

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122021AL\
 Data File : FC057629.D
 Signal(s) : FID1A.CH
 Acq On : 20 Dec 2021 20:11
 Operator : AJ\MA
 Sample : M5142-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 21 01:15:23 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 14 20:43:13 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			
12) S 1-chlorooctadecane (S...	12.238	1790173	16.166 ug/ml
Spiked Amount 50.000		Recovery =	32.33%
Target Compounds			
1) T n-Nonane (C9)	2.670	2965221	24.000 ug/mlm
2) T n-Decane (C10)	3.674	3869303	31.065 ug/ml
4) T n-Dodecane (C12)	5.661	4763707	38.574 ug/ml
6) T n-Tetradecane (C14)	7.451	5489777	44.334 ug/ml
7) T n-Hexadecane (C16)	9.050	5826827	46.471 ug/ml
8) T n-Octadecane (C18)	10.491	5795470	44.774 ug/ml
10) T n-Eicosane (C20)	11.798	5570434	42.879 ug/ml
11) T n-Heneicosane (C21)	12.411	5486921	41.807 ug/ml
13) T n-Docosane (C22)	12.996	5416956	41.213 ug/ml
14) T n-Tetracosane (C24)	14.099	5244620	39.433 ug/ml
15) T n-Hexacosane (C26)	15.119	5044362	38.469 ug/ml
16) T n-Octacosane (C28)	16.070	5027195	38.228 ug/mlm
17) T n-Tricontane (C30)	16.957	5182651	37.921 ug/mlm
18) T n-Dotriacontane (C32)	17.790	4687840	34.963 ug/mlm
19) T n-Tetratriacontane (C34)	18.575	4635520	35.550 ug/mlm
20) T n-Hexatriacontane (C36)	19.315	3838084	32.323 ug/mlm
21) T n-Octatriacontane (C38)	20.038	3584088	32.633 ug/mlm
22) T n-Tetracontane (C40)	20.911	3741713	37.476 ug/mlm

