

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072621AL\
 Data File : FC054853.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jul 2021 11:27
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 27 01:50:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 072121.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 21 03:37:32 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)	11.312	2745457	19.738 ug/ml
Spiked Amount 50.000		Recovery =	39.48%
12) S 1-chlorooctadecane (S...	12.757	2142806	19.276 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T n-Nonane (C9)	3.134	2375708	20.705 ug/ml
2) T n-Decane (C10)	4.185	2405858	20.702 ug/ml
3) T A~Naphthalene (C11.7)	5.750	2529176	21.020 ug/ml
4) T n-Dodecane (C12)	6.190	2468223	20.651 ug/ml
5) T A~2-methylnaphthalene...	6.802	2573738	21.074 ug/ml
6) T n-Tetradecane (C14)	7.977	2533898	20.598 ug/ml
7) T n-Hexadecane (C16)	9.572	2567515	20.367 ug/ml
8) T n-Octadecane (C18)	11.010	2618403	19.976 ug/ml
10) T n-Eicosane (C20)	12.315	2573721	19.533 ug/ml
11) T n-Heneicosane (C21)	12.926	2571737	19.310 ug/ml
13) T n-Docosane (C22)	13.511	2519716	19.027 ug/ml
14) T n-Tetracosane (C24)	14.611	2440153	18.508 ug/ml
15) T n-Hexacosane (C26)	15.630	2303677	17.910 ug/ml
16) T n-Octacosane (C28)	16.579	2200797	16.710 ug/ml
17) T n-Tricontane (C30)	17.465	2089974	14.687 ug/ml
18) T n-Dotriacontane (C32)	18.297	2016500	16.294 ug/ml
19) T n-Tetratriacontane (C34)	19.080	2005763	19.589 ug/ml
20) T n-Hexatriacontane (C36)	19.819	1961888	20.715 ug/ml
21) T n-Octatriacontane (C38)	20.524	1996369	21.441 ug/ml
22) T n-Tetracontane (C40)	21.340	2076606	21.396 ug/ml

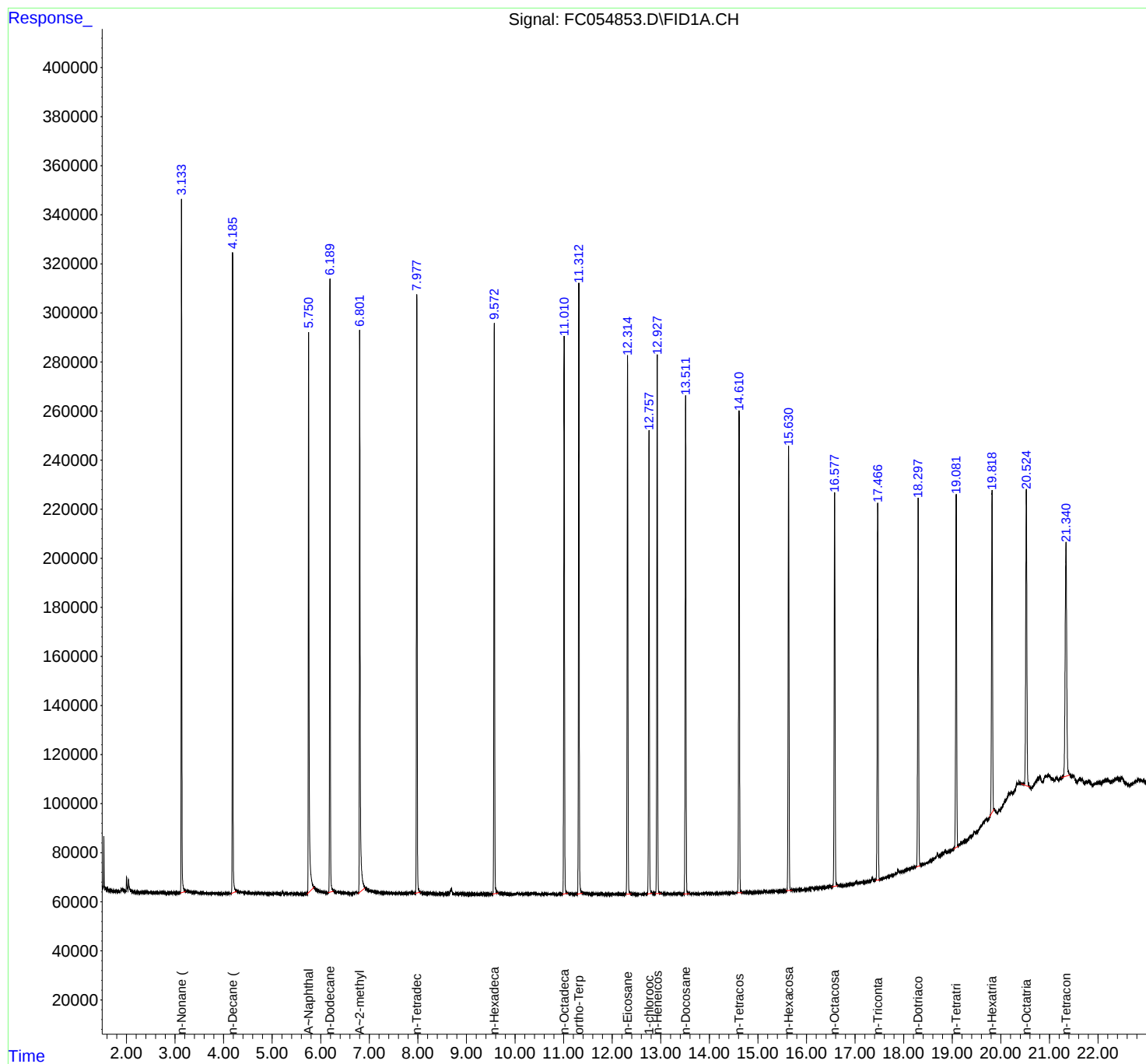
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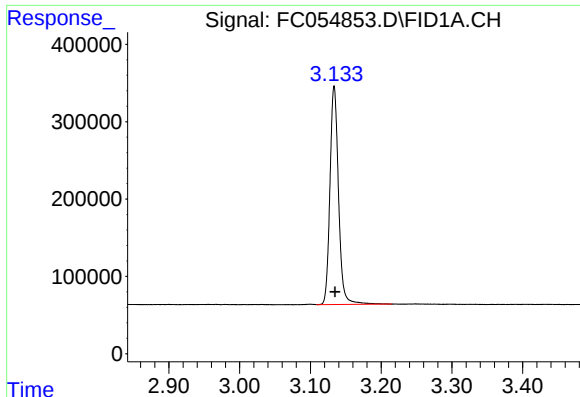
(m)=manual int.

