

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072021AL\
 Data File : FC054759.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jul 2021 10:44
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 21 01:51:45 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 062521.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 26 02:10:35 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			
9) S ortho-Terphenyl (SURR)	11.316	2909336	20.550 ug/ml
Spiked Amount 50.000		Recovery =	41.10%
12) S 1-chlorooctadecane (S...	12.759	2274888	20.407 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
Target Compounds			
1) T n-Nonane (C9)	3.132	2627181	22.341 ug/ml
2) T n-Decane (C10)	4.185	2661718	22.416 ug/ml
3) T A~Naphthalene (C11.7)	5.751	2869655	21.827 ug/ml
4) T n-Dodecane (C12)	6.192	2696484	22.498 ug/ml
5) T A~2-methylnaphthalene...	6.803	2844579	21.546 ug/ml
6) T n-Tetradecane (C14)	7.979	2737583	22.469 ug/ml
7) T n-Hexadecane (C16)	9.575	2739759	21.995 ug/ml
8) T n-Octadecane (C18)	11.013	2781482	21.535 ug/ml
10) T n-Eicosane (C20)	12.318	2717180	20.882 ug/ml
11) T n-Heneicosane (C21)	12.929	2721918	20.501 ug/ml
13) T n-Docosane (C22)	13.514	2671572	20.166 ug/ml
14) T n-Tetracosane (C24)	14.614	2614146	19.311 ug/ml
15) T n-Hexacosane (C26)	15.633	2508279	18.510 ug/ml
16) T n-Octacosane (C28)	16.581	2439779	17.775 ug/ml
17) T n-Tricontane (C30)	17.467	2393555	17.281 ug/ml
18) T n-Dotriacontane (C32)	18.298	2335715	17.072 ug/ml
19) T n-Tetratriacontane (C34)	19.081	2351683	17.405 ug/ml
20) T n-Hexatriacontane (C36)	19.818	2297925	18.616 ug/mlm
21) T n-Octatriacontane (C38)	20.524	2262463	20.001 ug/mlm
22) T n-Tetracontane (C40)	21.340	2377258	21.033 ug/ml

