

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011922AL\
 Data File : FC058009.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jan 2022 17:48
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 20 01:18:36 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)	10.711	4078070	21.090 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
12) S 1-chlorooctadecane (S...	12.149	3098311	21.022 ug/ml
Spiked Amount 50.000		Recovery =	42.04%
Target Compounds			
1) T n-Nonane (C9)	2.635	3851144	24.083 ug/ml
2) T n-Decane (C10)	3.626	3904666	24.293 ug/ml
3) T A~Naphthalene (C11.7)	5.166	4353735	23.977 ug/ml
4) T n-Dodecane (C12)	5.598	3912598	24.260 ug/ml
5) T A~2-methylnaphthalene...	6.208	4346830	23.770 ug/ml
6) T n-Tetradecane (C14)	7.380	3950388	23.928 ug/ml
7) T n-Hexadecane (C16)	8.972	3885787	23.263 ug/ml
8) T n-Octadecane (C18)	10.406	3846446	22.352 ug/ml
10) T n-Eicosane (C20)	11.710	3662595	21.394 ug/ml
11) T n-Heneicosane (C21)	12.319	3618613	20.926 ug/ml
13) T n-Docosane (C22)	12.903	3536040	20.439 ug/ml
14) T n-Tetracosane (C24)	14.001	3429602	19.812 ug/ml
15) T n-Hexacosane (C26)	15.018	3280993	19.496 ug/mlm
16) T n-Octacosane (C28)	15.966	3252532	19.876 ug/mlm
17) T n-Tricontane (C30)	16.850	3234051	20.715 ug/ml
18) T n-Dotriacontane (C32)	17.679	3046045	21.847 ug/mlm
19) T n-Tetratriacontane (C34)	18.461	2794506	22.484 ug/ml
20) T n-Hexatriacontane (C36)	19.200	2447347	22.013 ug/ml
21) T n-Octatriacontane (C38)	19.905	2159586	20.703 ug/mlm
22) T n-Tetracontane (C40)	20.731	1863289	19.460 ug/mlm

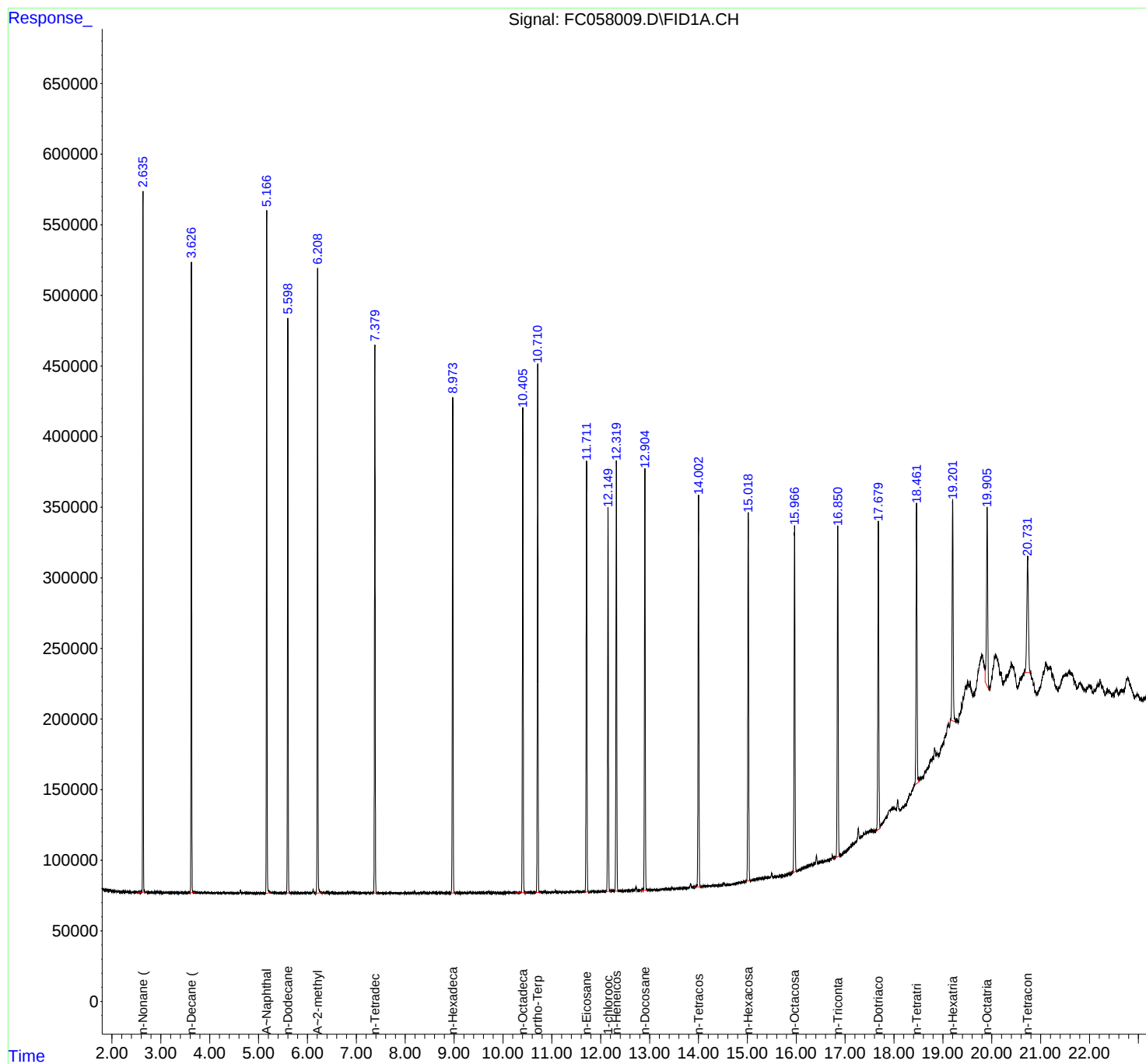
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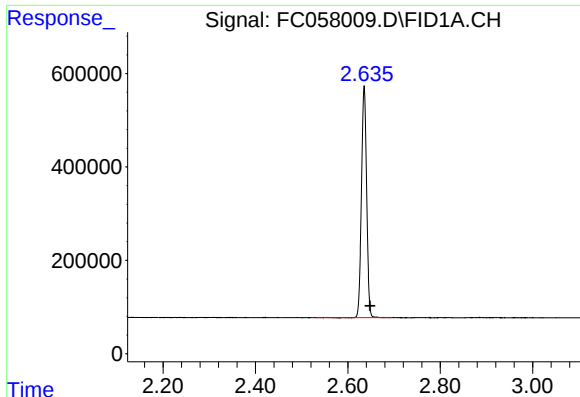
(m)=manual int.