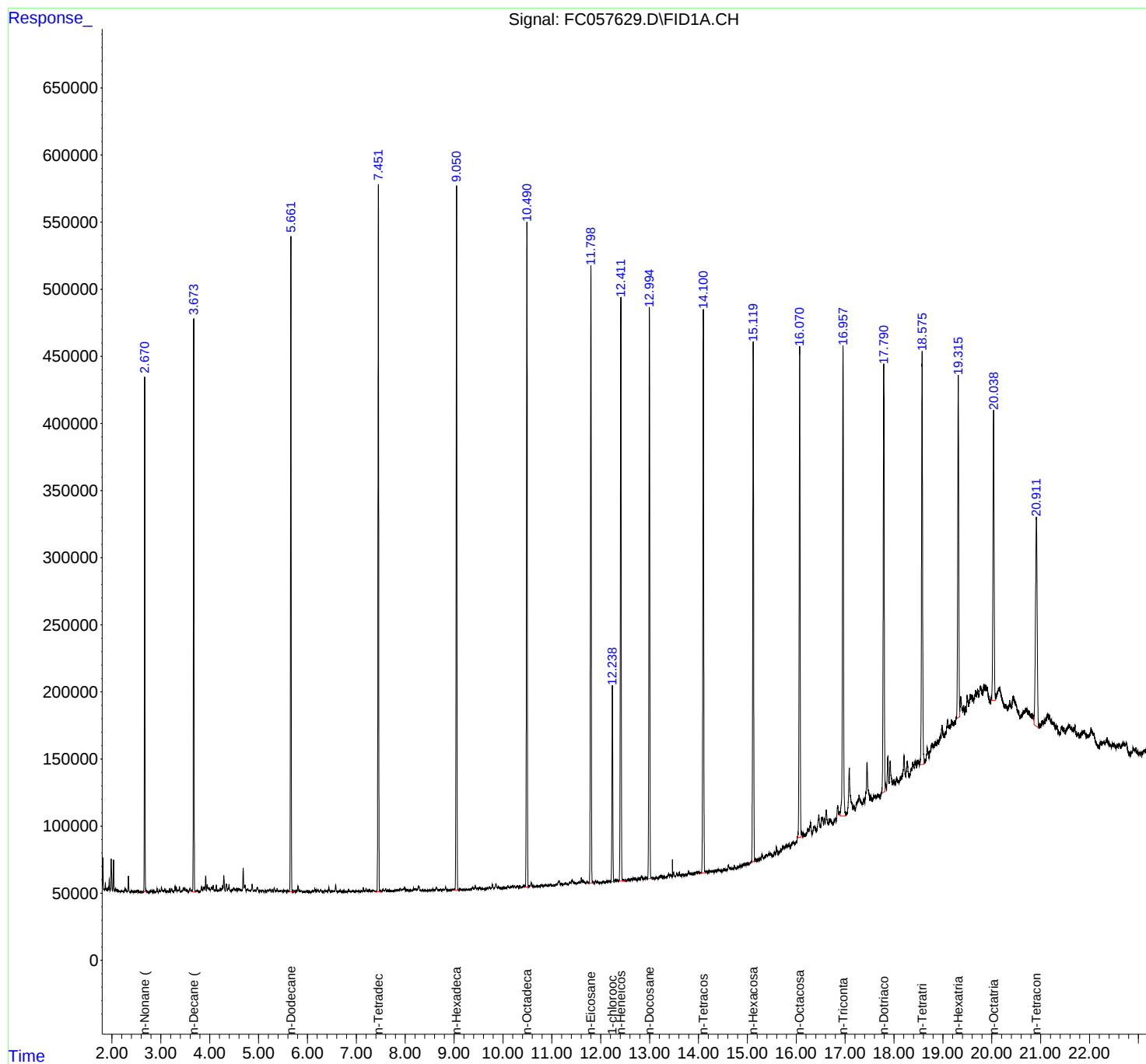
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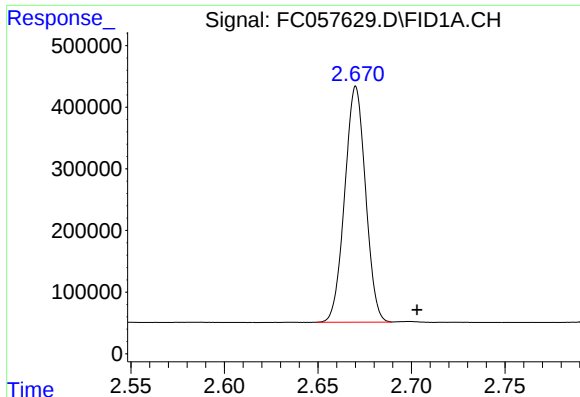
(m)=manual int.

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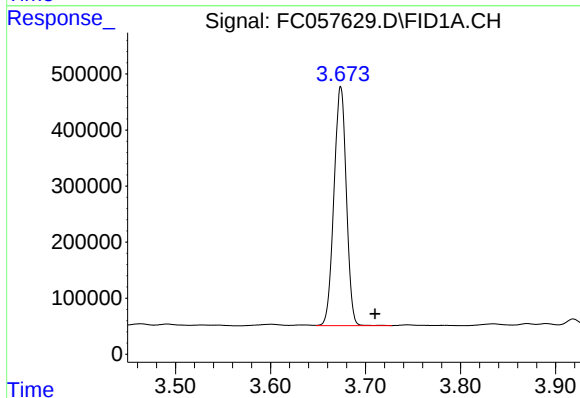
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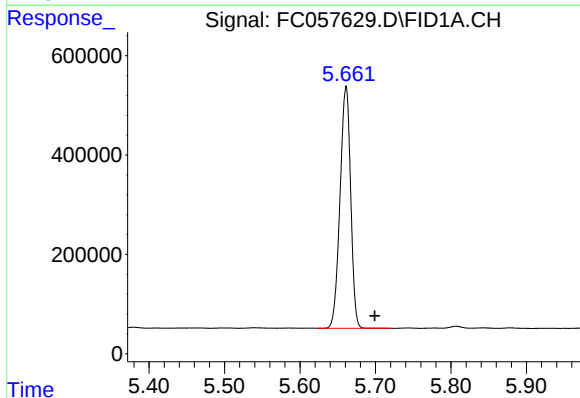
#1 n-Nonane (C9)