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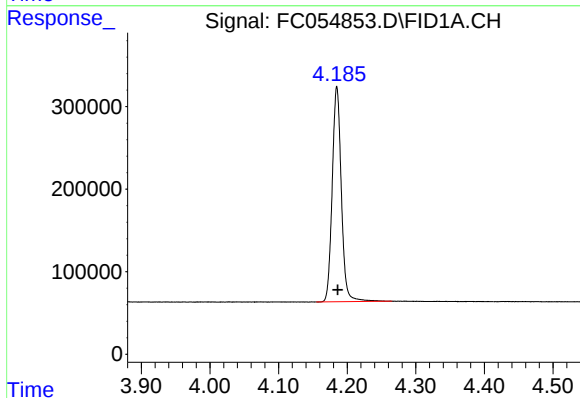
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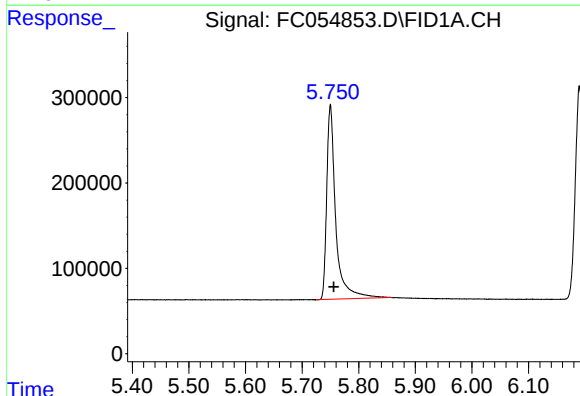
#1 n-Nonane (C9)

R.T.: 3.134 min
Delta R.T.: -0.001 min
Response: 2375708
Conc: 20.71 ug/ml



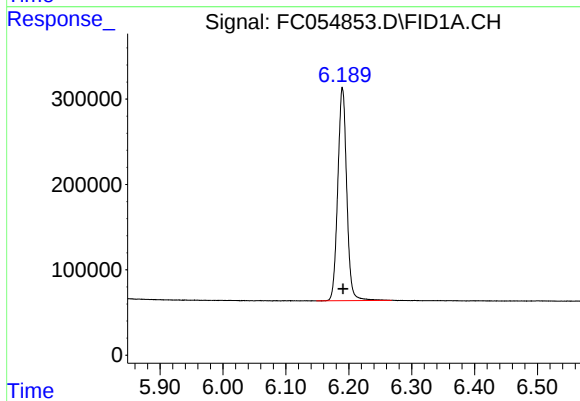
#2 n-Decane (C10)

