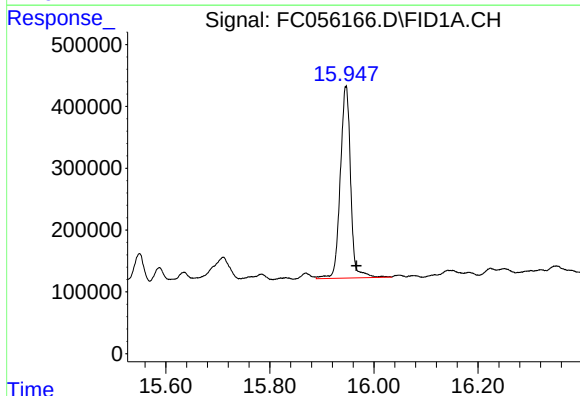
#13 n-Docosane (C22)

R.T.: 13.824 min
Delta R.T.: -0.020 min
Response: 4204323
Conc: 39.37 ug/ml



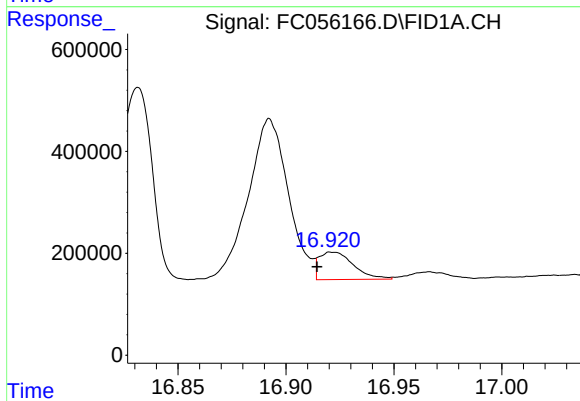
#14 n-Tetracosane (C24)

R.T.: 14.928 min
Delta R.T.: -0.018 min
Response: 9303013
Conc: 88.97 ug/ml



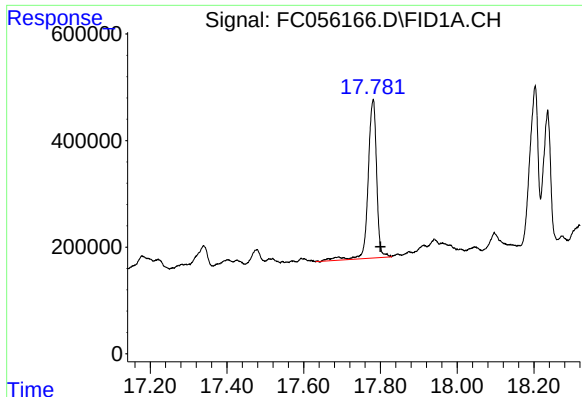
#15 n-Hexacosane (C26)

R.T.: 15.946 min
Delta R.T.: -0.020 min
Response: 4283364
Conc: 42.63 ug/ml



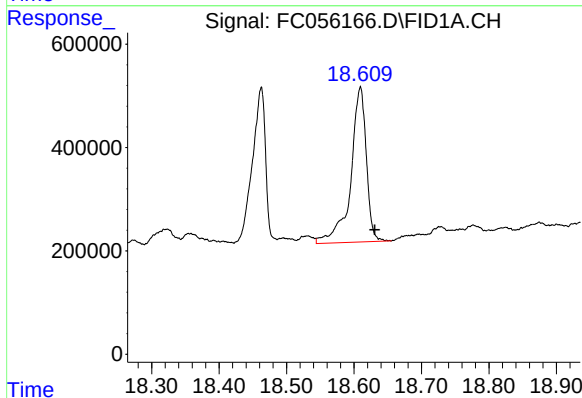
#16 n-Octacosane (C28)

