

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC073021AL\
 Data File : FC054941.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jul 2021 1:28
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 31 04:10:04 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)	11.309	2770219	19.916 ug/ml
Spiked Amount 50.000		Recovery =	39.83%
12) S 1-chlorooctadecane (S...	12.752	2165450	19.480 ug/ml
Spiked Amount 50.000		Recovery =	38.96%
Target Compounds			
1) T n-Nonane (C9)	3.127	2443206	21.293 ug/ml
2) T n-Decane (C10)	4.180	2540975	21.865 ug/ml
3) T A~Naphthalene (C11.7)	5.747	2702044	22.457 ug/ml
4) T n-Dodecane (C12)	6.186	2627286	21.982 ug/ml
5) T A~2-methylnaphthalene...	6.800	2724508	22.309 ug/ml
6) T n-Tetradecane (C14)	7.974	2682440	21.805 ug/ml
7) T n-Hexadecane (C16)	9.568	2706412	21.469 ug/ml
8) T n-Octadecane (C18)	11.006	2715794	20.719 ug/ml
10) T n-Eicosane (C20)	12.311	2630763	19.966 ug/ml
11) T n-Heneicosane (C21)	12.922	2610459	19.601 ug/ml
13) T n-Docosane (C22)	13.506	2588371	19.546 ug/ml
14) T n-Tetracosane (C24)	14.607	2468822	18.725 ug/ml
15) T n-Hexacosane (C26)	15.627	2364828	18.386 ug/ml
16) T n-Octacosane (C28)	16.576	2333378	17.717 ug/ml
17) T n-Tricontane (C30)	17.463	2278665	16.013 ug/ml
18) T n-Dotriacontane (C32)	18.295	2224074	17.972 ug/ml
19) T n-Tetratriacontane (C34)	19.078	2241624	21.892 ug/ml
20) T n-Hexatriacontane (C36)	19.818	2166061	22.871 ug/ml
21) T n-Octatriacontane (C38)	20.524	2268536	24.364 ug/mlm
22) T n-Tetracontane (C40)	21.340	2214385	22.815 ug/mlm

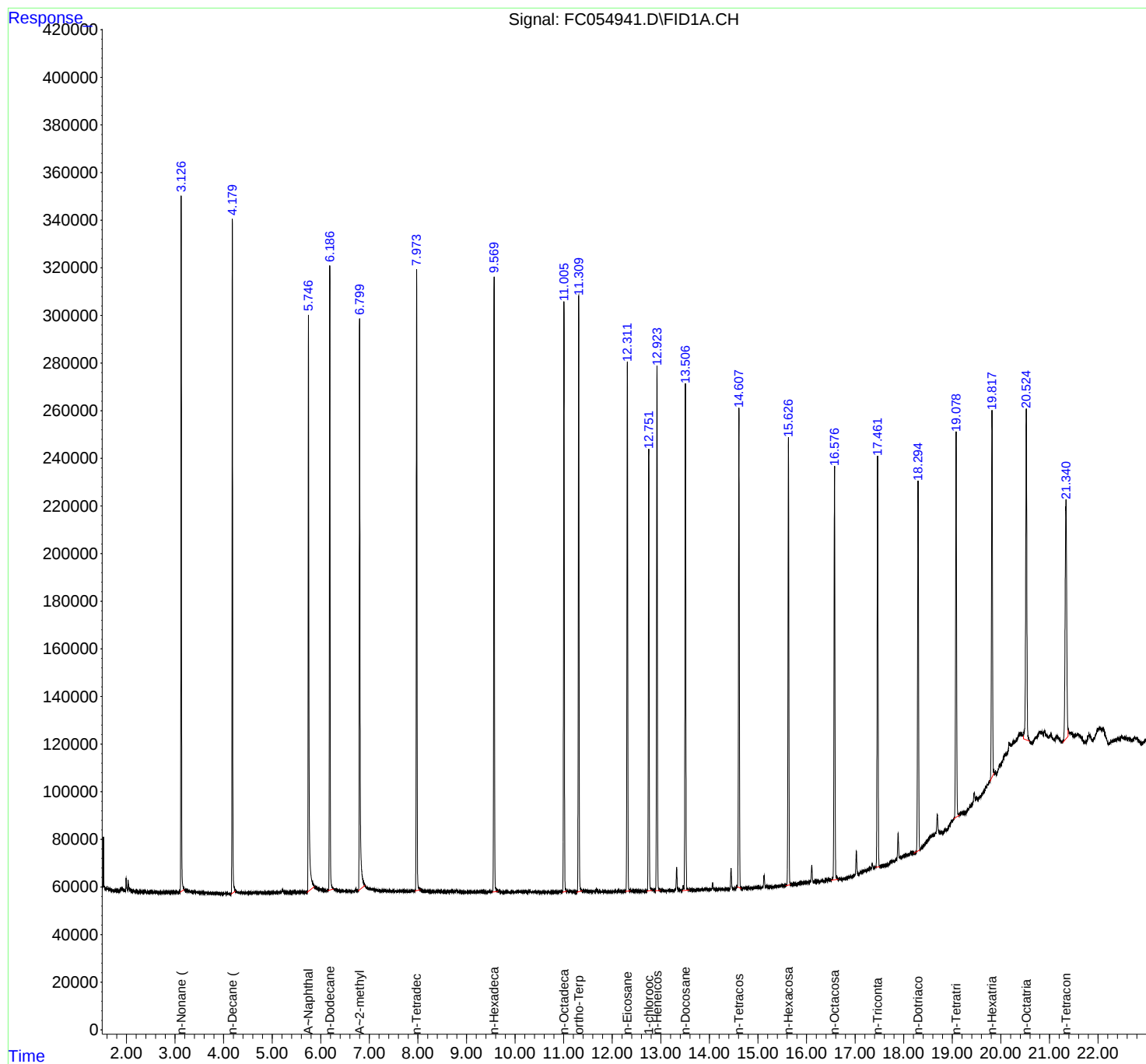
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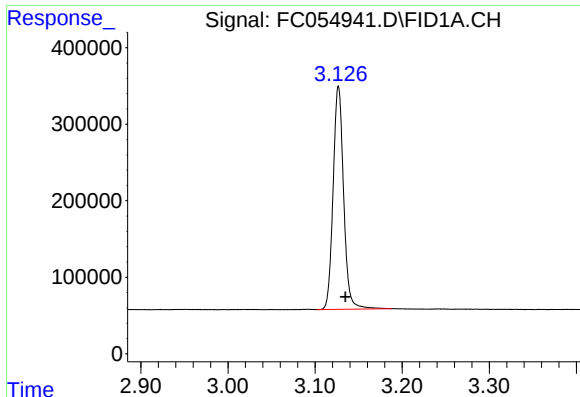
(m)=manual int.