R.T.: 4.185 min
Delta R.T.: -0.001 min
Response: 2405858
Conc: 20.70 ug/ml



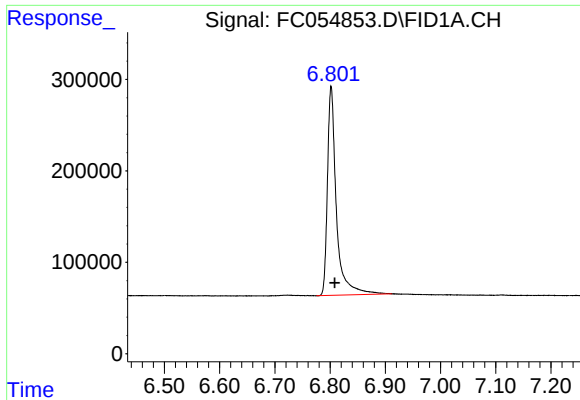
#3 A~Naphthalene (C11.7)

R.T.: 5.750 min
Delta R.T.: -0.006 min
Response: 2529176
Conc: 21.02 ug/ml



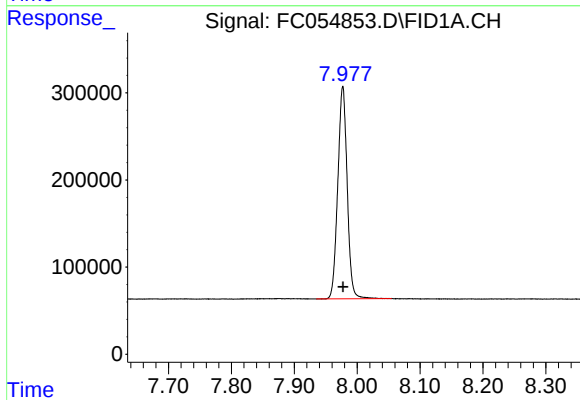
#4 n-Dodecane (C12)

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 2468223
Conc: 20.65 ug/ml



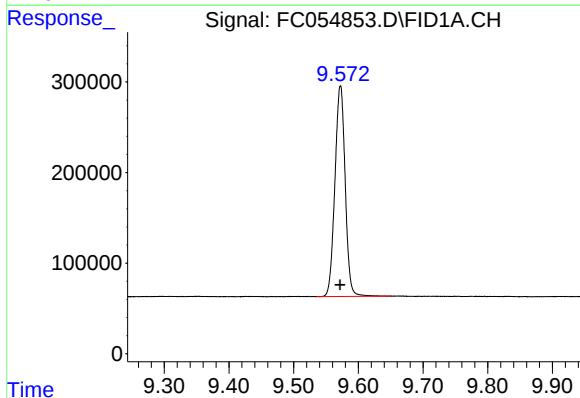
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.802 min
Delta R.T.: -0.006 min
Response: 2573738
Conc: 21.07 ug/ml



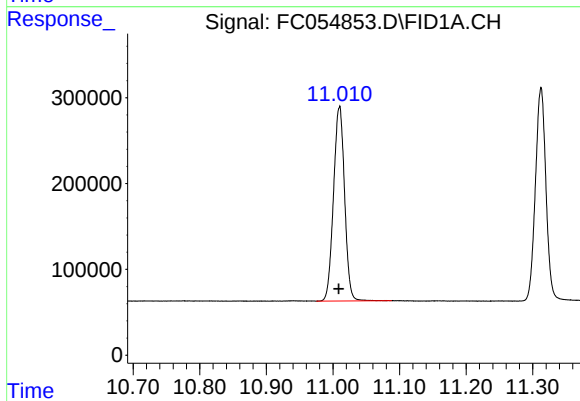
#6 n-Tetradecane (C14)