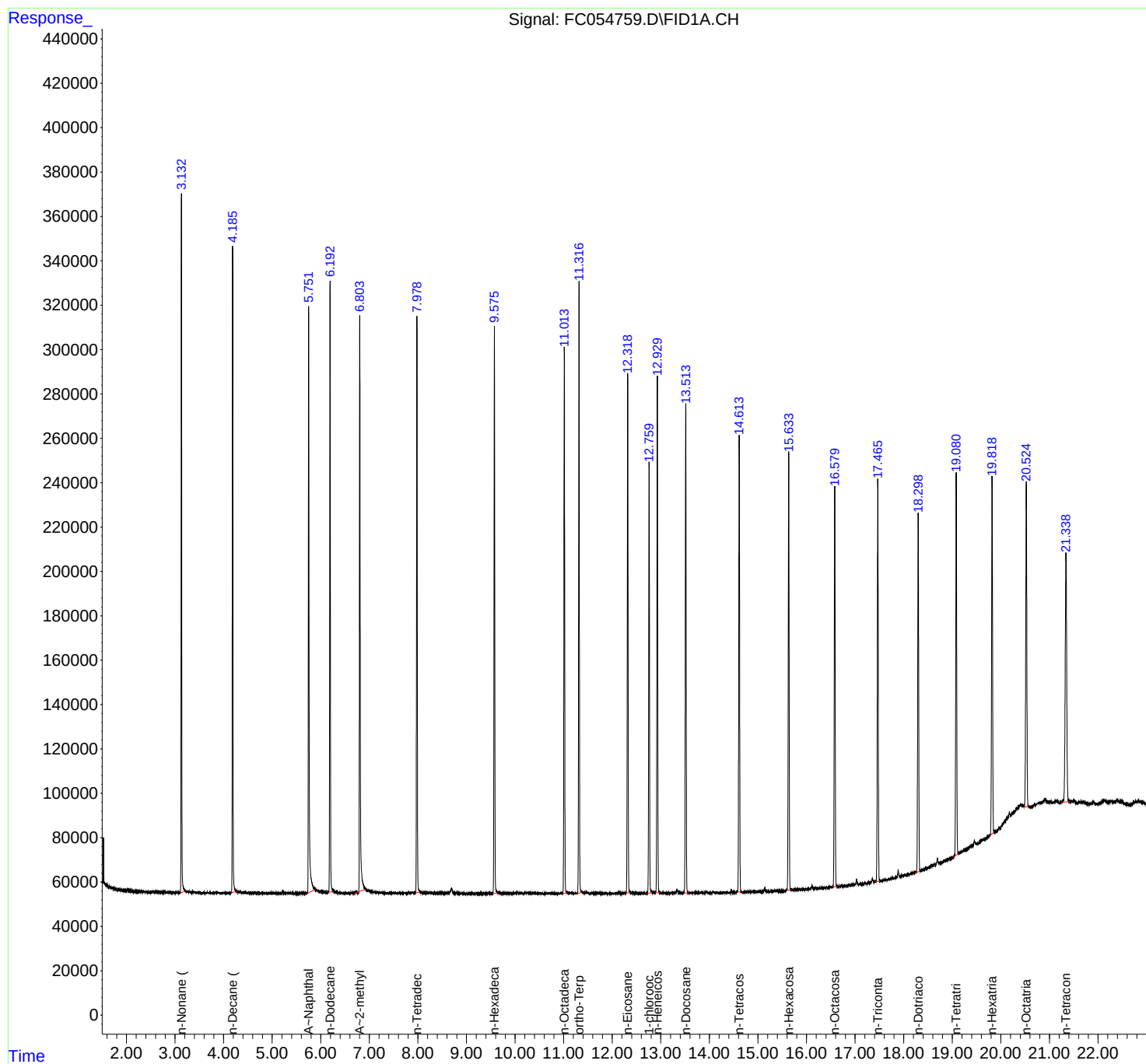
(f)=RT Delta > 1/2 Window

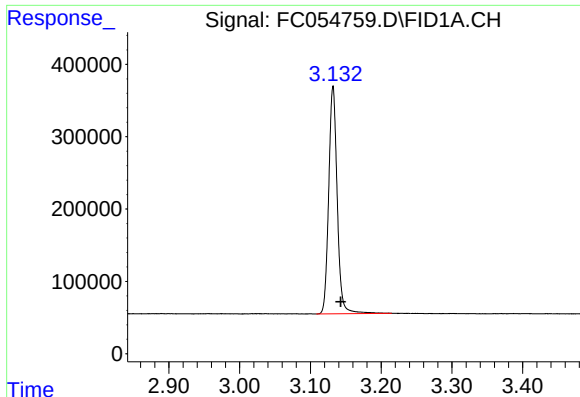
(m)=manual int.

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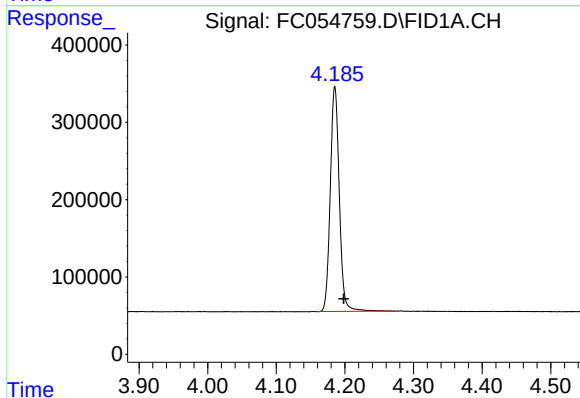
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





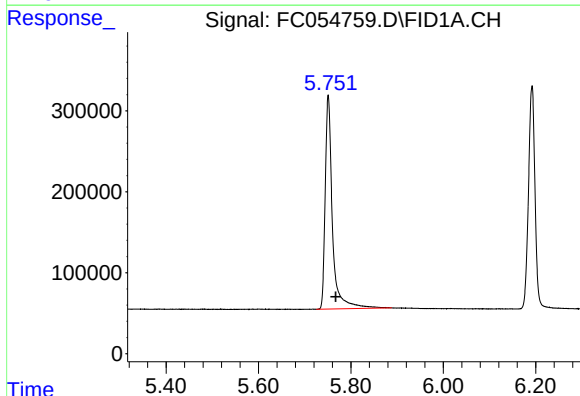
#1 n-Nonane (C9)

