

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012022AL\
 Data File : FC058016.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jan 2022 12:24
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 21 01:06:36 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 010522.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 12:13:43 2022
 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)	10.714	4028610	20.834 ug/ml
Spiked Amount 50.000		Recovery =	41.67%
12) S 1-chlorooctadecane (S...	12.152	3049167	20.688 ug/ml
Spiked Amount 50.000		Recovery =	41.38%
Target Compounds			
1) T n-Nonane (C9)	2.636	3825466	23.922 ug/ml
2) T n-Decane (C10)	3.627	3895497	24.236 ug/ml
3) T A~Naphthalene (C11.7)	5.168	4321728	23.801 ug/ml
4) T n-Dodecane (C12)	5.600	3905141	24.214 ug/ml
5) T A~2-methylnaphthalene...	6.210	4296844	23.497 ug/ml
6) T n-Tetradecane (C14)	7.382	3941783	23.876 ug/ml
7) T n-Hexadecane (C16)	8.974	3875182	23.199 ug/ml
8) T n-Octadecane (C18)	10.409	3826723	22.237 ug/ml
10) T n-Eicosane (C20)	11.712	3635181	21.234 ug/ml
11) T n-Heneicosane (C21)	12.321	3584986	20.732 ug/ml
13) T n-Docosane (C22)	12.905	3497734	20.217 ug/ml
14) T n-Tetracosane (C24)	14.004	3386833	19.565 ug/ml
15) T n-Hexacosane (C26)	15.020	3246896	19.294 ug/ml
16) T n-Octacosane (C28)	15.966	3237504	19.784 ug/ml
17) T n-Tricontane (C30)	16.852	3231646	20.699 ug/ml
18) T n-Dotriacontane (C32)	17.683	3094530	22.195 ug/ml
19) T n-Tetratriacontane (C34)	18.465	2739455	22.041 ug/ml
20) T n-Hexatriacontane (C36)	19.202	2353118	21.165 ug/ml
21) T n-Octatriacontane (C38)	19.907	2034634	19.505 ug/mlm
22) T n-Tetracontane (C40)	20.738	1958566	20.455 ug/ml