R.T.: 7.977 min
Delta R.T.: 0.000 min
Response: 2533898
Conc: 20.60 ug/ml



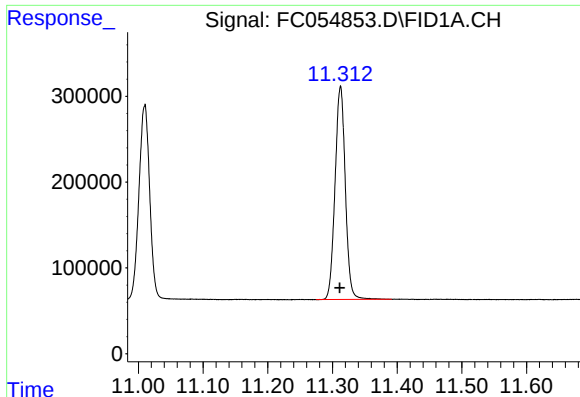
#7 n-Hexadecane (C16)

R.T.: 9.572 min
Delta R.T.: 0.000 min
Response: 2567515
Conc: 20.37 ug/ml



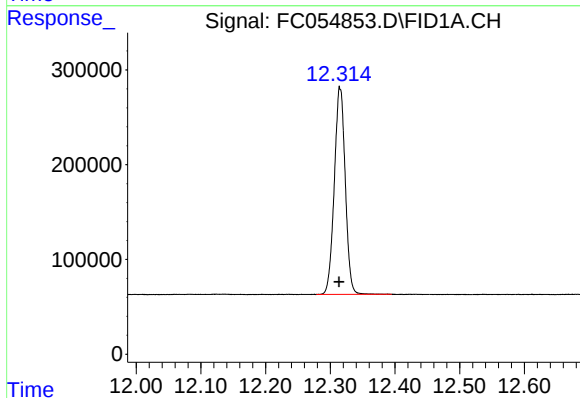
#8 n-Octadecane (C18)

R.T.: 11.010 min
Delta R.T.: 0.001 min
Response: 2618403
Conc: 19.98 ug/ml



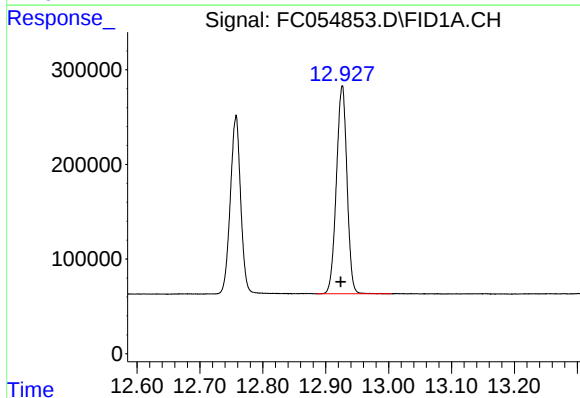
#9 ortho-Terphenyl (SURR)

R.T.: 11.312 min
Delta R.T.: 0.001 min
Response: 2745457
Conc: 19.74 ug/ml



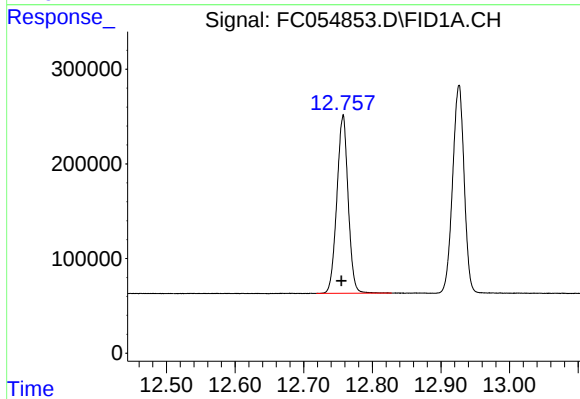
#10 n-Eicosane (C20)

R.T.: 12.315 min
Delta R.T.: 0.001 min
Response: 2573721
Conc: 19.53 ug/ml



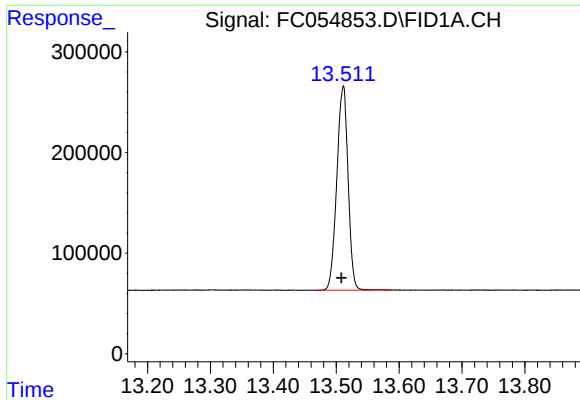
#11 n-Heneicosane (C21)