R.T.: 3.132 min
Delta R.T.: -0.011 min
Response: 2627181
Conc: 22.34 ug/ml



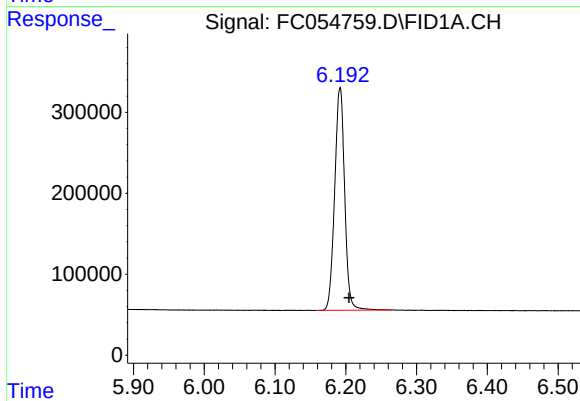
#2 n-Decane (C10)

R.T.: 4.185 min
Delta R.T.: -0.013 min
Response: 2661718
Conc: 22.42 ug/ml



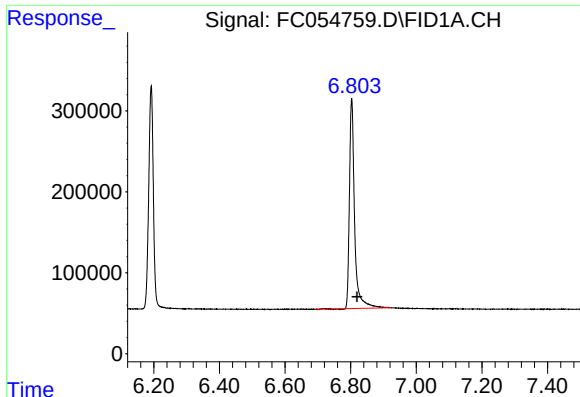
#3 A~Naphthalene (C11.7)

R.T.: 5.751 min
Delta R.T.: -0.016 min
Response: 2869655
Conc: 21.83 ug/ml



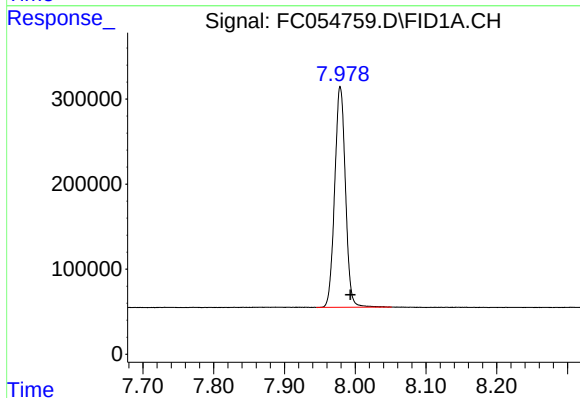
#4 n-Dodecane (C12)

R.T.: 6.192 min
Delta R.T.: -0.013 min
Response: 2696484
Conc: 22.50 ug/ml



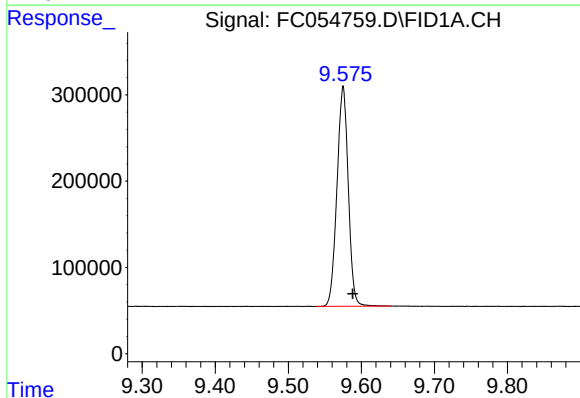
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.803 min
Delta R.T.: -0.016 min
Response: 2844579
Conc: 21.55 ug/ml



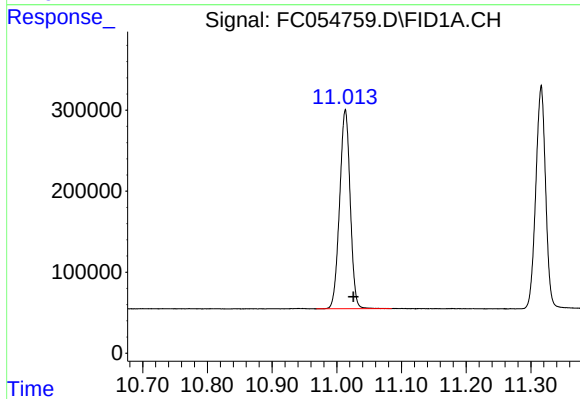
#6 n-Tetradecane (C14)