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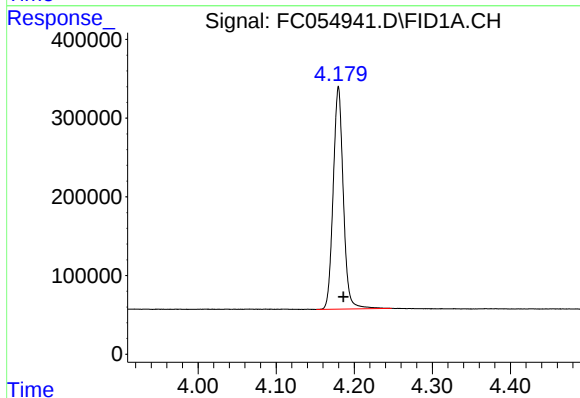
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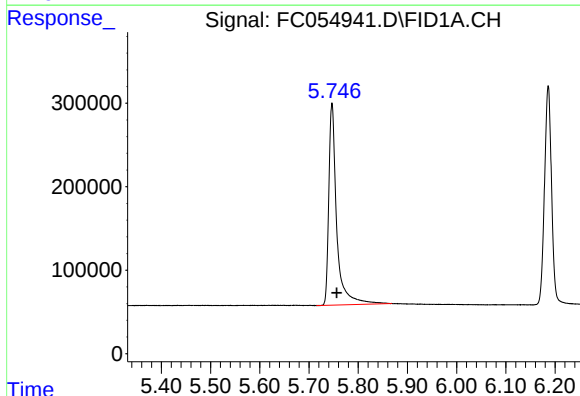
#1 n-Nonane (C9)

R.T.: 3.127 min
Delta R.T.: -0.008 min
Response: 2443206
Conc: 21.29 ug/ml



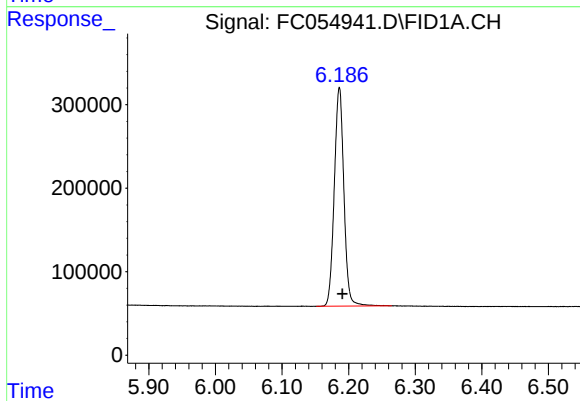
#2 n-Decane (C10)

