

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC012822AL\
 Data File : FC058173.D
 Signal(s) : FID1A.CH
 Acq On : 28 Jan 2022 12:34
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jan 28 21:45:38 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)	10.698	3869739	20.013 ug/ml
Spiked Amount 50.000		Recovery =	40.03%
12) S 1-chlorooctadecane (S...	12.137	2919190	19.806 ug/ml
Spiked Amount 50.000		Recovery =	39.61%
Target Compounds			
1) T n-Nonane (C9)	2.627	3590227	22.451 ug/ml
2) T n-Decane (C10)	3.616	3689108	22.952 ug/ml
3) T A~Naphthalene (C11.7)	5.154	4058779	22.352 ug/ml
4) T n-Dodecane (C12)	5.587	3717333	23.049 ug/ml
5) T A~2-methylnaphthalene...	6.195	4051115	22.153 ug/ml
6) T n-Tetradecane (C14)	7.369	3773877	22.859 ug/ml
7) T n-Hexadecane (C16)	8.960	3724927	22.300 ug/ml
8) T n-Octadecane (C18)	10.394	3715716	21.592 ug/ml
10) T n-Eicosane (C20)	11.698	3516621	20.542 ug/ml
11) T n-Heneicosane (C21)	12.306	3476961	20.107 ug/ml
13) T n-Docosane (C22)	12.890	3375588	19.511 ug/ml
14) T n-Tetracosane (C24)	13.989	3294886	19.034 ug/ml
15) T n-Hexacosane (C26)	15.006	3226721	19.174 ug/ml
16) T n-Octacosane (C28)	15.952	3335969	20.386 ug/ml
17) T n-Tricontane (C30)	16.838	3551220	22.746 ug/ml
18) T n-Dotriacontane (C32)	17.666	3441219	24.682 ug/ml
19) T n-Tetratriacontane (C34)	18.449	3040660	24.464 ug/ml
20) T n-Hexatriacontane (C36)	19.187	2492401	22.418 ug/ml
21) T n-Octatriacontane (C38)	19.891	2111741	20.244 ug/ml
22) T n-Tetracontane (C40)	20.716	1757626	18.356 ug/ml