R.T.: 7.979 min
Delta R.T.: -0.014 min
Response: 2737583
Conc: 22.47 ug/ml



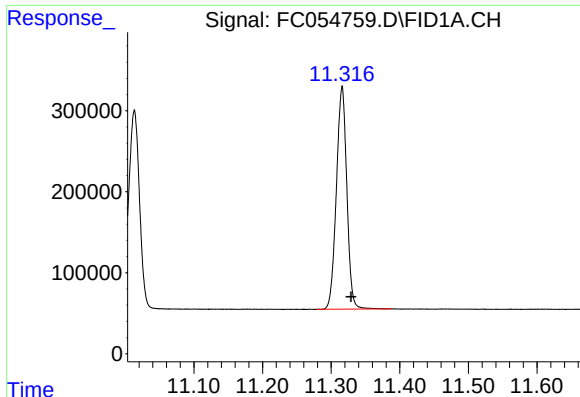
#7 n-Hexadecane (C16)

R.T.: 9.575 min
Delta R.T.: -0.013 min
Response: 2739759
Conc: 22.00 ug/ml



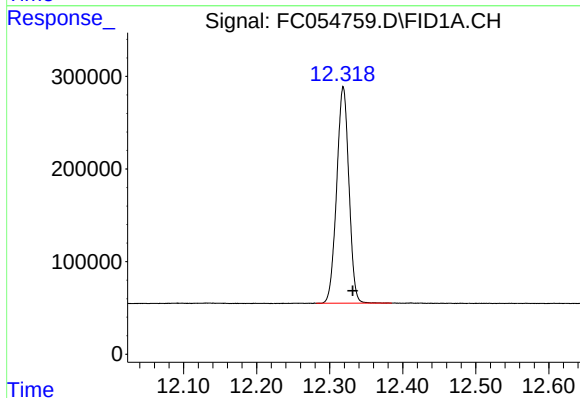
#8 n-Octadecane (C18)

R.T.: 11.013 min
Delta R.T.: -0.012 min
Response: 2781482
Conc: 21.54 ug/ml



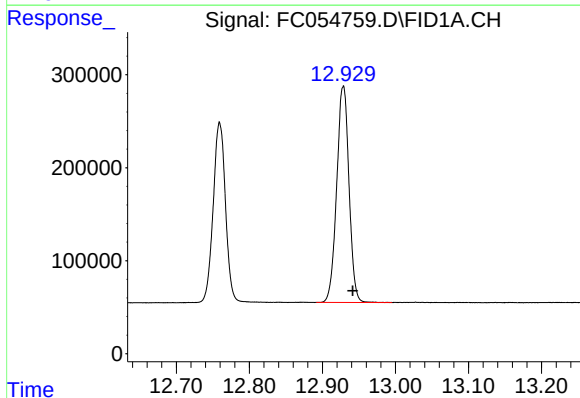
#9 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: -0.013 min
Response: 2909336
Conc: 20.55 ug/ml



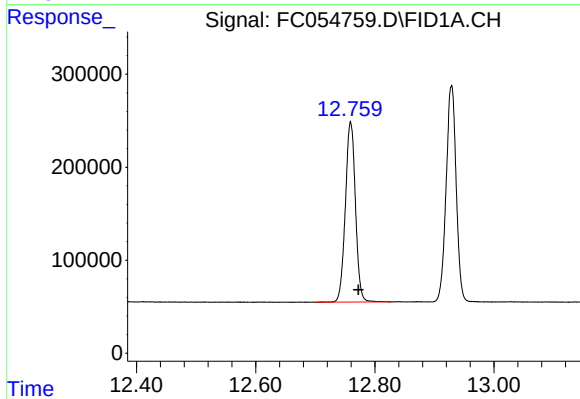
#10 n-Eicosane (C20)

R.T.: 12.318 min
Delta R.T.: -0.013 min
Response: 2717180
Conc: 20.88 ug/ml



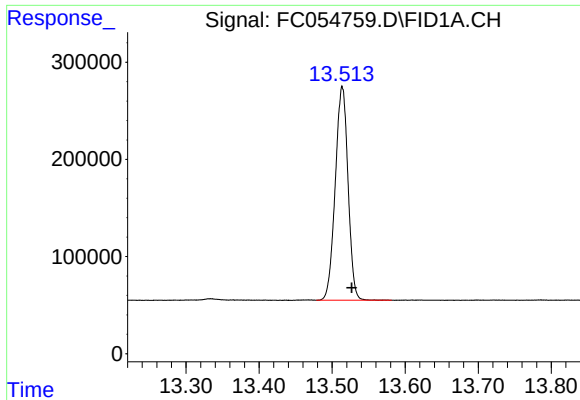
#11 n-Heneicosane (C21)