R.T.: 4.180 min
Delta R.T.: -0.006 min
Response: 2540975
Conc: 21.86 ug/ml



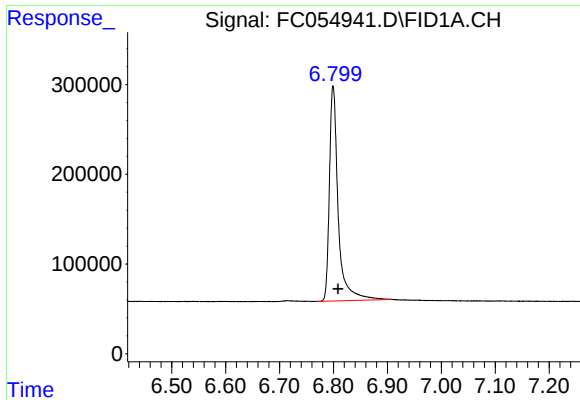
#3 A~Naphthalene (C11.7)

R.T.: 5.747 min
Delta R.T.: -0.009 min
Response: 2702044
Conc: 22.46 ug/ml



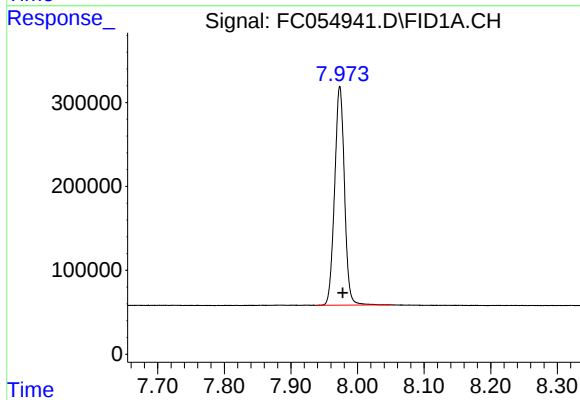
#4 n-Dodecane (C12)

R.T.: 6.186 min
Delta R.T.: -0.005 min
Response: 2627286
Conc: 21.98 ug/ml



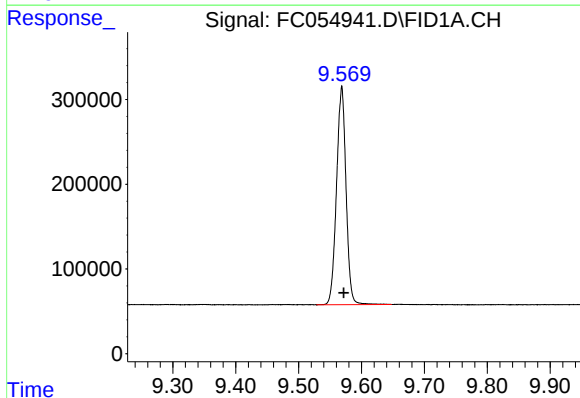
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.009 min
Response: 2724508
Conc: 22.31 ug/ml



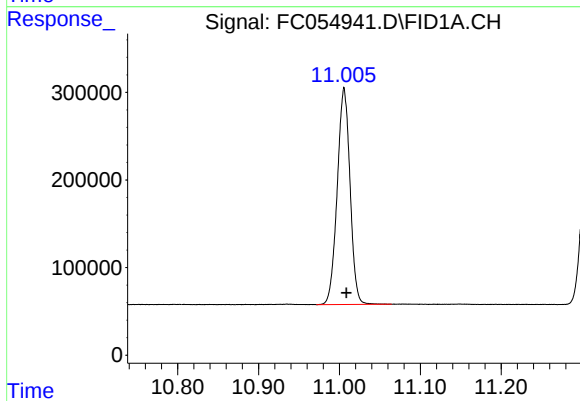
#6 n-Tetradecane (C14)

R.T.: 7.974 min
Delta R.T.: -0.004 min
Response: 2682440
Conc: 21.81 ug/ml



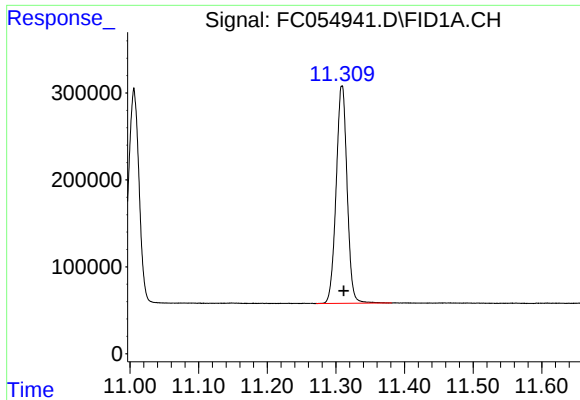
#7 n-Hexadecane (C16)