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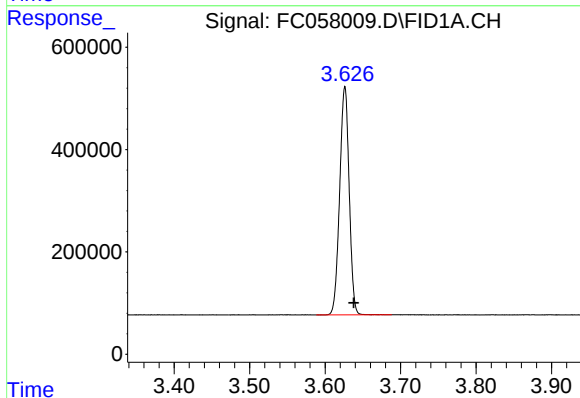
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





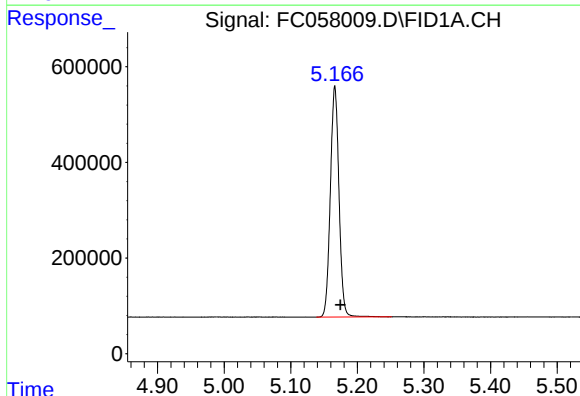
#1 n-Nonane (C9)

R.T.: 2.635 min
Delta R.T.: -0.013 min
Response: 3851144
Conc: 24.08 ug/ml



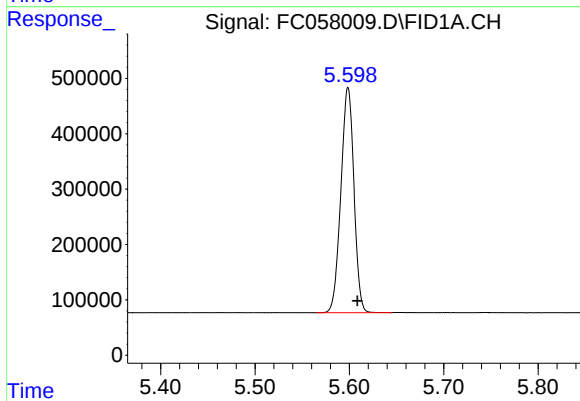
#2 n-Decane (C10)