R.T.: 2.670 min
Delta R.T.: -0.033 min
Response: 2965221
Conc: 24.00 ug/ml m



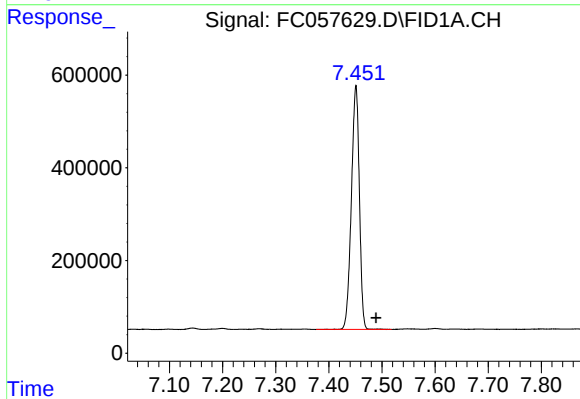
#2 n-Decane (C10)

R.T.: 3.674 min
Delta R.T.: -0.036 min
Response: 3869303
Conc: 31.06 ug/ml



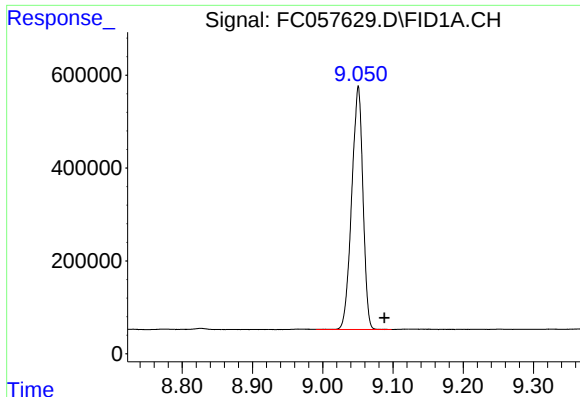
#4 n-Dodecane (C12)

R.T.: 5.661 min
Delta R.T.: -0.038 min
Response: 4763707
Conc: 38.57 ug/ml



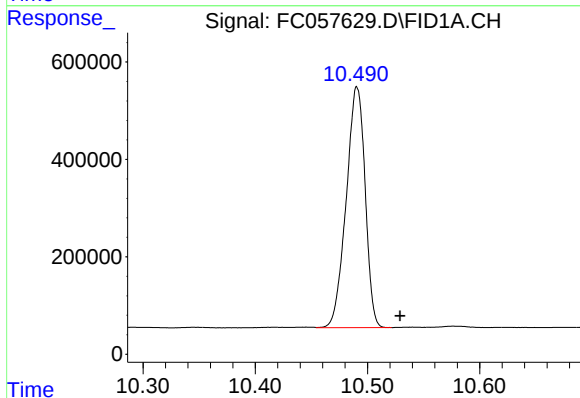
#6 n-Tetradecane (C14)

R.T.: 7.451 min
Delta R.T.: -0.038 min
Response: 5489777
Conc: 44.33 ug/ml



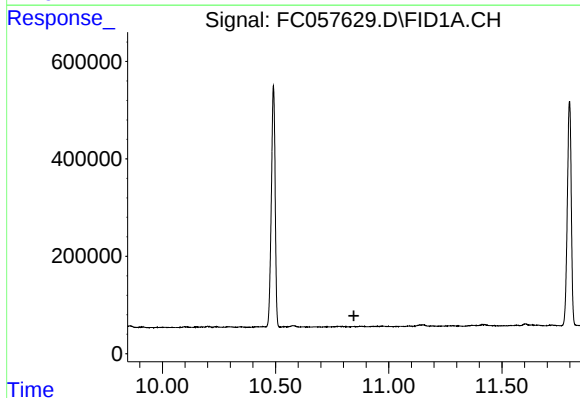
#7 n-Hexadecane (C16)