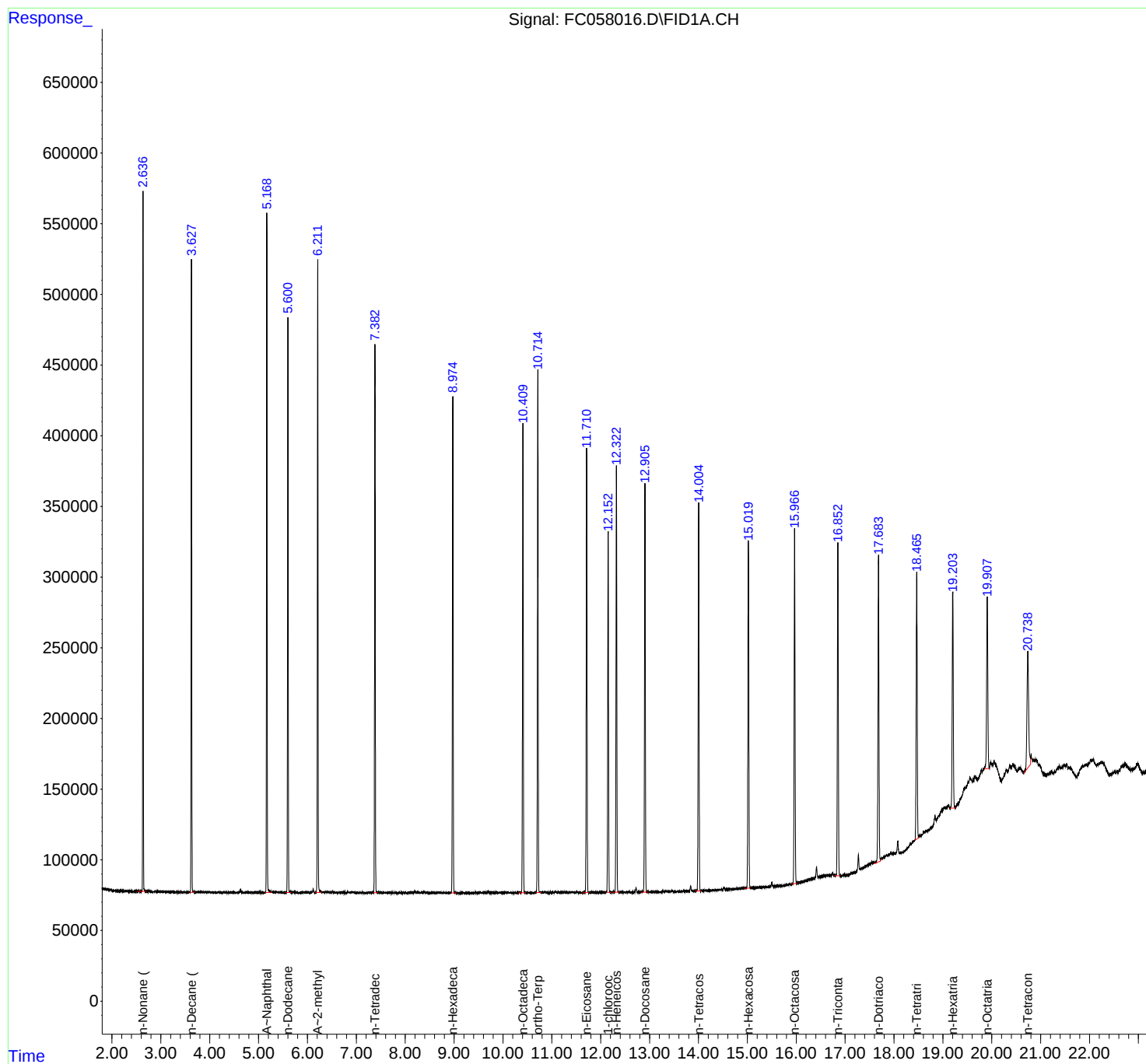
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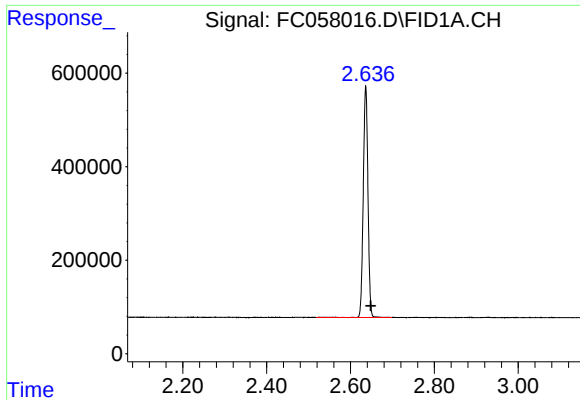
(m)=manual int.

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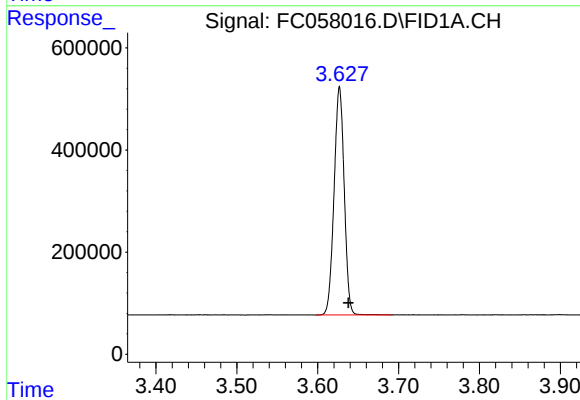
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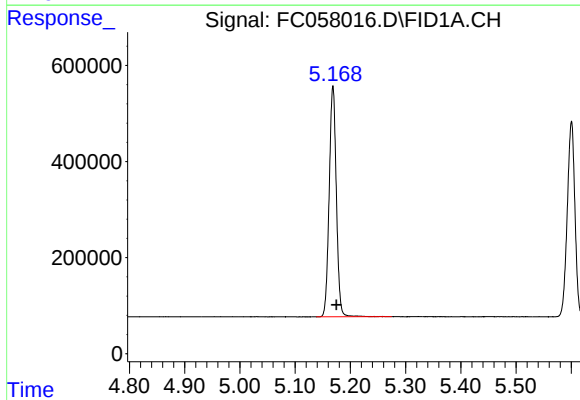
#1 n-Nonane (C9)

