

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122021AL\
 Data File : FC057628.D
 Signal(s) : FID1A.CH
 Acq On : 20 Dec 2021 19:38
 Operator : AJ\MA
 Sample : M5142-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 21 01:14:58 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	1759927	15.892 ug/ml
Spiked Amount 50.000		Recovery =	31.78%
Target Compounds			
1) T n-Nonane (C9)	2.670	2952193	23.895 ug/mlm
2) T n-Decane (C10)	3.674	3847106	30.887 ug/ml
4) T n-Dodecane (C12)	5.661	4746801	38.437 ug/ml
6) T n-Tetradecane (C14)	7.450	5442032	43.949 ug/ml
7) T n-Hexadecane (C16)	9.049	5759276	45.932 ug/ml
8) T n-Octadecane (C18)	10.490	5719188	44.184 ug/ml
10) T n-Eicosane (C20)	11.798	5490657	42.265 ug/ml
11) T n-Heneicosane (C21)	12.410	5388759	41.059 ug/ml
13) T n-Docosane (C22)	12.997	5335647	40.594 ug/ml
14) T n-Tetracosane (C24)	14.098	5180086	38.947 ug/ml
15) T n-Hexacosane (C26)	15.117	4993455	38.081 ug/mlm
16) T n-Octacosane (C28)	16.068	5048142	38.388 ug/mlm
17) T n-Tricontane (C30)	16.955	5113563	37.416 ug/mlm
18) T n-Dotriacontane (C32)	17.789	4612321	34.400 ug/mlm
19) T n-Tetratriacontane (C34)	18.573	4590562	35.205 ug/mlm
20) T n-Hexatriacontane (C36)	19.312	4003766	33.719 ug/mlm
21) T n-Octatriacontane (C38)	20.033	3625835	33.013 ug/mlm
22) T n-Tetracontane (C40)	20.911	3696885	37.027 ug/mlm