R.T.: 12.929 min
Delta R.T.: -0.013 min
Response: 2721918
Conc: 20.50 ug/ml



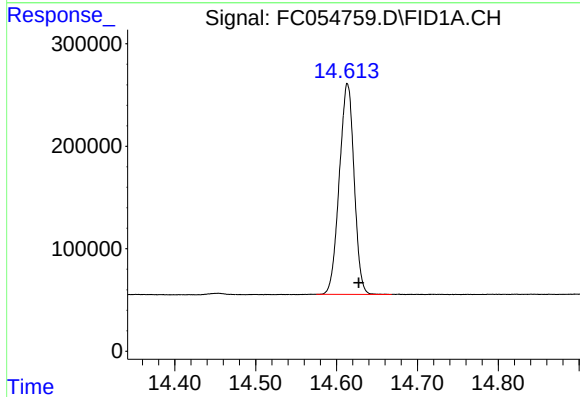
#12 1-chlorooctadecane (SURR)

R.T.: 12.759 min
Delta R.T.: -0.013 min
Response: 2274888
Conc: 20.41 ug/ml



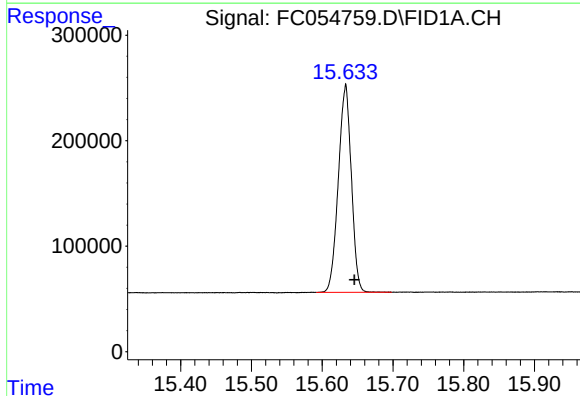
#13 n-Docosane (C22)

R.T.: 13.514 min
Delta R.T.: -0.013 min
Response: 2671572
Conc: 20.17 ug/ml



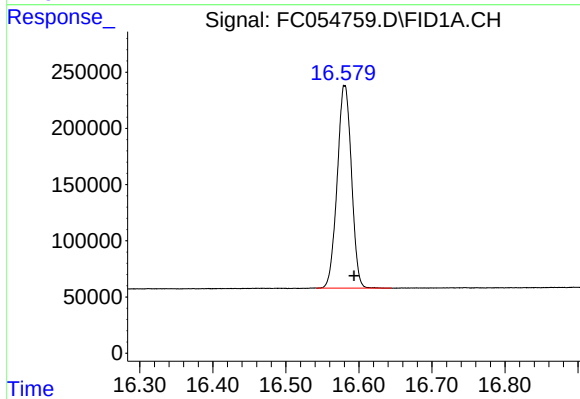
#14 n-Tetracosane (C24)

R.T.: 14.614 min
Delta R.T.: -0.014 min
Response: 2614146
Conc: 19.31 ug/ml



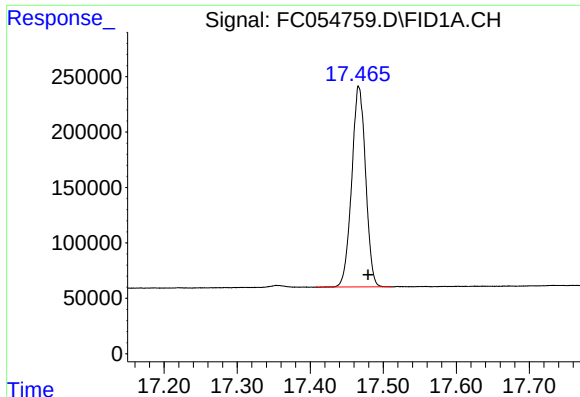
#15 n-Hexacosane (C26)

R.T.: 15.633 min
Delta R.T.: -0.013 min
Response: 2508279
Conc: 18.51 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.581 min
Delta R.T.: -0.013 min
Response: 2439779
Conc: 17.78 ug/ml