R.T.: 12.926 min
Delta R.T.: 0.002 min
Response: 2571737
Conc: 19.31 ug/ml



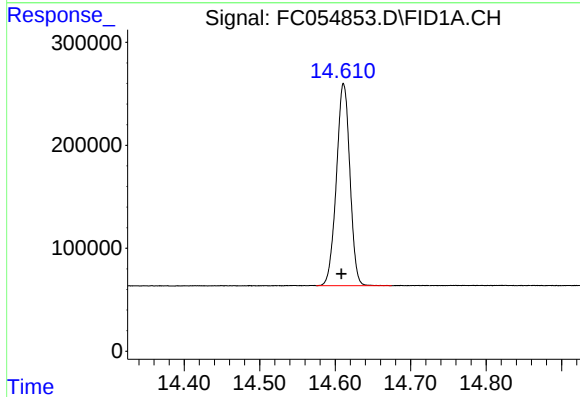
#12 1-chlorooctadecane (SURR)

R.T.: 12.757 min
Delta R.T.: 0.002 min
Response: 2142806
Conc: 19.28 ug/ml



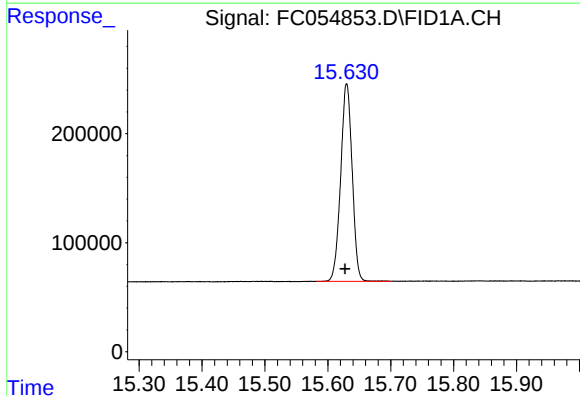
#13 n-Docosane (C22)

R.T.: 13.511 min
Delta R.T.: 0.003 min
Response: 2519716
Conc: 19.03 ug/ml



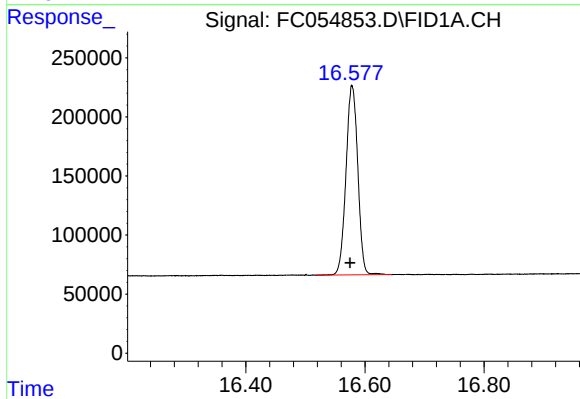
#14 n-Tetracosane (C24)

R.T.: 14.611 min
Delta R.T.: 0.003 min
Response: 2440153
Conc: 18.51 ug/ml



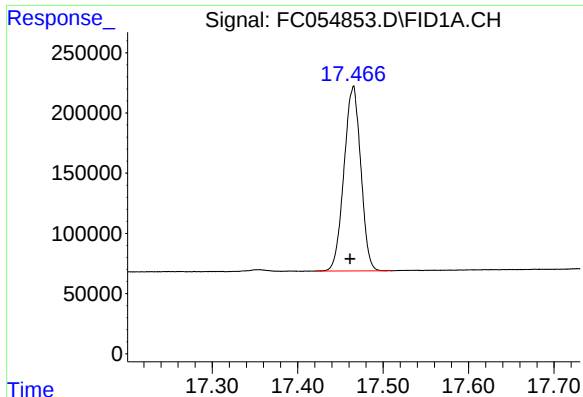
#15 n-Hexacosane (C26)

R.T.: 15.630 min
Delta R.T.: 0.003 min
Response: 2303677
Conc: 17.91 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.579 min
Delta R.T.: 0.004 min
Response: 2200797
Conc: 16.71 ug/ml