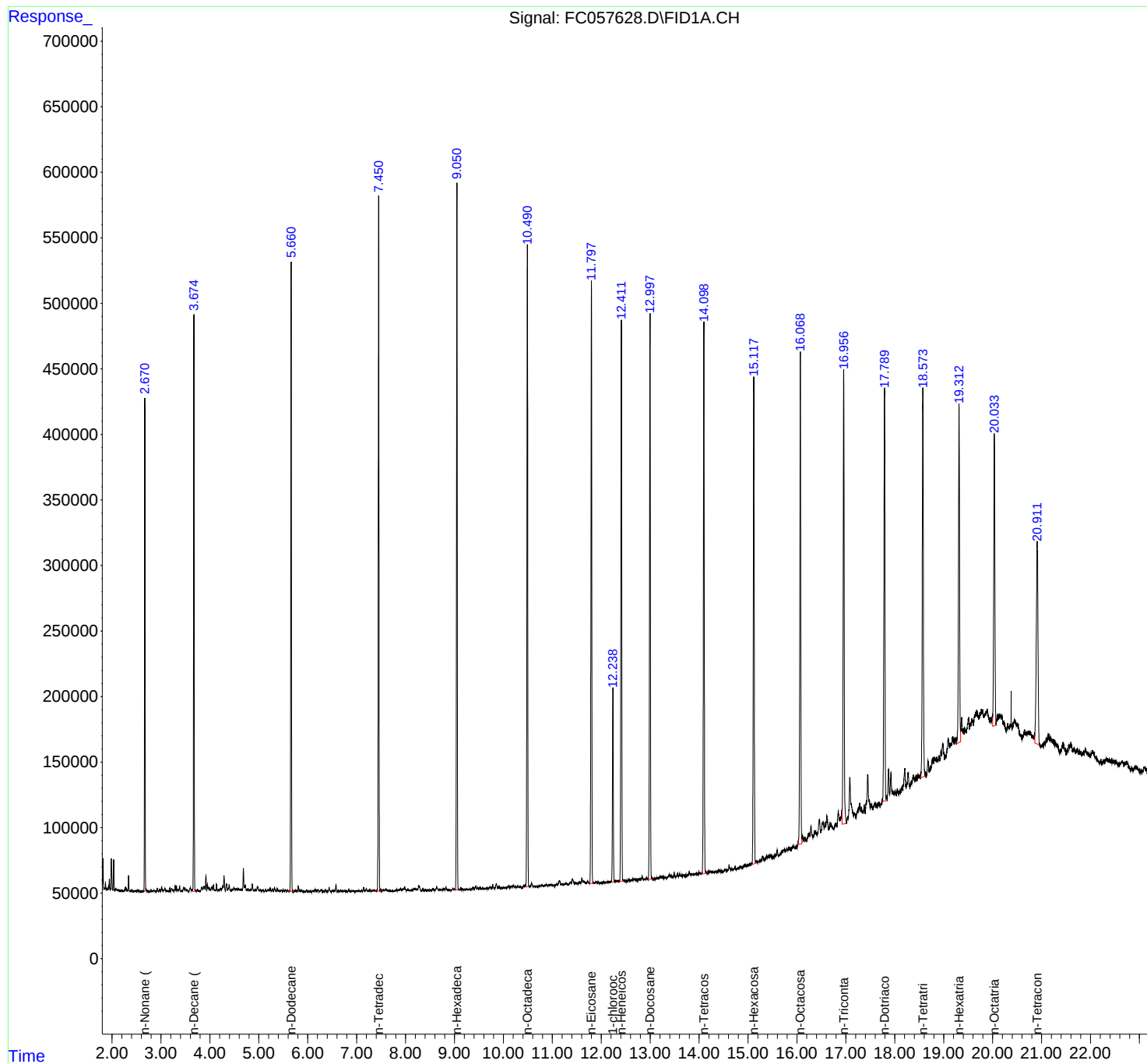
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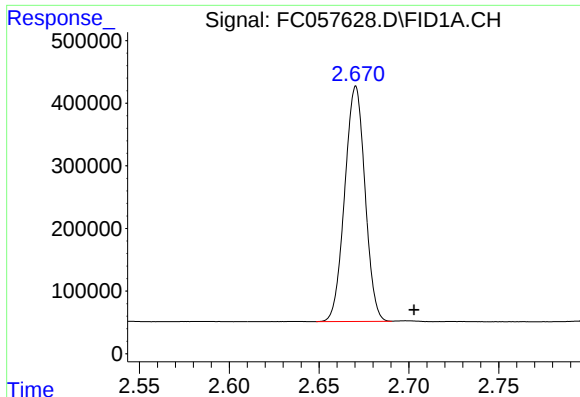
(m)=manual int.

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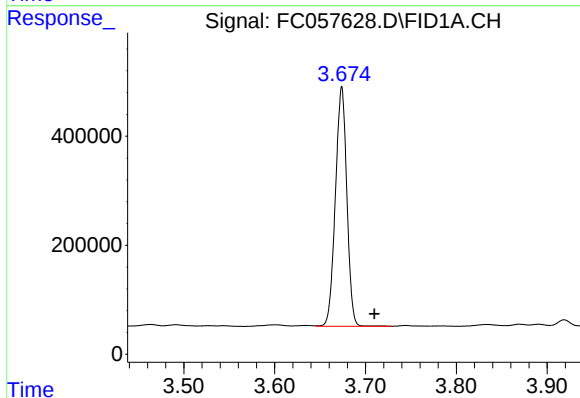
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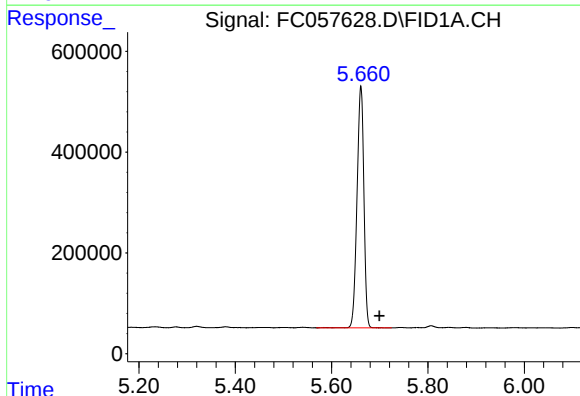
#1 n-Nonane (C9)