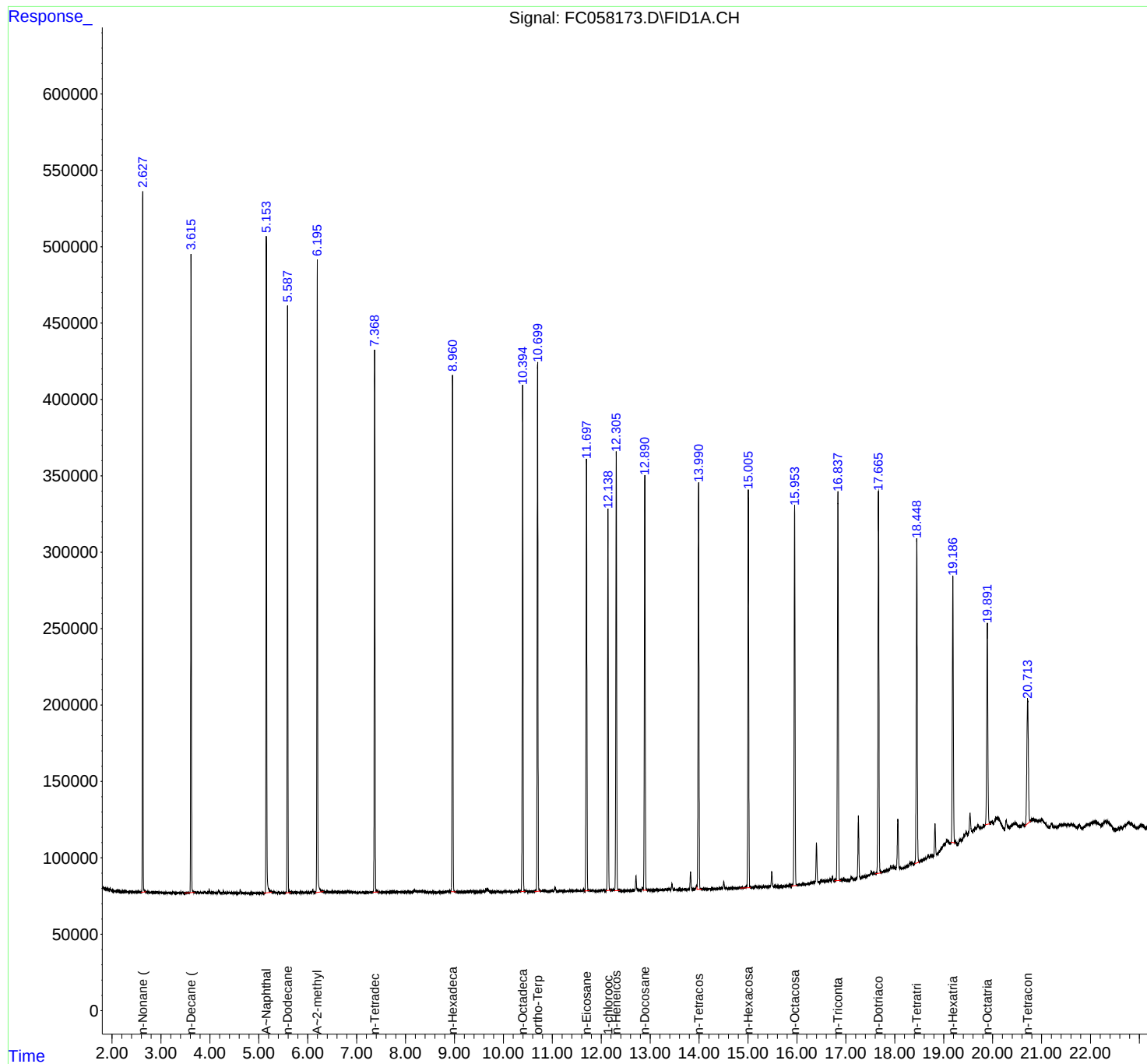
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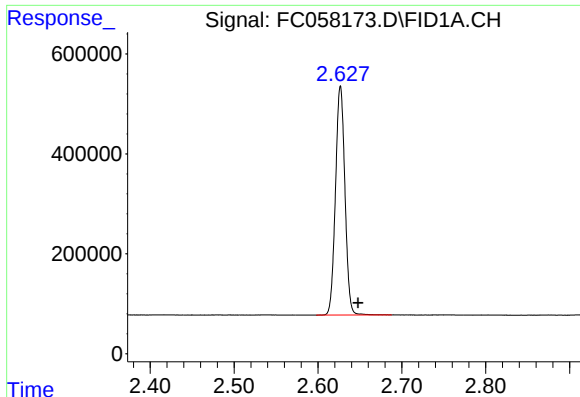
(m)=manual int.

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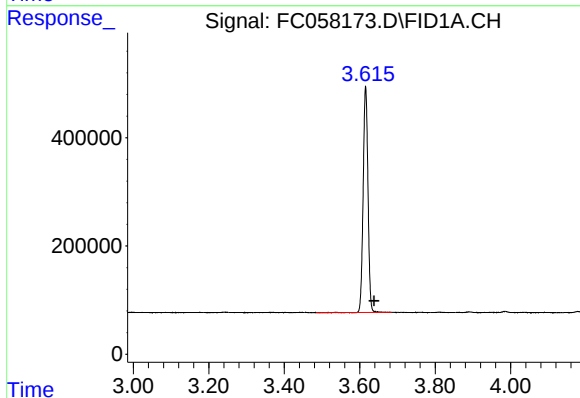
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