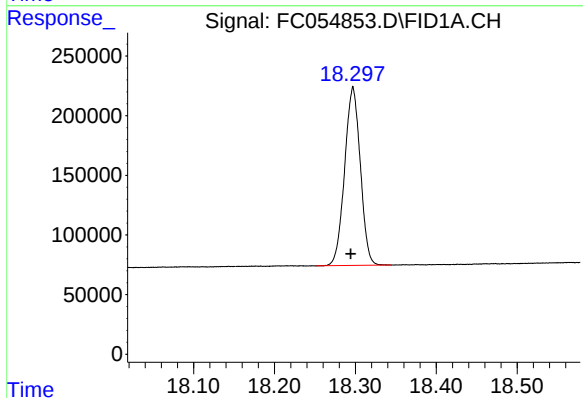
#17 n-Tricontane (C30)

R.T.: 17.465 min

Delta R.T.: 0.003 min

Response: 2089974

Conc: 14.69 ug/ml



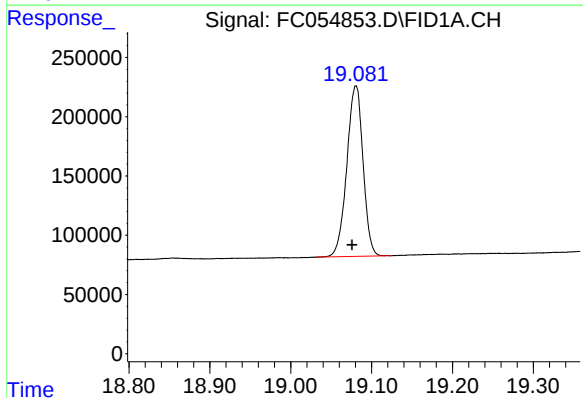
#18 n-Dotriacontane (C32)

R.T.: 18.297 min

Delta R.T.: 0.003 min

Response: 2016500

Conc: 16.29 ug/ml



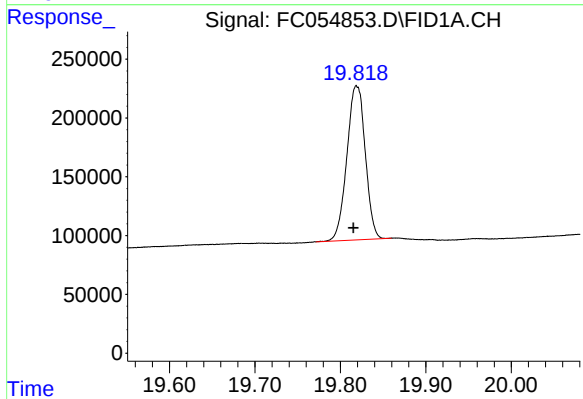
#19 n-Tetratriacontane (C34)

R.T.: 19.080 min

Delta R.T.: 0.005 min

Response: 2005763

Conc: 19.59 ug/ml



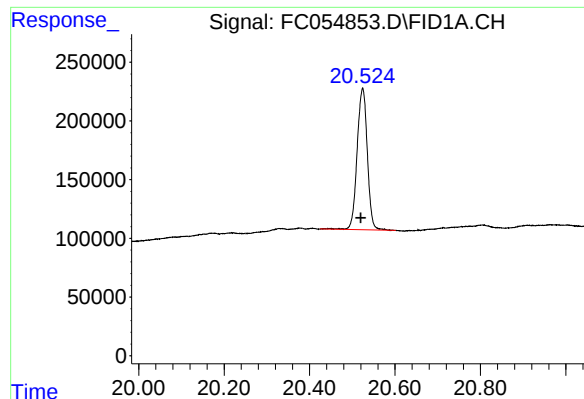
#20 n-Hexatriacontane (C36)

R.T.: 19.819 min

Delta R.T.: 0.004 min

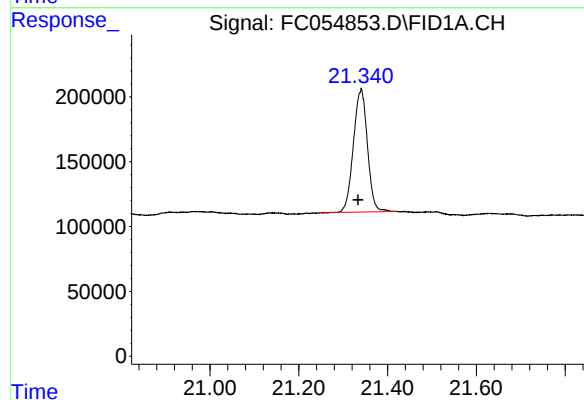
Response: 1961888

Conc: 20.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.524 min
Delta R.T.: 0.004 min
Response: 1996369
Conc: 21.44 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.340 min
Delta R.T.: 0.007 min
Response: 2076606
Conc: 21.40 ug/ml