R.T.: 2.636 min
Delta R.T.: -0.012 min
Response: 3825466
Conc: 23.92 ug/ml



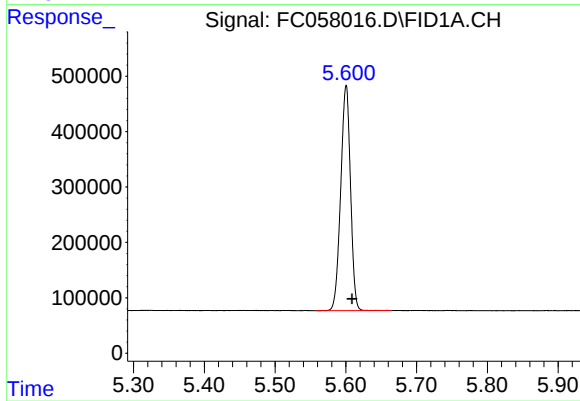
#2 n-Decane (C10)

R.T.: 3.627 min
Delta R.T.: -0.011 min
Response: 3895497
Conc: 24.24 ug/ml



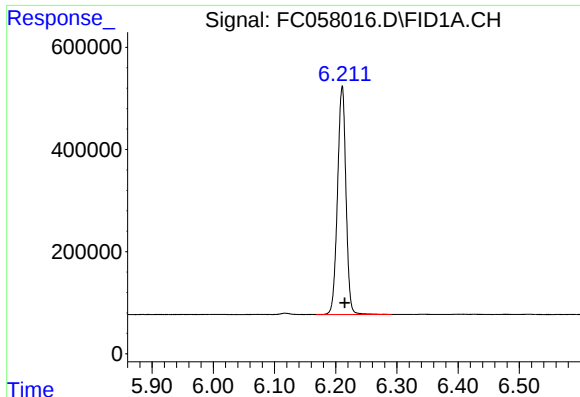
#3 A~Naphthalene (C11.7)

R.T.: 5.168 min
Delta R.T.: -0.006 min
Response: 4321728
Conc: 23.80 ug/ml



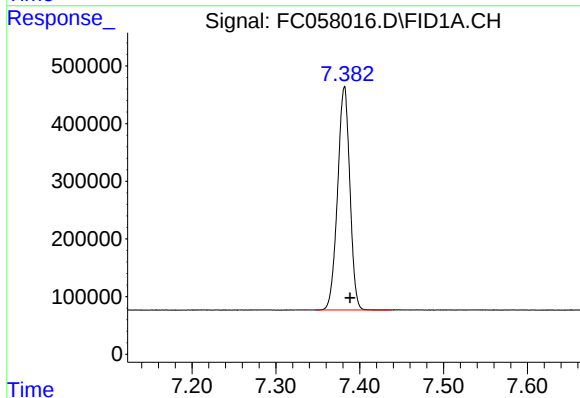
#4 n-Dodecane (C12)