R.T.: 3.626 min
Delta R.T.: -0.012 min
Response: 3904666
Conc: 24.29 ug/ml



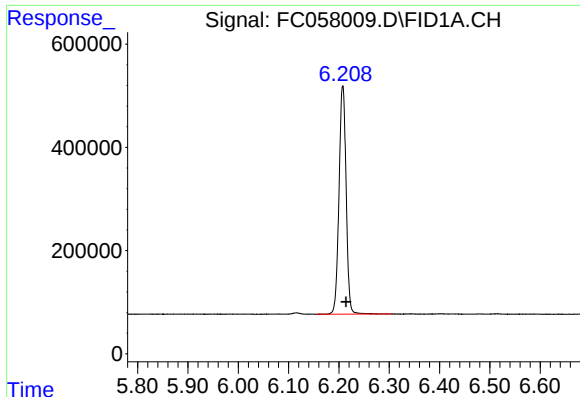
#3 A~Naphthalene (C11.7)

R.T.: 5.166 min
Delta R.T.: -0.008 min
Response: 4353735
Conc: 23.98 ug/ml



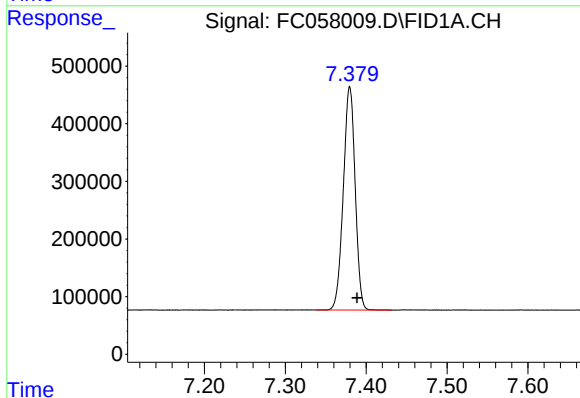
#4 n-Dodecane (C12)

R.T.: 5.598 min
Delta R.T.: -0.010 min
Response: 3912598
Conc: 24.26 ug/ml



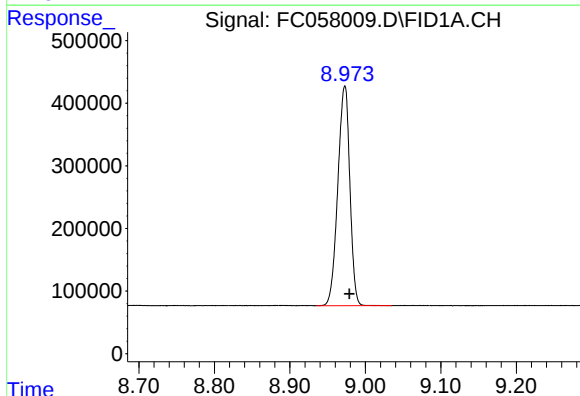
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.208 min
Delta R.T.: -0.007 min
Response: 4346830
Conc: 23.77 ug/ml



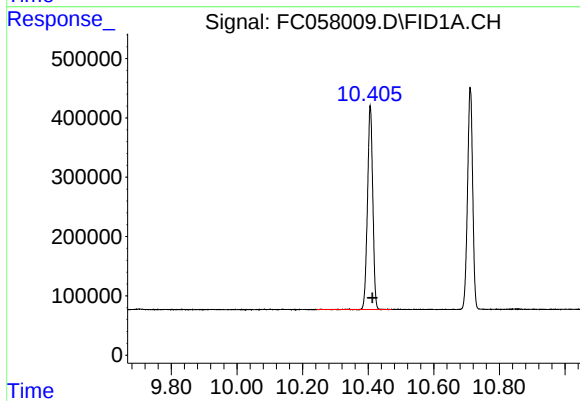
#6 n-Tetradecane (C14)