R.T.: 9.050 min
Delta R.T.: -0.038 min
Response: 5826827
Conc: 46.47 ug/ml



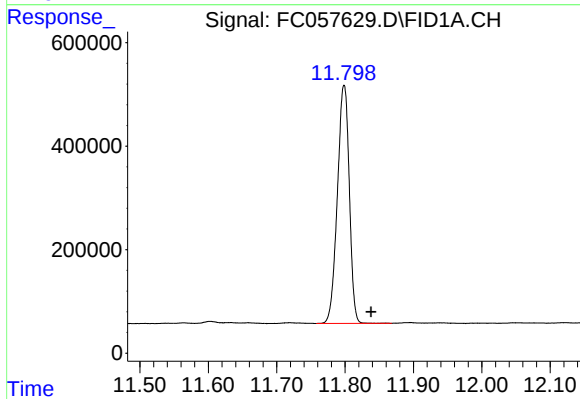
#8 n-Octadecane (C18)

R.T.: 10.491 min
Delta R.T.: -0.038 min
Response: 5795470
Conc: 44.77 ug/ml



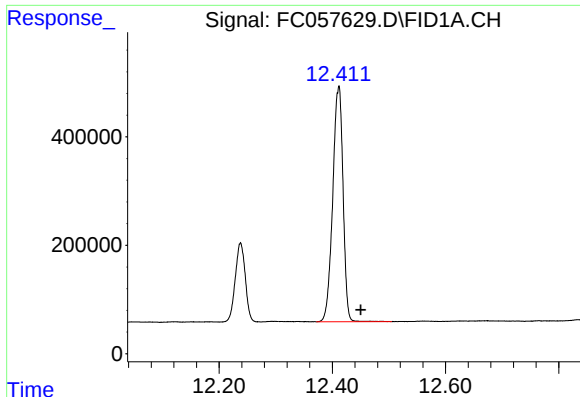
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.846 min
Response: 0
Conc: N.D.



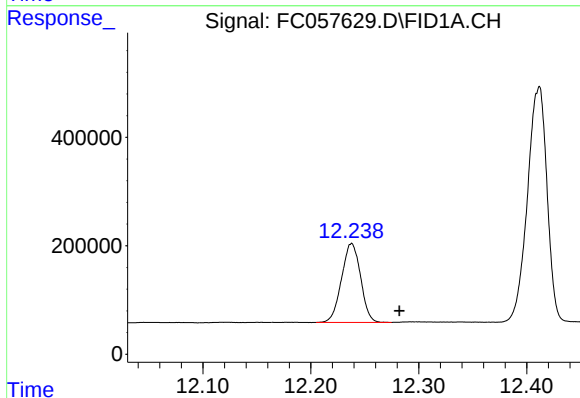
#10 n-Eicosane (C20)

R.T.: 11.798 min
Delta R.T.: -0.040 min
Response: 5570434
Conc: 42.88 ug/ml



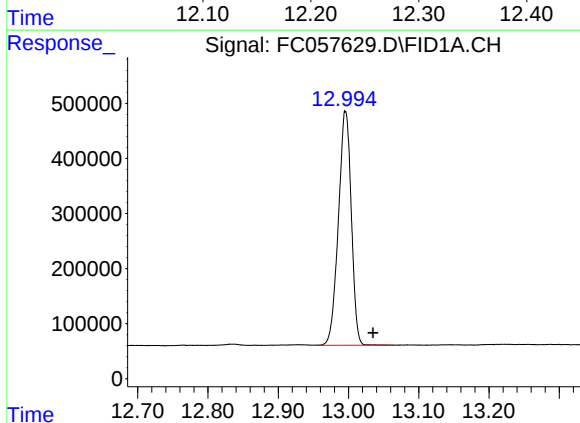
#11 n-Heneicosane (C21)

R.T.: 12.411 min
Delta R.T.: -0.039 min
Response: 5486921
Conc: 41.81 ug/ml



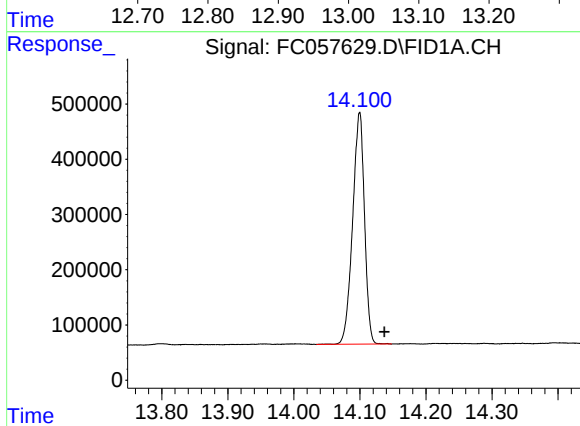
#12 1-chlorooctadecane (SURR)