R.T.: 5.600 min
Delta R.T.: -0.008 min
Response: 3905141
Conc: 24.21 ug/ml



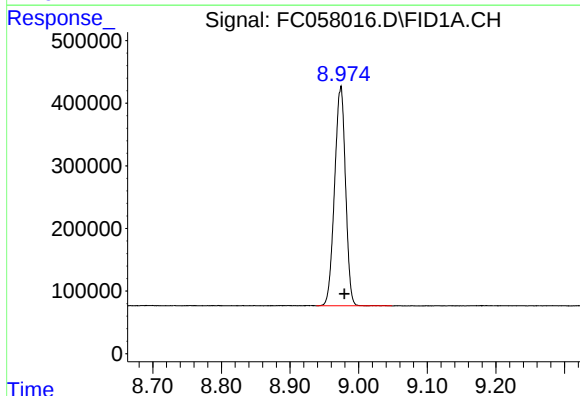
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.210 min
Delta R.T.: -0.004 min
Response: 4296844
Conc: 23.50 ug/ml



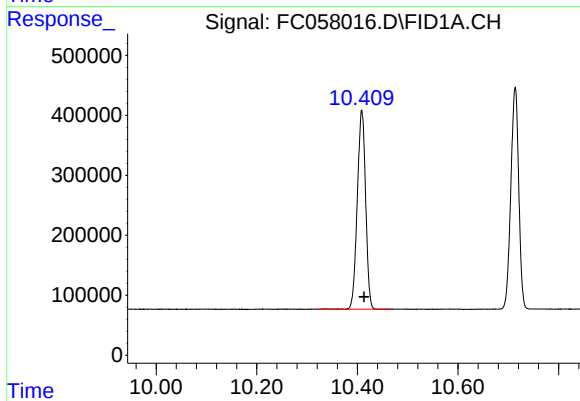
#6 n-Tetradecane (C14)

R.T.: 7.382 min
Delta R.T.: -0.007 min
Response: 3941783
Conc: 23.88 ug/ml



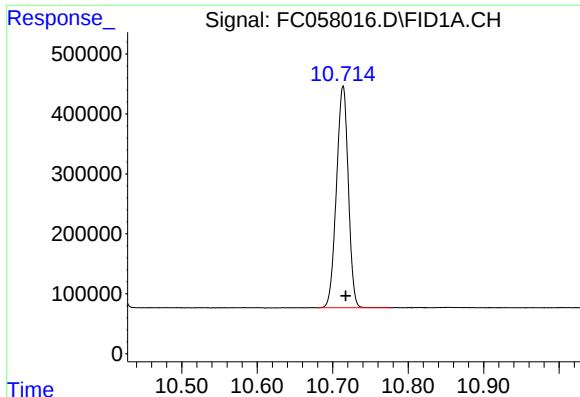
#7 n-Hexadecane (C16)

R.T.: 8.974 min
Delta R.T.: -0.005 min
Response: 3875182
Conc: 23.20 ug/ml



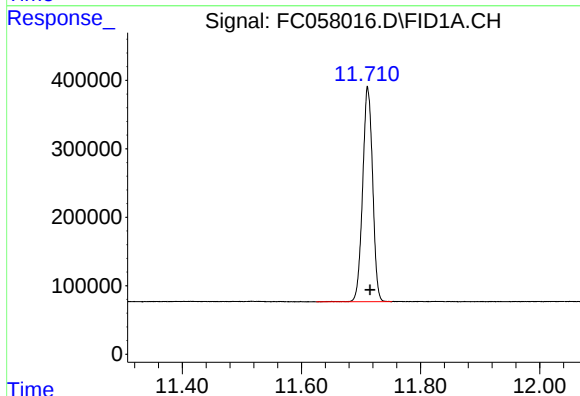
#8 n-Octadecane (C18)