R.T.: 16.922 min
Delta R.T.: 0.007 min
Response: 598638
Conc: 6.19 ug/ml



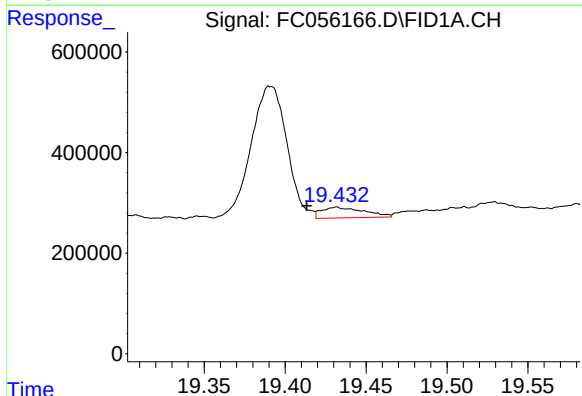
#17 n-Tricontane (C30)

R.T.: 17.781 min
Delta R.T.: -0.020 min
Response: 4600740
Conc: 49.58 ug/ml



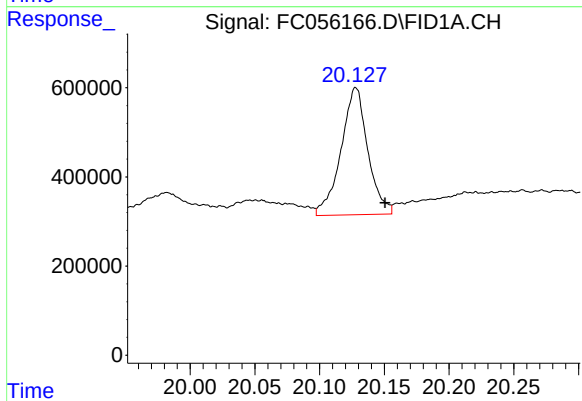
#18 n-Dotriacontane (C32)

R.T.: 18.609 min
Delta R.T.: -0.022 min
Response: 4814189
Conc: 54.15 ug/ml



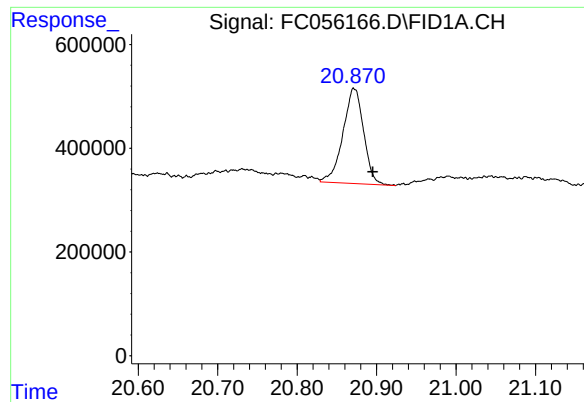
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min
Delta R.T.: 0.018 min
Response: 388854
Conc: 4.50 ug/ml



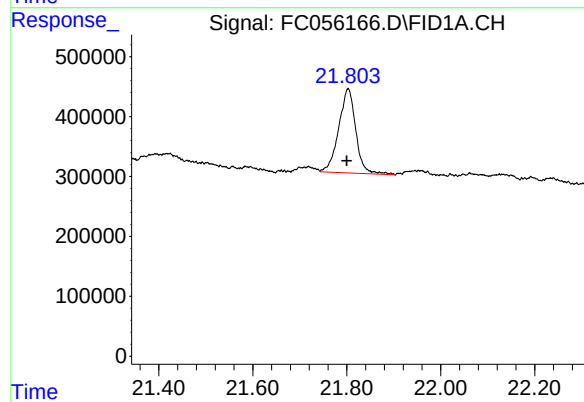
#20 n-Hexatriacontane (C36)

R.T.: 20.128 min
Delta R.T.: -0.023 min
Response: 4114101
Conc: 50.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.872 min
Delta R.T.: -0.023 min
Response: 3321022
Conc: 41.68 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.803 min
Delta R.T.: 0.003 min
Response: 3547365
Conc: 44.25 ug/ml