R.T.: 12.238 min
Delta R.T.: -0.044 min
Response: 1790173
Conc: 16.17 ug/ml



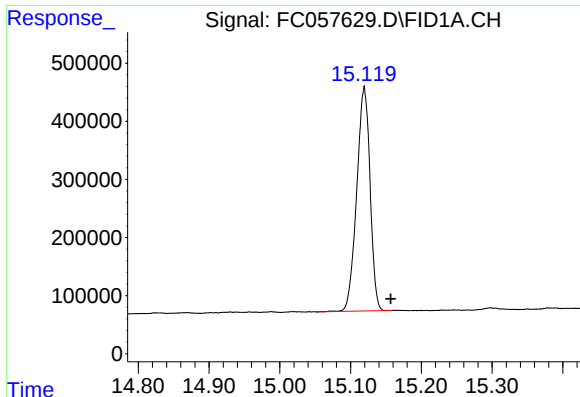
#13 n-Docosane (C22)

R.T.: 12.996 min
Delta R.T.: -0.039 min
Response: 5416956
Conc: 41.21 ug/ml



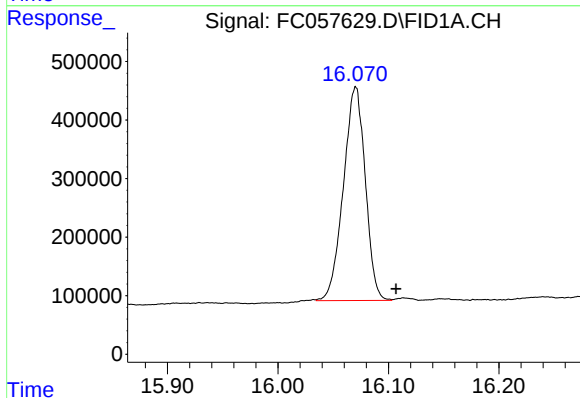
#14 n-Tetracosane (C24)

R.T.: 14.099 min
Delta R.T.: -0.038 min
Response: 5244620
Conc: 39.43 ug/ml



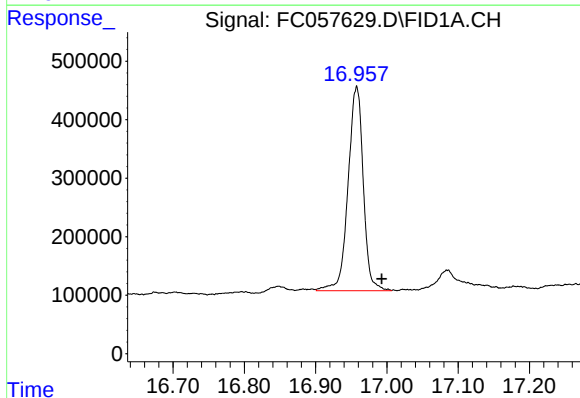
#15 n-Hexacosane (C26)

R.T.: 15.119 min
Delta R.T.: -0.038 min
Response: 5044362
Conc: 38.47 ug/ml



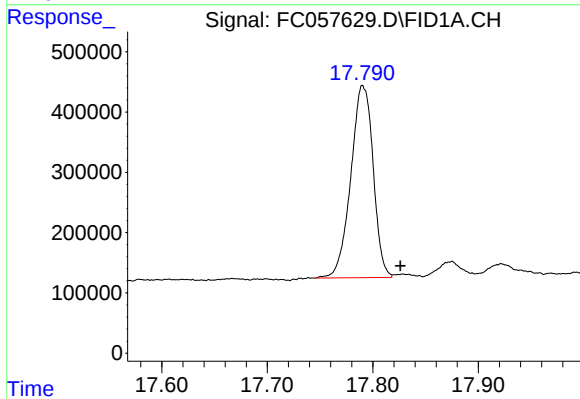
#16 n-Octacosane (C28)