R.T.: 10.409 min
Delta R.T.: -0.004 min
Response: 3826723
Conc: 22.24 ug/ml



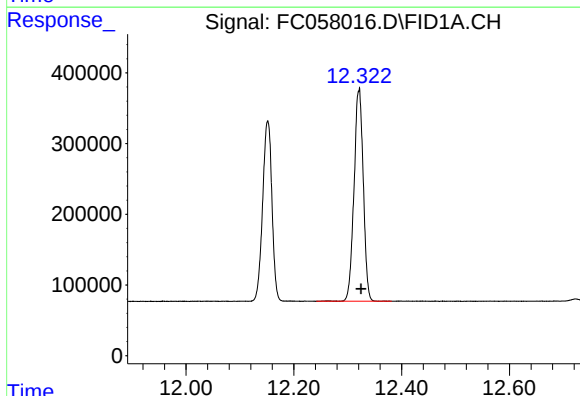
#9 ortho-Terphenyl (SURR)

R.T.: 10.714 min
Delta R.T.: -0.004 min
Response: 4028610
Conc: 20.83 ug/ml



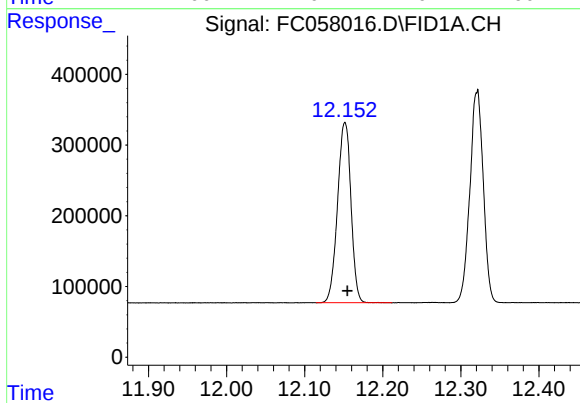
#10 n-Eicosane (C20)

R.T.: 11.712 min
Delta R.T.: -0.004 min
Response: 3635181
Conc: 21.23 ug/ml



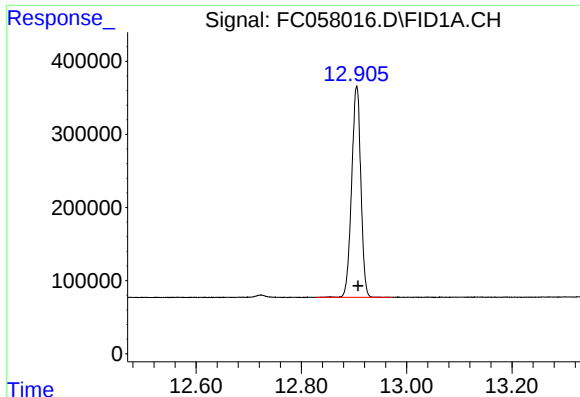
#11 n-Heneicosane (C21)

R.T.: 12.321 min
Delta R.T.: -0.004 min
Response: 3584986
Conc: 20.73 ug/ml



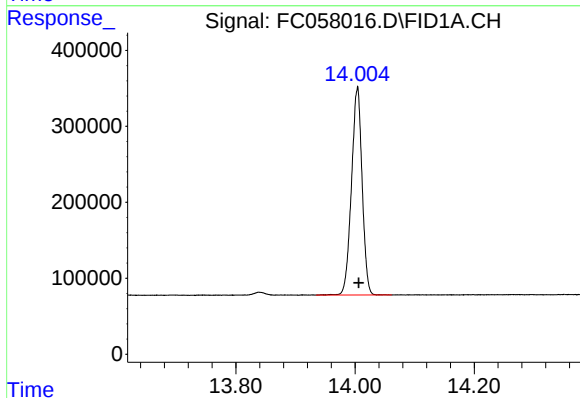
#12 1-chlorooctadecane (SURR)