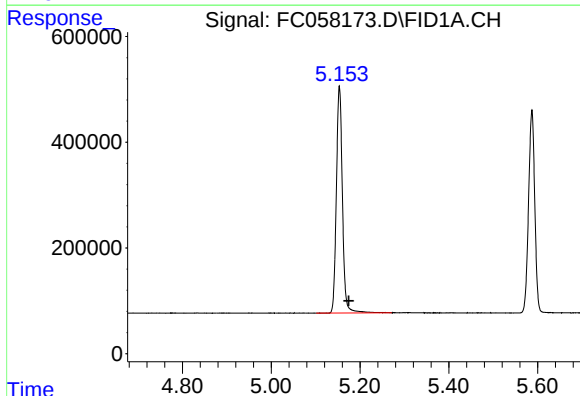
#1 n-Nonane (C9)

R.T.: 2.627 min
Delta R.T.: -0.021 min
Response: 3590227
Conc: 22.45 ug/ml



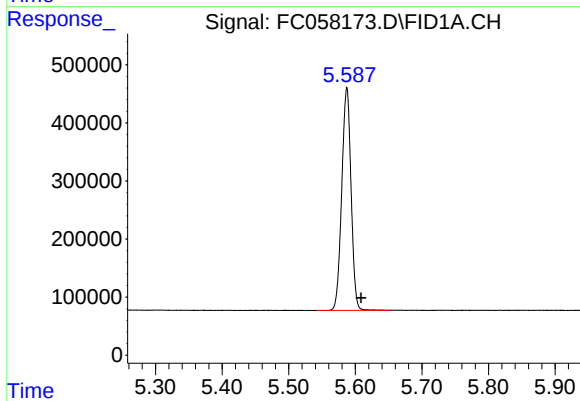
#2 n-Decane (C10)

R.T.: 3.616 min
Delta R.T.: -0.022 min
Response: 3689108
Conc: 22.95 ug/ml



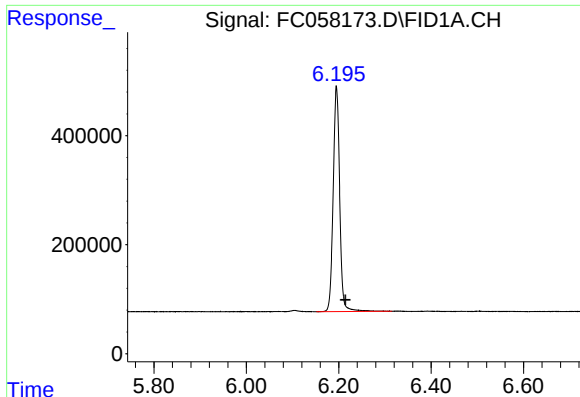
#3 A~Naphthalene (C11.7)

R.T.: 5.154 min
Delta R.T.: -0.021 min
Response: 4058779
Conc: 22.35 ug/ml



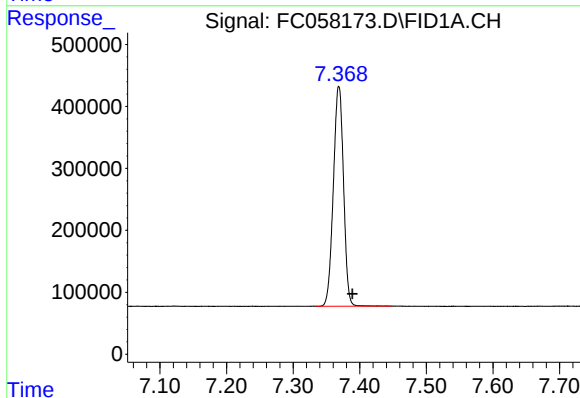
#4 n-Dodecane (C12)