R.T.: 16.070 min
Delta R.T.: -0.037 min
Response: 5027195
Conc: 38.23 ug/ml m



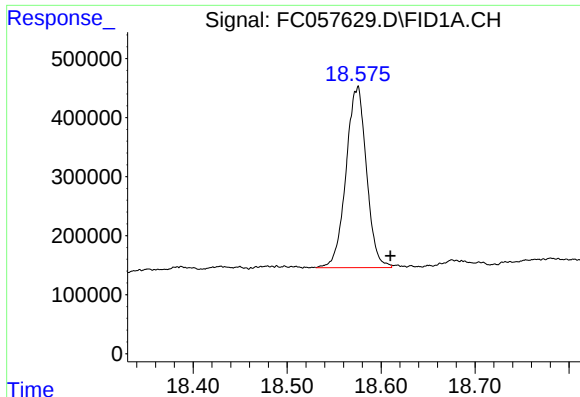
#17 n-Tricontane (C30)

R.T.: 16.957 min
Delta R.T.: -0.036 min
Response: 5182651
Conc: 37.92 ug/ml m



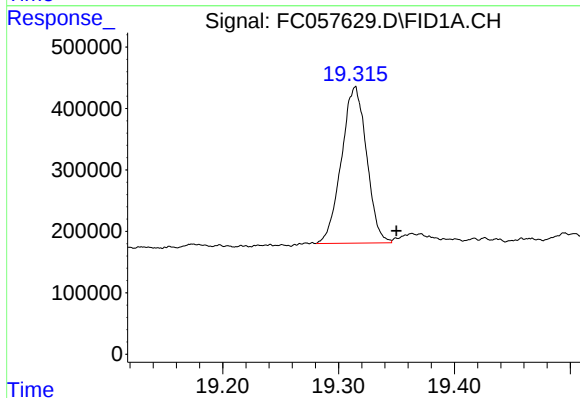
#18 n-Dotriacontane (C32)

R.T.: 17.790 min
Delta R.T.: -0.036 min
Response: 4687840
Conc: 34.96 ug/ml m



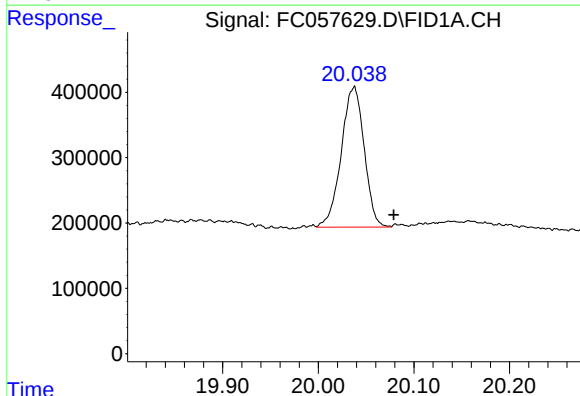
#19 n-Tetratriacontane (C34)

R.T.: 18.575 min
Delta R.T.: -0.035 min
Response: 4635520
Conc: 35.55 ug/ml m



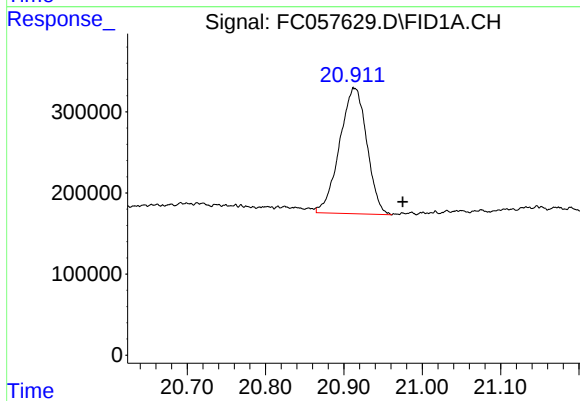
#20 n-Hexatriacontane (C36)

R.T.: 19.315 min
Delta R.T.: -0.035 min
Response: 3838084
Conc: 32.32 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.038 min
Delta R.T.: -0.041 min
Response: 3584088
Conc: 32.63 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.911 min
Delta R.T.: -0.064 min
Response: 3741713
Conc: 37.48 ug/ml m