R.T.: 2.670 min
Delta R.T.: -0.033 min
Response: 2952193
Conc: 23.89 ug/ml m



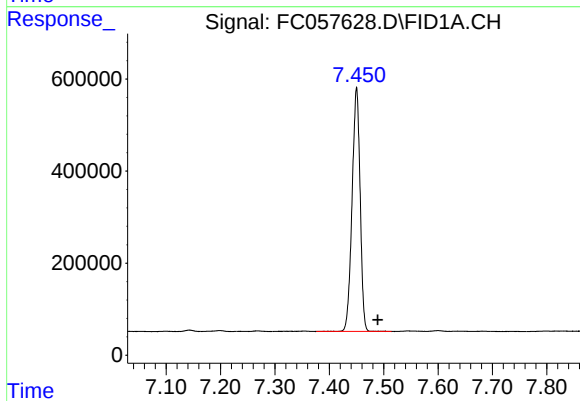
#2 n-Decane (C10)

R.T.: 3.674 min
Delta R.T.: -0.036 min
Response: 3847106
Conc: 30.89 ug/ml



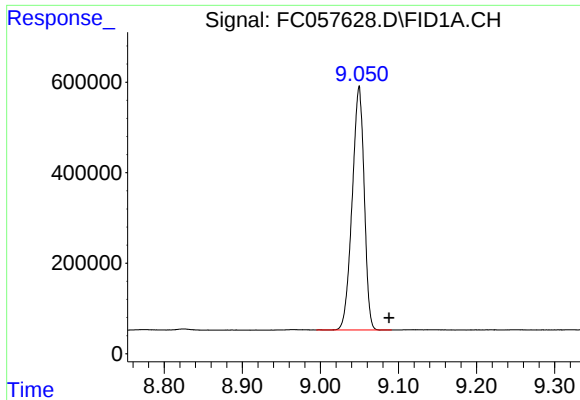
#4 n-Dodecane (C12)

R.T.: 5.661 min
Delta R.T.: -0.038 min
Response: 4746801
Conc: 38.44 ug/ml



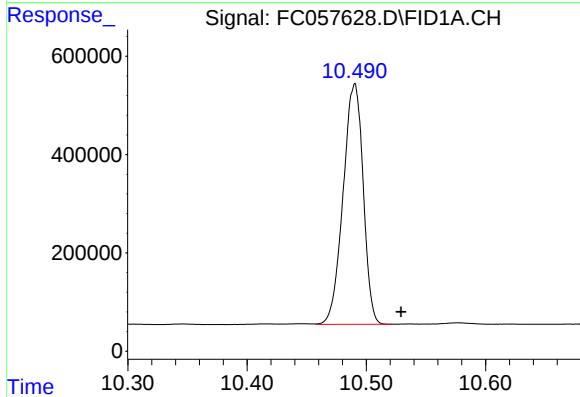
#6 n-Tetradecane (C14)

R.T.: 7.450 min
Delta R.T.: -0.039 min
Response: 5442032
Conc: 43.95 ug/ml



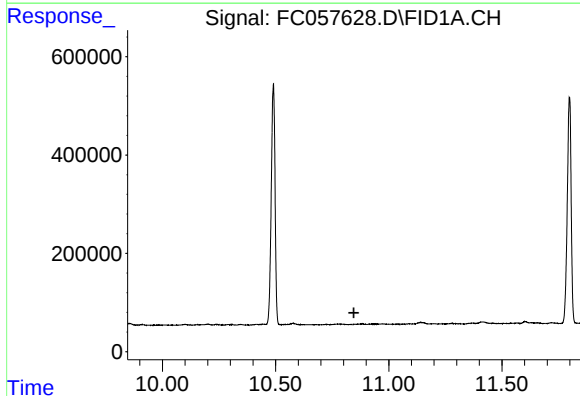
#7 n-Hexadecane (C16)