R.T.: 5.587 min
Delta R.T.: -0.022 min
Response: 3717333
Conc: 23.05 ug/ml



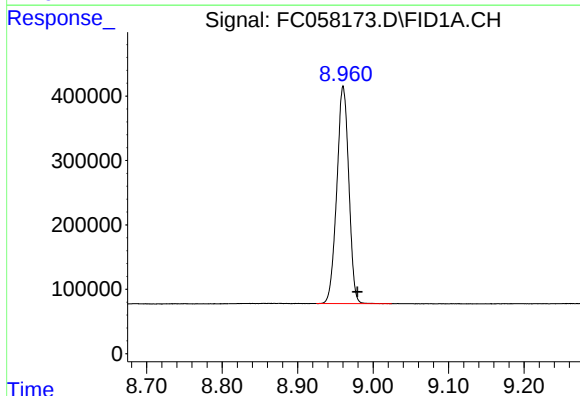
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.195 min
Delta R.T.: -0.019 min
Response: 4051115
Conc: 22.15 ug/ml



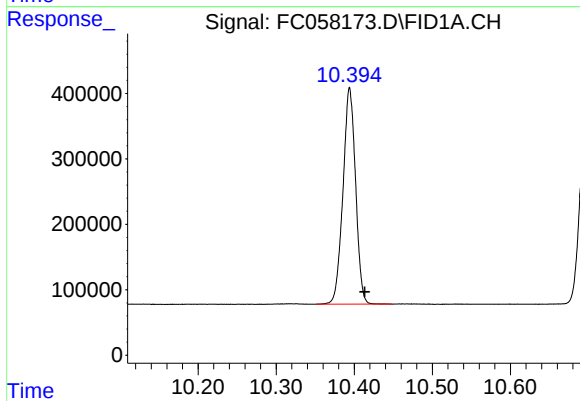
#6 n-Tetradecane (C14)

R.T.: 7.369 min
Delta R.T.: -0.020 min
Response: 3773877
Conc: 22.86 ug/ml



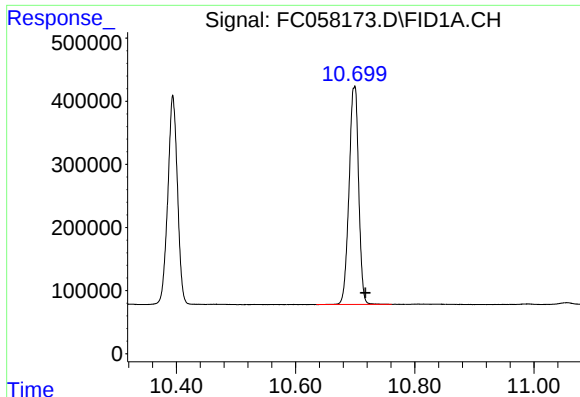
#7 n-Hexadecane (C16)

R.T.: 8.960 min
Delta R.T.: -0.018 min
Response: 3724927
Conc: 22.30 ug/ml



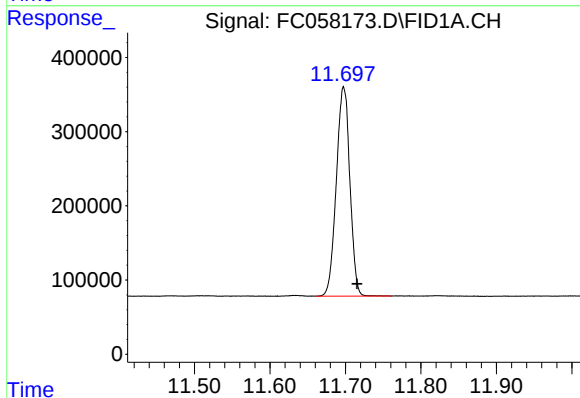
#8 n-Octadecane (C18)