R.T.: 9.568 min
Delta R.T.: -0.004 min
Response: 2706412
Conc: 21.47 ug/ml



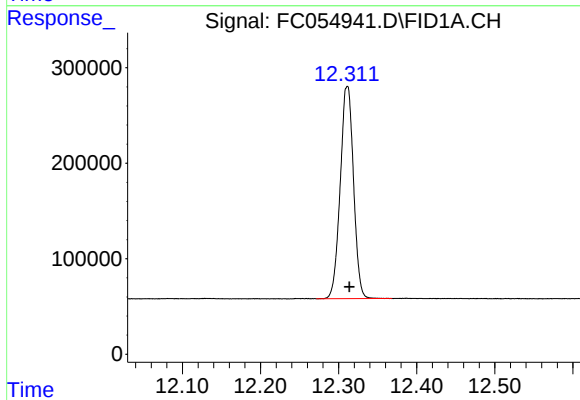
#8 n-Octadecane (C18)

R.T.: 11.006 min
Delta R.T.: -0.003 min
Response: 2715794
Conc: 20.72 ug/ml



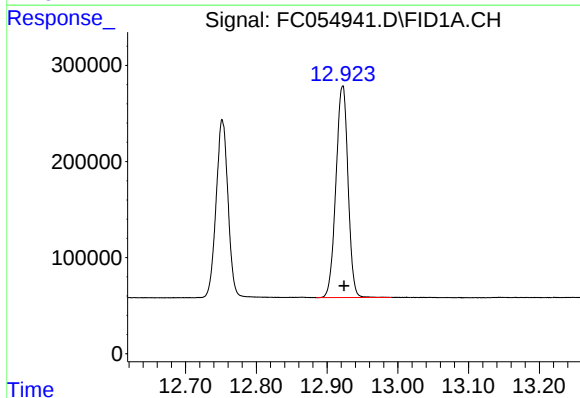
#9 ortho-Terphenyl (SURR)

R.T.: 11.309 min
Delta R.T.: -0.002 min
Response: 2770219
Conc: 19.92 ug/ml



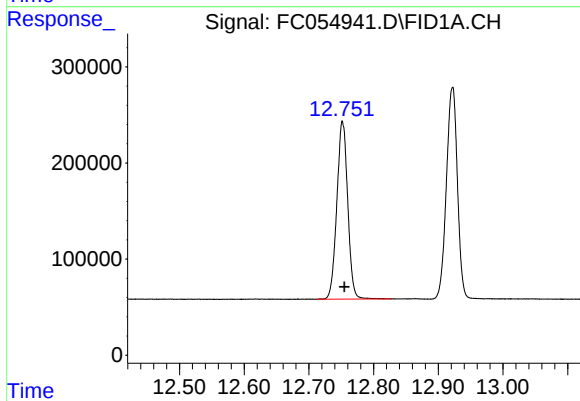
#10 n-Eicosane (C20)

R.T.: 12.311 min
Delta R.T.: -0.003 min
Response: 2630763
Conc: 19.97 ug/ml



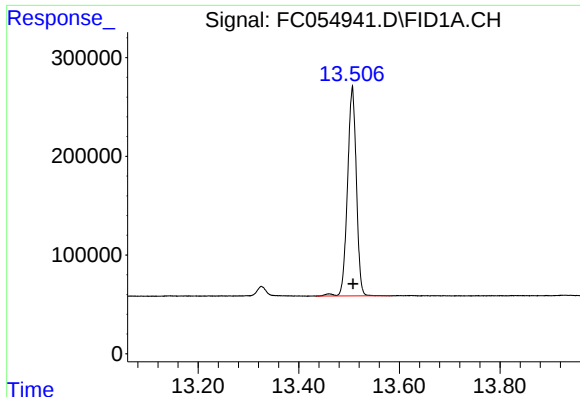
#11 n-Heneicosane (C21)