R.T.: 9.049 min
Delta R.T.: -0.039 min
Response: 5759276
Conc: 45.93 ug/ml



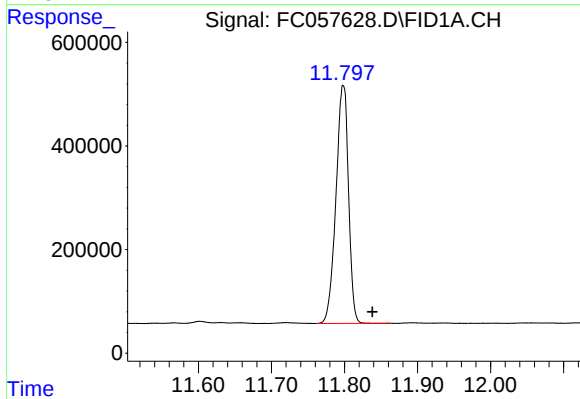
#8 n-Octadecane (C18)

R.T.: 10.490 min
Delta R.T.: -0.039 min
Response: 5719188
Conc: 44.18 ug/ml



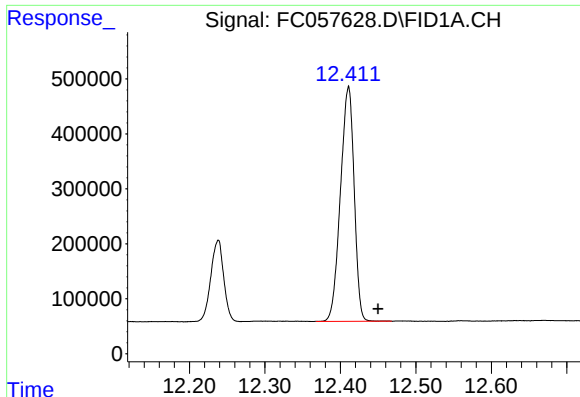
#9 ortho-Terphenyl (SURR)

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



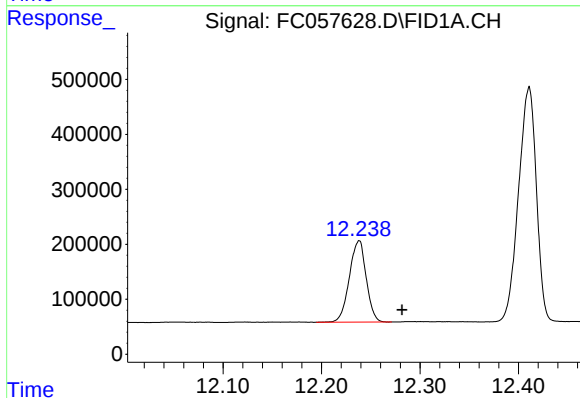
#10 n-Eicosane (C20)

R.T.: 11.798 min
Delta R.T.: -0.040 min
Response: 5490657
Conc: 42.26 ug/ml



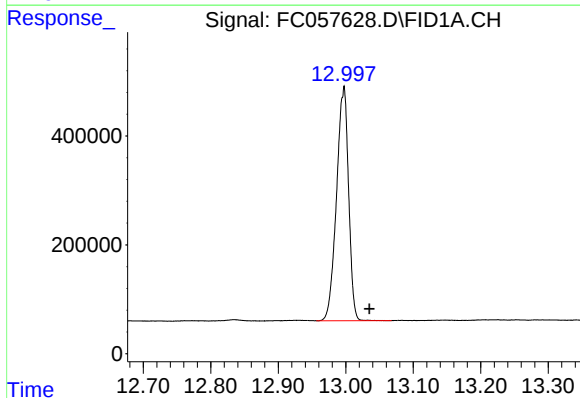
#11 n-Heneicosane (C21)

R.T.: 12.410 min
Delta R.T.: -0.040 min
Response: 5388759
Conc: 41.06 ug/ml



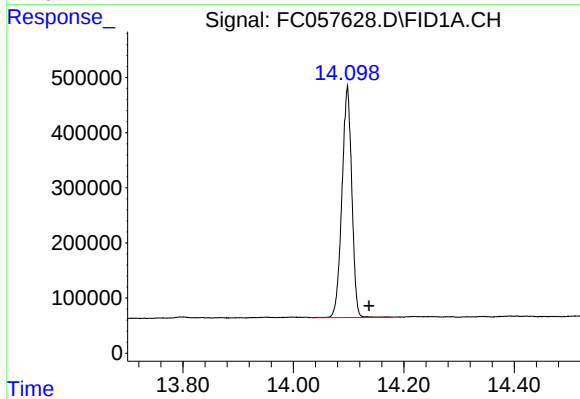
#12 1-chlorooctadecane (SURR)