R.T.: 10.394 min
Delta R.T.: -0.019 min
Response: 3715716
Conc: 21.59 ug/ml



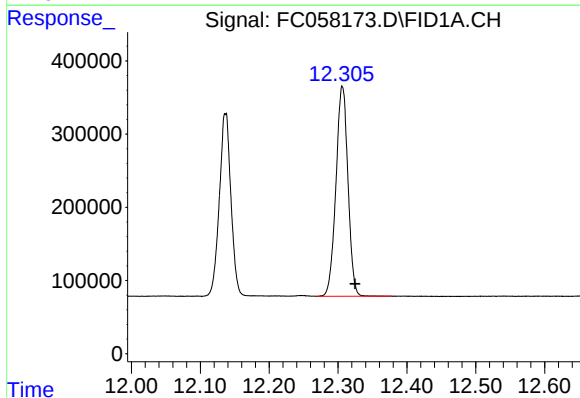
#9 ortho-Terphenyl (SURR)

R.T.: 10.698 min
Delta R.T.: -0.019 min
Response: 3869739
Conc: 20.01 ug/ml



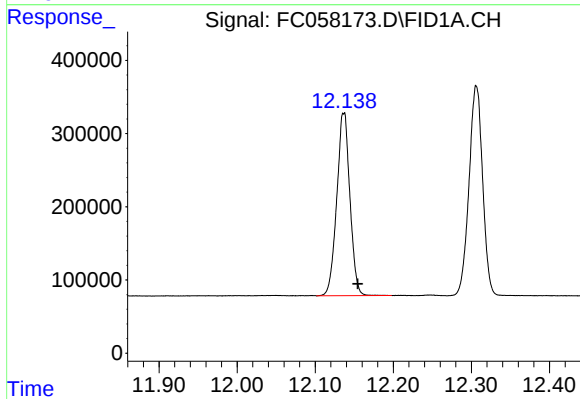
#10 n-Eicosane (C20)

R.T.: 11.698 min
Delta R.T.: -0.018 min
Response: 3516621
Conc: 20.54 ug/ml



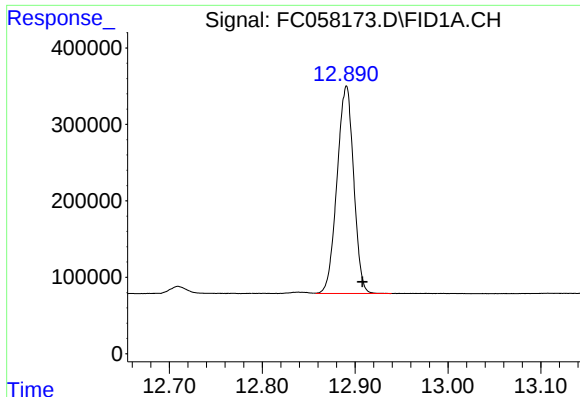
#11 n-Heneicosane (C21)

R.T.: 12.306 min
Delta R.T.: -0.018 min
Response: 3476961
Conc: 20.11 ug/ml



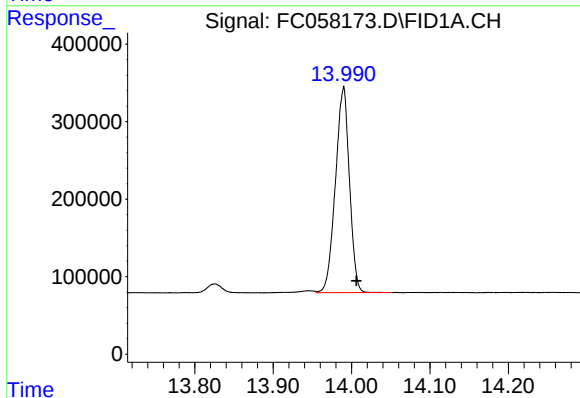
#12 1-chlorooctadecane (SURR)