R.T.: 7.380 min
Delta R.T.: -0.009 min
Response: 3950388
Conc: 23.93 ug/ml



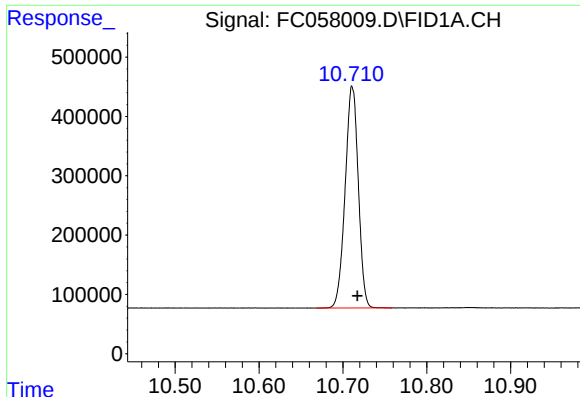
#7 n-Hexadecane (C16)

R.T.: 8.972 min
Delta R.T.: -0.007 min
Response: 3885787
Conc: 23.26 ug/ml



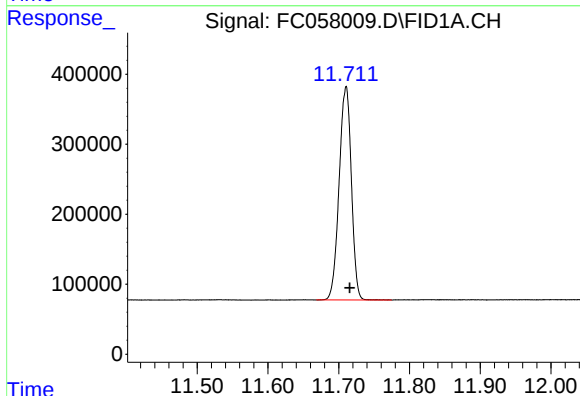
#8 n-Octadecane (C18)

R.T.: 10.406 min
Delta R.T.: -0.007 min
Response: 3846446
Conc: 22.35 ug/ml



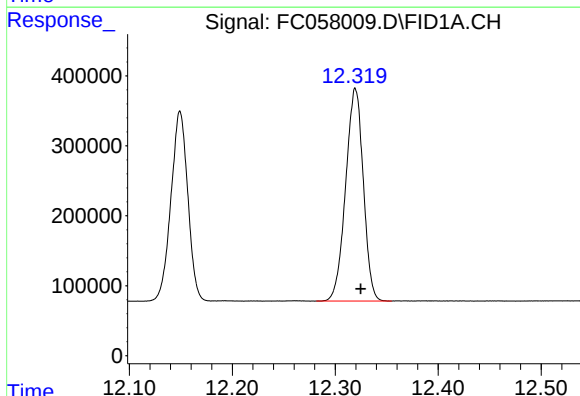
#9 ortho-Terphenyl (SURR)

R.T.: 10.711 min
Delta R.T.: -0.006 min
Response: 4078070
Conc: 21.09 ug/ml



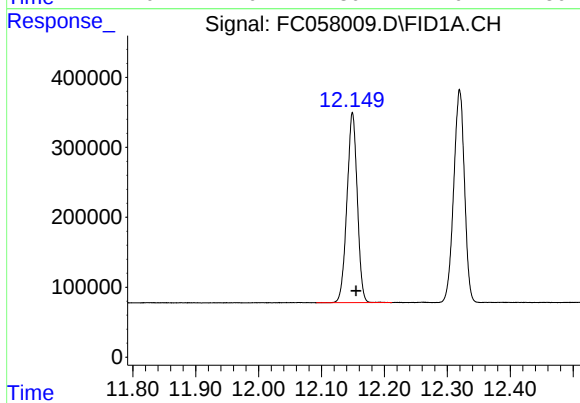
#10 n-Eicosane (C20)

R.T.: 11.710 min
Delta R.T.: -0.005 min
Response: 3662595
Conc: 21.39 ug/ml



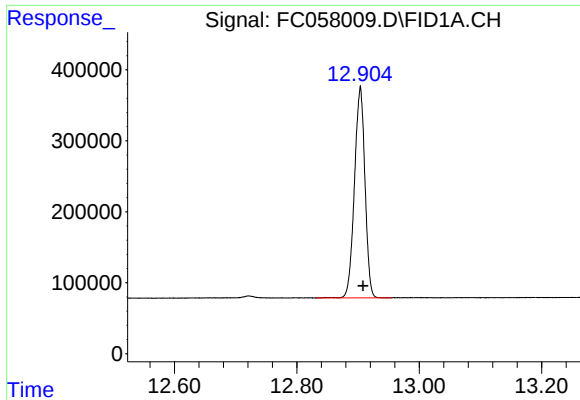
#11 n-Heneicosane (C21)