R.T.: 12.238 min
Delta R.T.: -0.044 min
Response: 1759927
Conc: 15.89 ug/ml



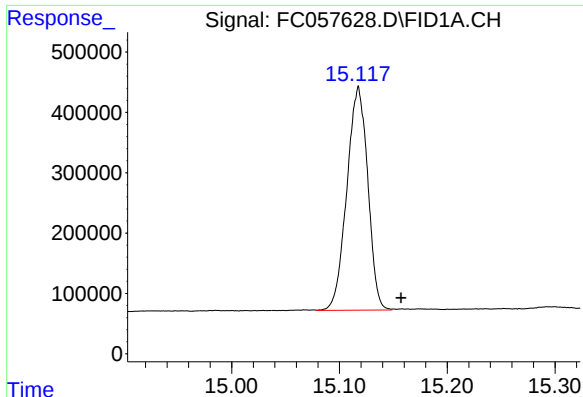
#13 n-Docosane (C22)

R.T.: 12.997 min
Delta R.T.: -0.038 min
Response: 5335647
Conc: 40.59 ug/ml



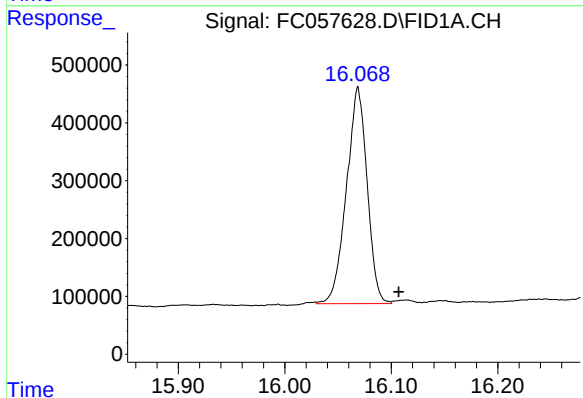
#14 n-Tetracosane (C24)

R.T.: 14.098 min
Delta R.T.: -0.039 min
Response: 5180086
Conc: 38.95 ug/ml



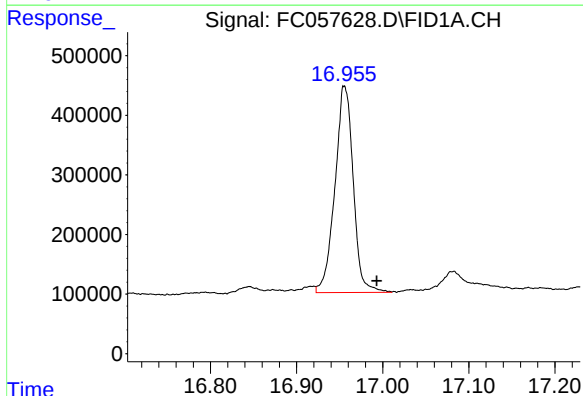
#15 n-Hexacosane (C26)

R.T.: 15.117 min
Delta R.T.: -0.040 min
Response: 4993455
Conc: 38.08 ug/ml m



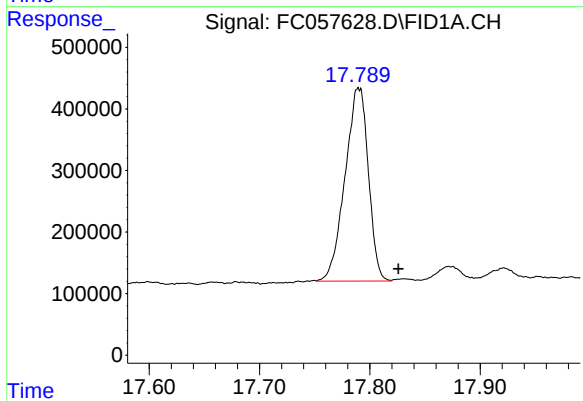
#16 n-Octacosane (C28)