R.T.: 12.152 min
Delta R.T.: -0.003 min
Response: 3049167
Conc: 20.69 ug/ml



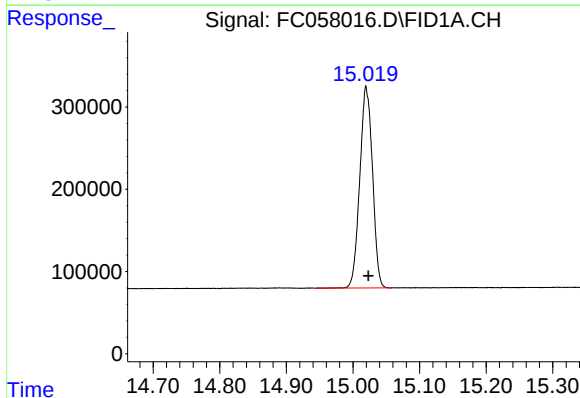
#13 n-Docosane (C22)

R.T.: 12.905 min
Delta R.T.: -0.003 min
Response: 3497734
Conc: 20.22 ug/ml



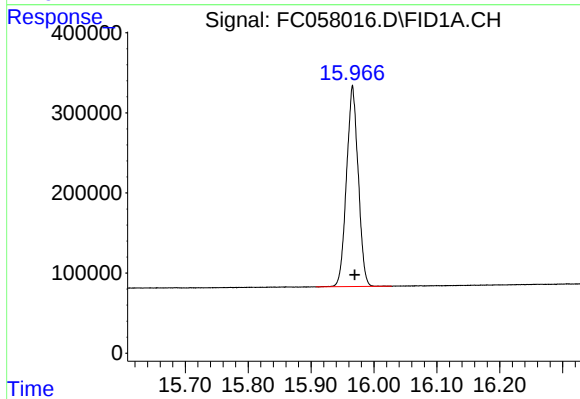
#14 n-Tetracosane (C24)

R.T.: 14.004 min
Delta R.T.: -0.003 min
Response: 3386833
Conc: 19.56 ug/ml



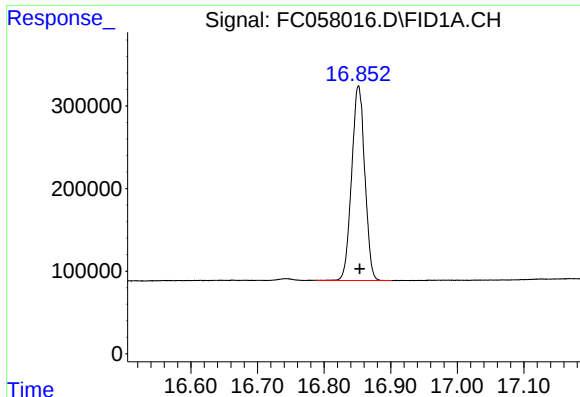
#15 n-Hexacosane (C26)

R.T.: 15.020 min
Delta R.T.: -0.003 min
Response: 3246896
Conc: 19.29 ug/ml



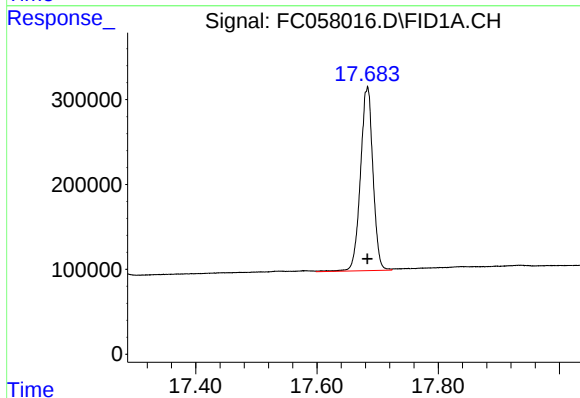
#16 n-Octacosane (C28)