R.T.: 12.319 min
Delta R.T.: -0.005 min
Response: 3618613
Conc: 20.93 ug/ml



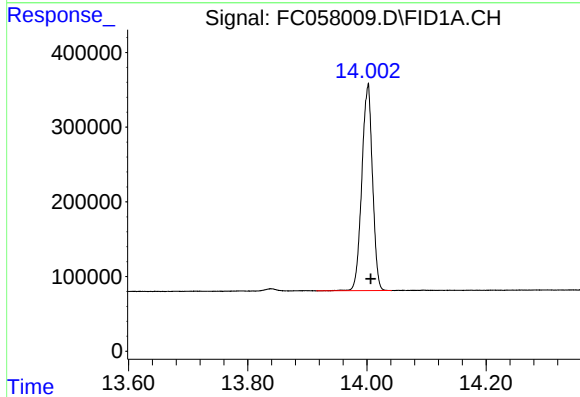
#12 1-chlorooctadecane (SURR)

R.T.: 12.149 min
Delta R.T.: -0.005 min
Response: 3098311
Conc: 21.02 ug/ml



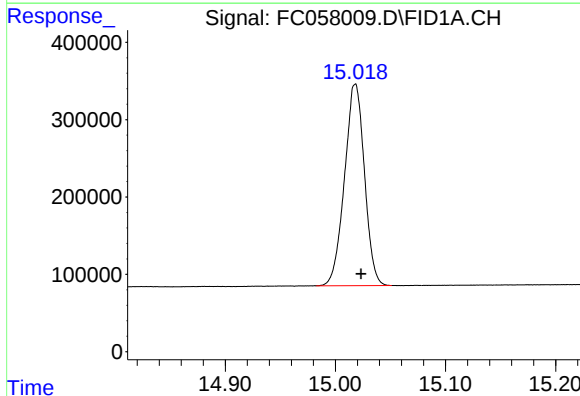
#13 n-Docosane (C22)

R.T.: 12.903 min
Delta R.T.: -0.004 min
Response: 3536040
Conc: 20.44 ug/ml



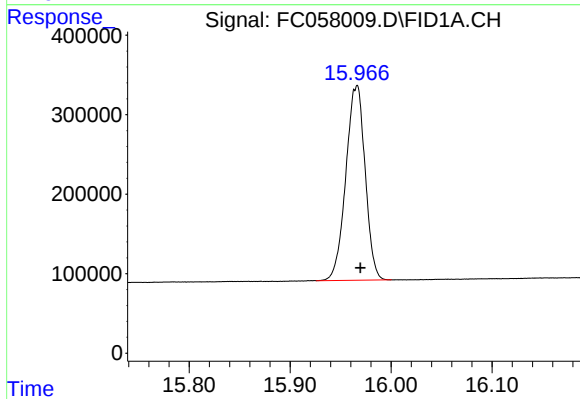
#14 n-Tetracosane (C24)

R.T.: 14.001 min
Delta R.T.: -0.005 min
Response: 3429602
Conc: 19.81 ug/ml



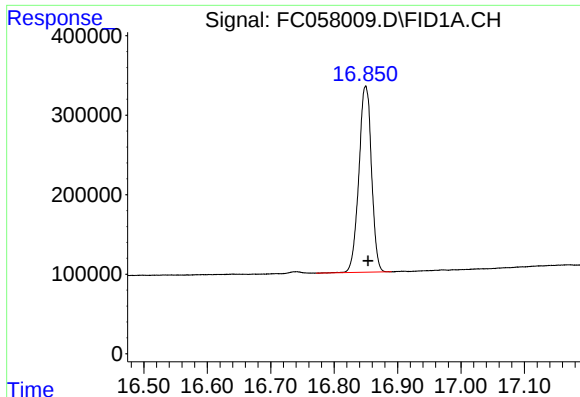
#15 n-Hexacosane (C26)

R.T.: 15.018 min
Delta R.T.: -0.005 min
Response: 3280993
Conc: 19.50 ug/ml m



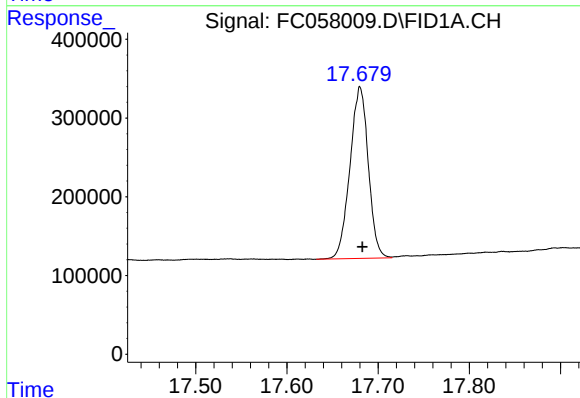
#16 n-Octacosane (C28)