R.T.: 16.068 min
Delta R.T.: -0.039 min
Response: 5048142
Conc: 38.39 ug/ml m



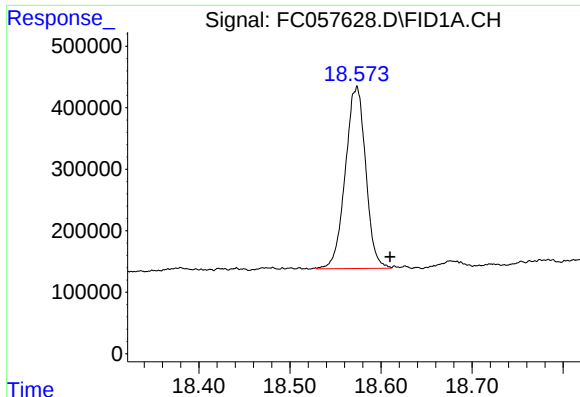
#17 n-Tricontane (C30)

R.T.: 16.955 min
Delta R.T.: -0.038 min
Response: 5113563
Conc: 37.42 ug/ml m



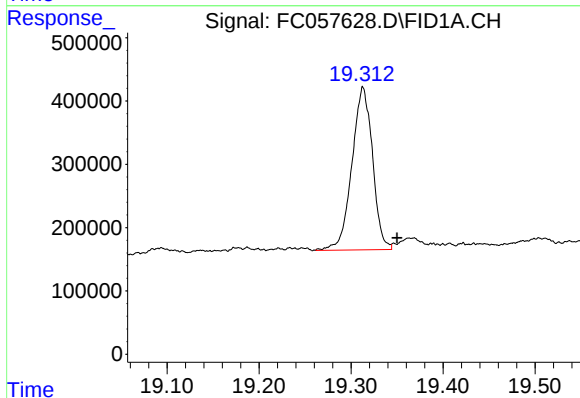
#18 n-Dotriacontane (C32)

R.T.: 17.789 min
Delta R.T.: -0.037 min
Response: 4612321
Conc: 34.40 ug/ml m



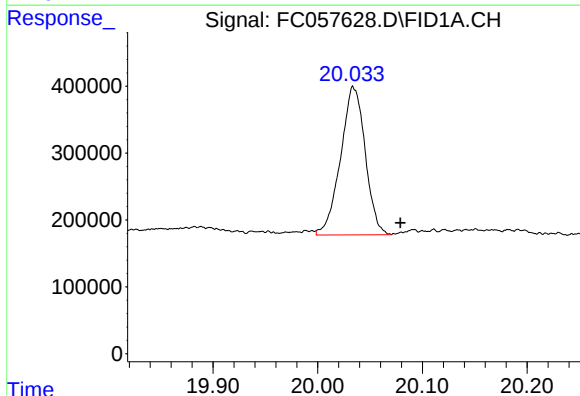
#19 n-Tetratriacontane (C34)

R.T.: 18.573 min
Delta R.T.: -0.037 min
Response: 4590562
Conc: 35.20 ug/ml m



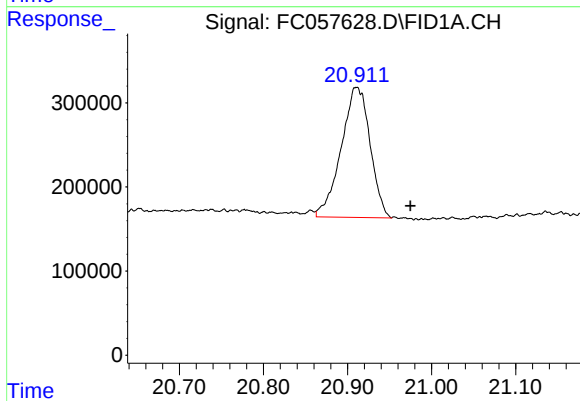
#20 n-Hexatriacontane (C36)

R.T.: 19.312 min
Delta R.T.: -0.038 min
Response: 4003766
Conc: 33.72 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.033 min
Delta R.T.: -0.046 min
Response: 3625835
Conc: 33.01 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.911 min
Delta R.T.: -0.064 min
Response: 3696885
Conc: 37.03 ug/ml m