R.T.: 12.137 min
Delta R.T.: -0.018 min
Response: 2919190
Conc: 19.81 ug/ml



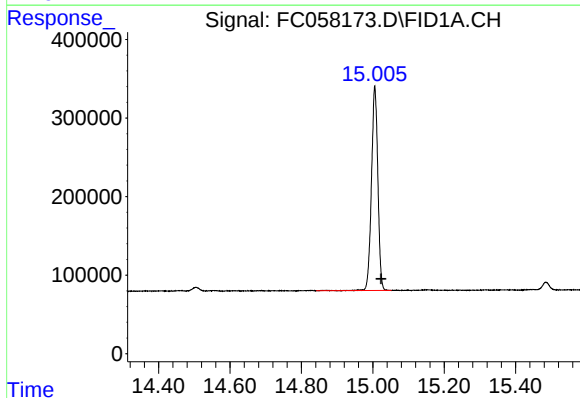
#13 n-Docosane (C22)

R.T.: 12.890 min
Delta R.T.: -0.018 min
Response: 3375588
Conc: 19.51 ug/ml



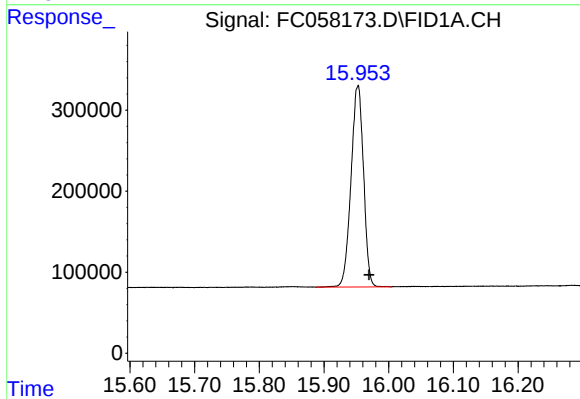
#14 n-Tetracosane (C24)

R.T.: 13.989 min
Delta R.T.: -0.017 min
Response: 3294886
Conc: 19.03 ug/ml



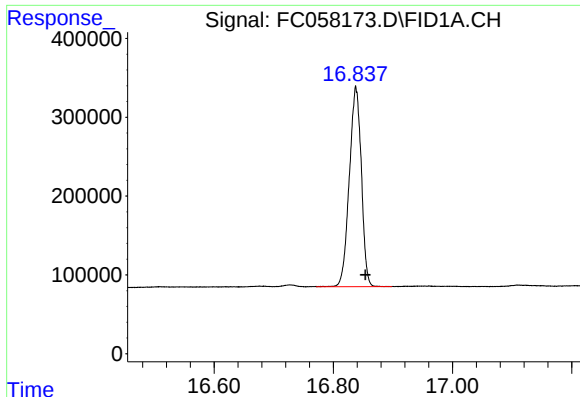
#15 n-Hexacosane (C26)

R.T.: 15.006 min
Delta R.T.: -0.017 min
Response: 3226721
Conc: 19.17 ug/ml



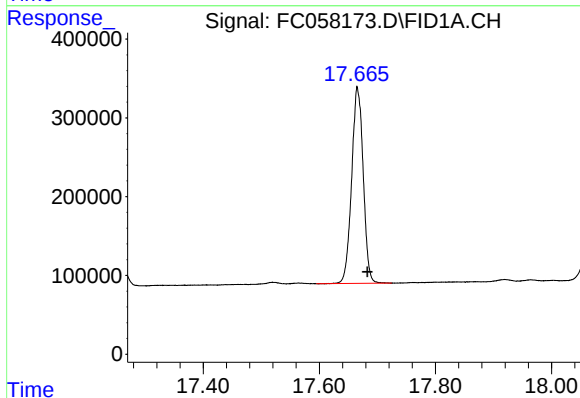
#16 n-Octacosane (C28)