R.T.: 15.966 min
Delta R.T.: -0.003 min
Response: 3252532
Conc: 19.88 ug/ml m



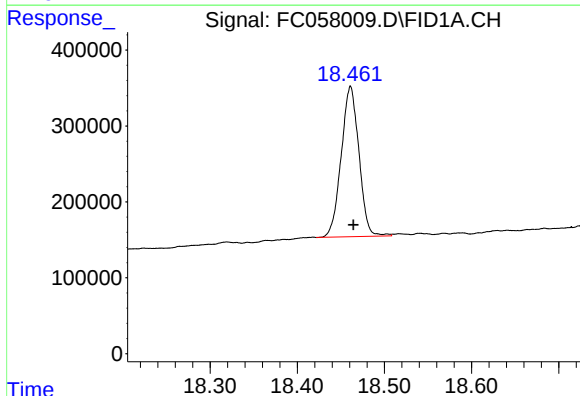
#17 n-Tricontane (C30)

R.T.: 16.850 min
Delta R.T.: -0.004 min
Response: 3234051
Conc: 20.71 ug/ml



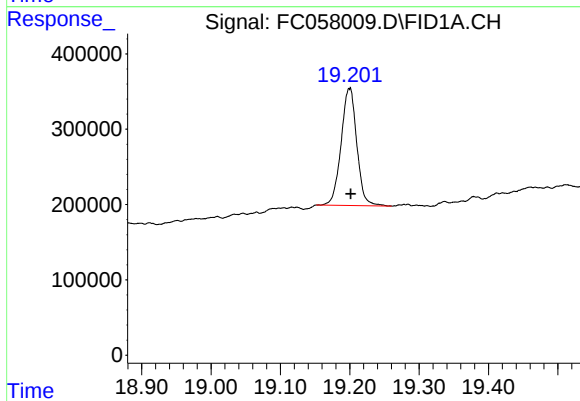
#18 n-Dotriacontane (C32)

R.T.: 17.679 min
Delta R.T.: -0.004 min
Response: 3046045
Conc: 21.85 ug/ml m



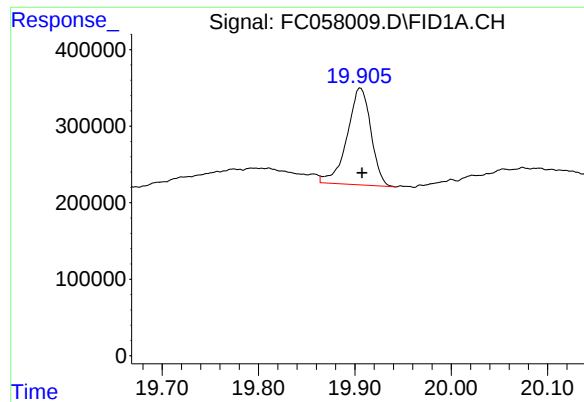
#19 n-Tetratriacontane (C34)

R.T.: 18.461 min
Delta R.T.: -0.003 min
Response: 2794506
Conc: 22.48 ug/ml



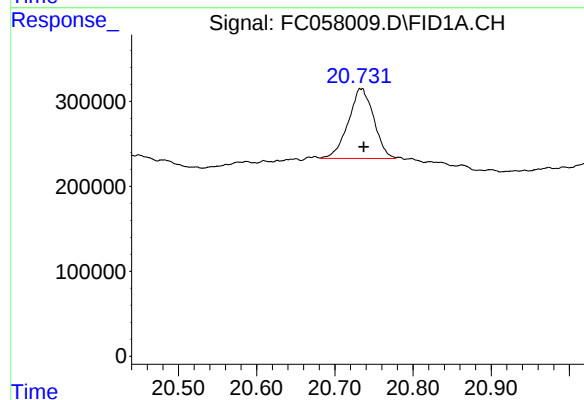
#20 n-Hexatriacontane (C36)

R.T.: 19.200 min
Delta R.T.: -0.002 min
Response: 2447347
Conc: 22.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.905 min
Delta R.T.: -0.003 min
Response: 2159586
Conc: 20.70 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.731 min
Delta R.T.: -0.006 min
Response: 1863289
Conc: 19.46 ug/ml m