R.T.: 15.966 min
Delta R.T.: -0.004 min
Response: 3237504
Conc: 19.78 ug/ml



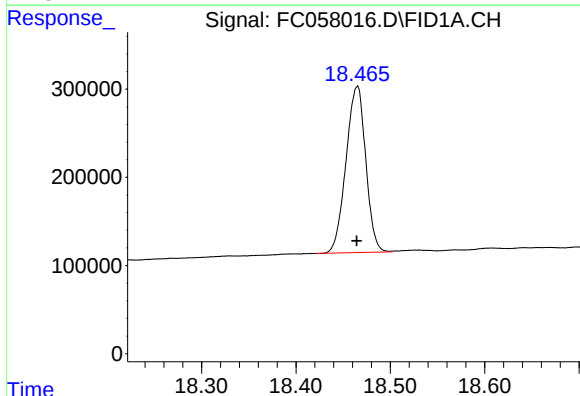
#17 n-Tricontane (C30)

R.T.: 16.852 min
Delta R.T.: -0.002 min
Response: 3231646
Conc: 20.70 ug/ml



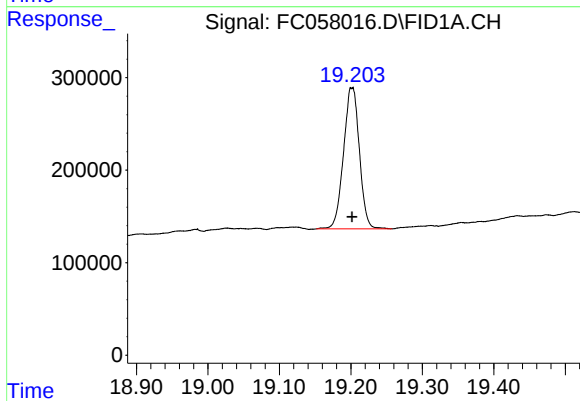
#18 n-Dotriacontane (C32)

R.T.: 17.683 min
Delta R.T.: 0.000 min
Response: 3094530
Conc: 22.19 ug/ml



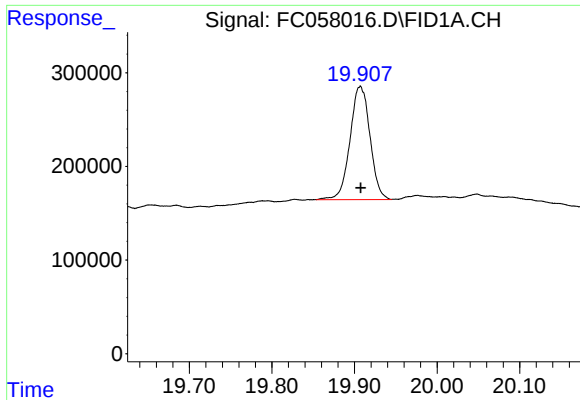
#19 n-Tetratriacontane (C34)

R.T.: 18.465 min
Delta R.T.: 0.000 min
Response: 2739455
Conc: 22.04 ug/ml



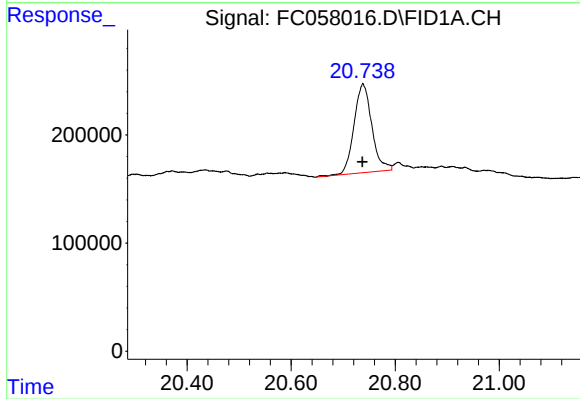
#20 n-Hexatriacontane (C36)

R.T.: 19.202 min
Delta R.T.: 0.000 min
Response: 2353118
Conc: 21.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.907 min
Delta R.T.: 0.000 min
Response: 2034634
Conc: 19.50 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.738 min
Delta R.T.: 0.001 min
Response: 1958566
Conc: 20.45 ug/ml