R.T.: 15.952 min
Delta R.T.: -0.017 min
Response: 3335969
Conc: 20.39 ug/ml



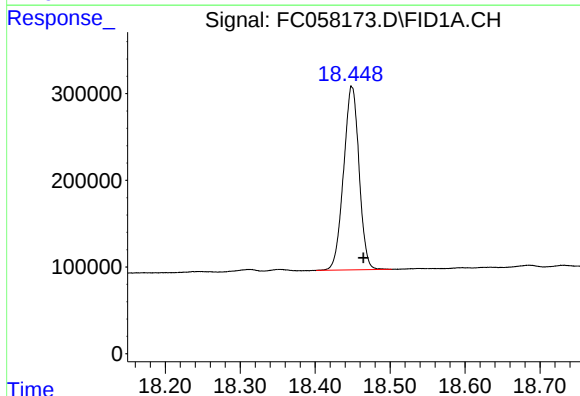
#17 n-Tricontane (C30)

R.T.: 16.838 min
Delta R.T.: -0.016 min
Response: 3551220
Conc: 22.75 ug/ml



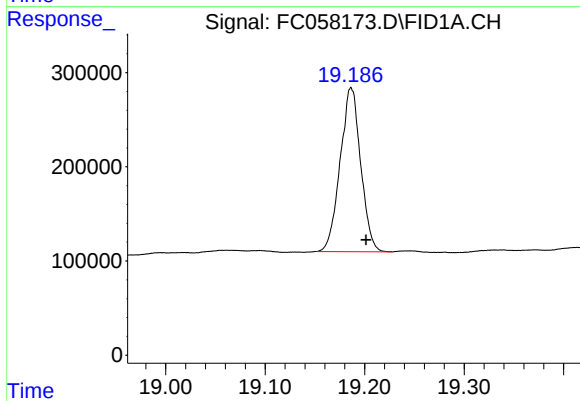
#18 n-Dotriacontane (C32)

R.T.: 17.666 min
Delta R.T.: -0.017 min
Response: 3441219
Conc: 24.68 ug/ml



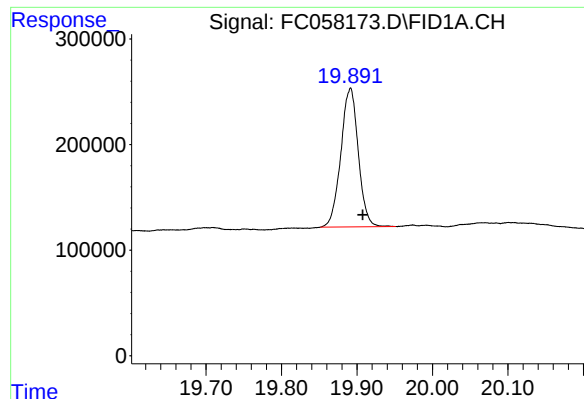
#19 n-Tetratriacontane (C34)

R.T.: 18.449 min
Delta R.T.: -0.015 min
Response: 3040660
Conc: 24.46 ug/ml



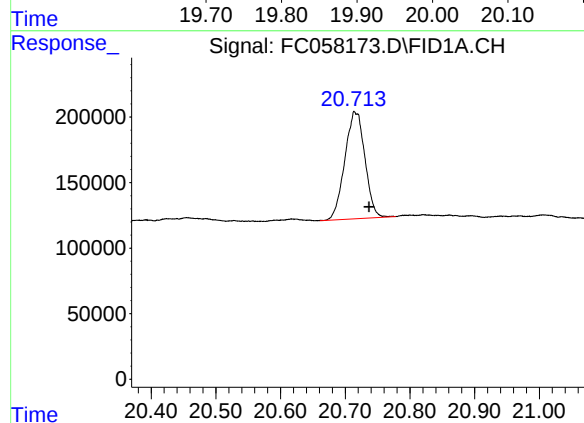
#20 n-Hexatriacontane (C36)

R.T.: 19.187 min
Delta R.T.: -0.015 min
Response: 2492401
Conc: 22.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.891 min
Delta R.T.: -0.017 min
Response: 2111741
Conc: 20.24 ug/ml



#22 n-Tetracontane (C40)

R.T.: 20.716 min
Delta R.T.: -0.021 min
Response: 1757626
Conc: 18.36 ug/ml