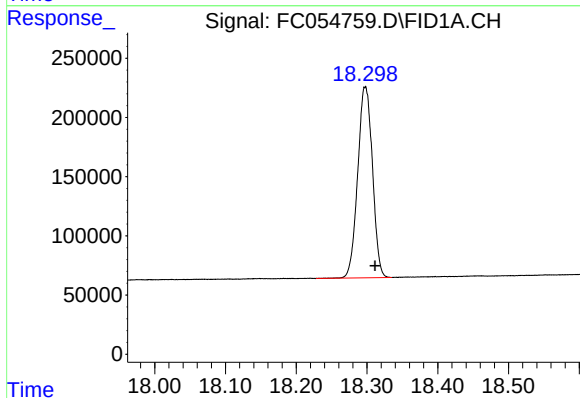
#17 n-Tricontane (C30)

R.T.: 17.467 min

Delta R.T.: -0.012 min

Response: 2393555

Conc: 17.28 ug/ml



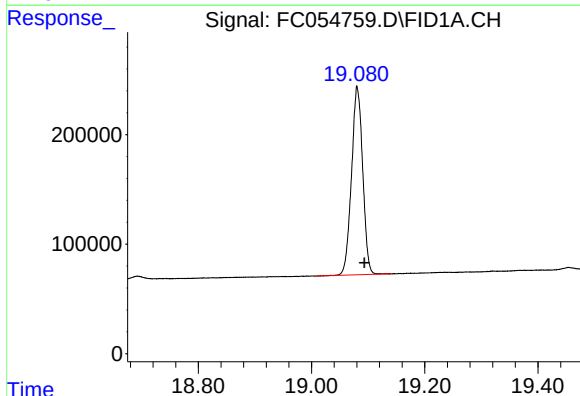
#18 n-Dotriacontane (C32)

R.T.: 18.298 min

Delta R.T.: -0.014 min

Response: 2335715

Conc: 17.07 ug/ml



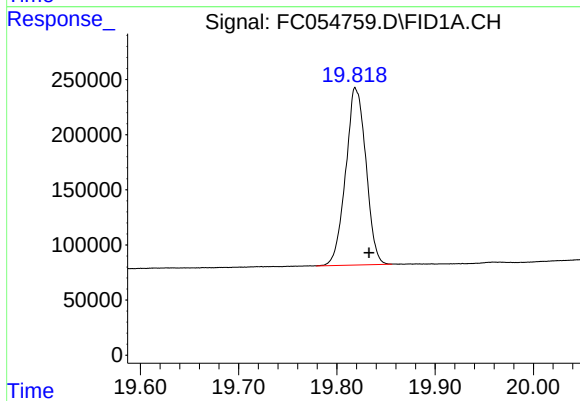
#19 n-Tetratriacontane (C34)

R.T.: 19.081 min

Delta R.T.: -0.012 min

Response: 2351683

Conc: 17.40 ug/ml



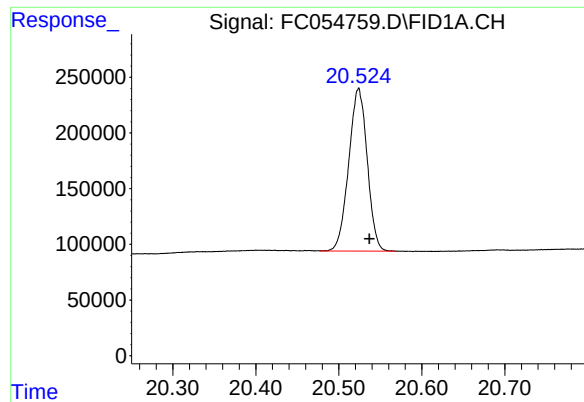
#20 n-Hexatriacontane (C36)

R.T.: 19.818 min

Delta R.T.: -0.015 min

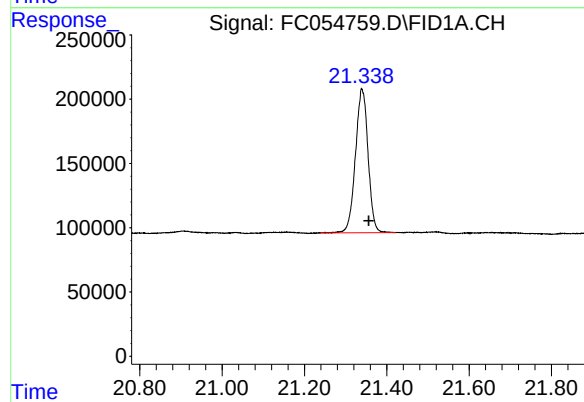
Response: 2297925

Conc: 18.62 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.524 min
Delta R.T.: -0.013 min
Response: 2262463
Conc: 20.00 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.340 min
Delta R.T.: -0.016 min
Response: 2377258
Conc: 21.03 ug/ml