R.T.: 12.922 min
Delta R.T.: -0.002 min
Response: 2610459
Conc: 19.60 ug/ml



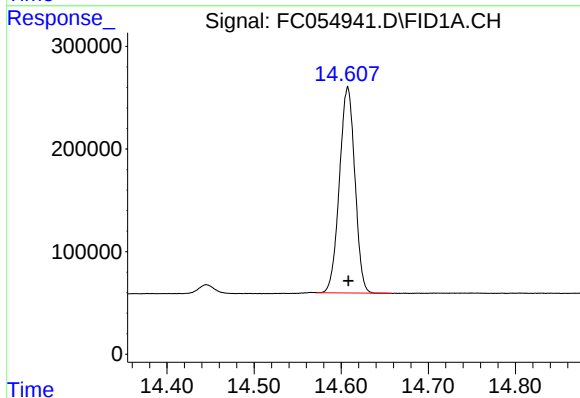
#12 1-chlorooctadecane (SURR)

R.T.: 12.752 min
Delta R.T.: -0.003 min
Response: 2165450
Conc: 19.48 ug/ml



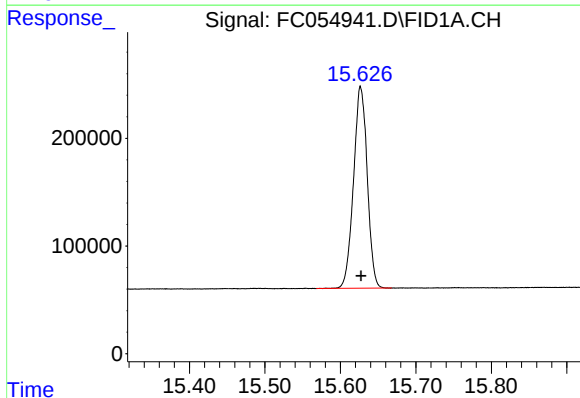
#13 n-Docosane (C22)

R.T.: 13.506 min
Delta R.T.: -0.002 min
Response: 2588371
Conc: 19.55 ug/ml



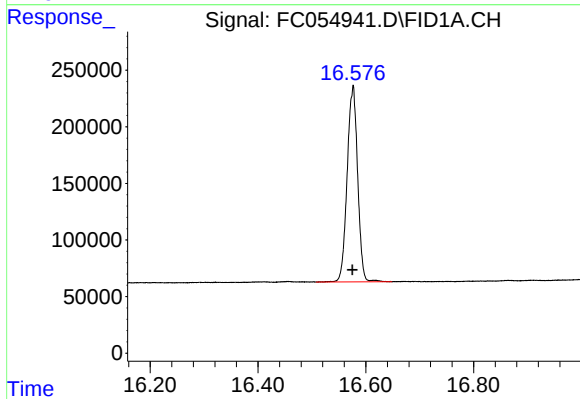
#14 n-Tetracosane (C24)

R.T.: 14.607 min
Delta R.T.: 0.000 min
Response: 2468822
Conc: 18.73 ug/ml



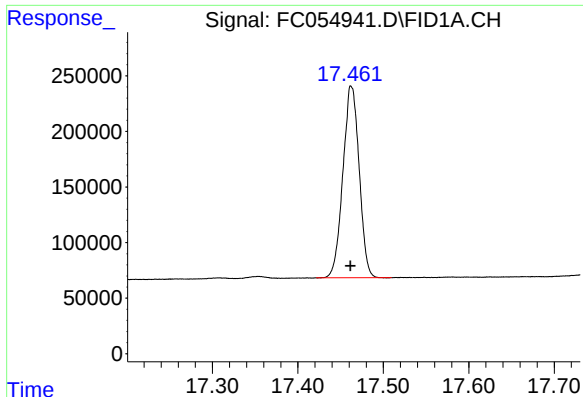
#15 n-Hexacosane (C26)

R.T.: 15.627 min
Delta R.T.: 0.000 min
Response: 2364828
Conc: 18.39 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.576 min
Delta R.T.: 0.000 min
Response: 2333378
Conc: 17.72 ug/ml



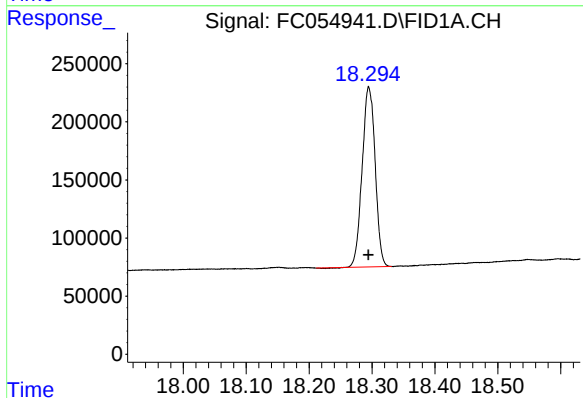
#17 n-Tricontane (C30)

R.T.: 17.463 min

Delta R.T.: 0.001 min

Response: 2278665

Conc: 16.01 ug/ml



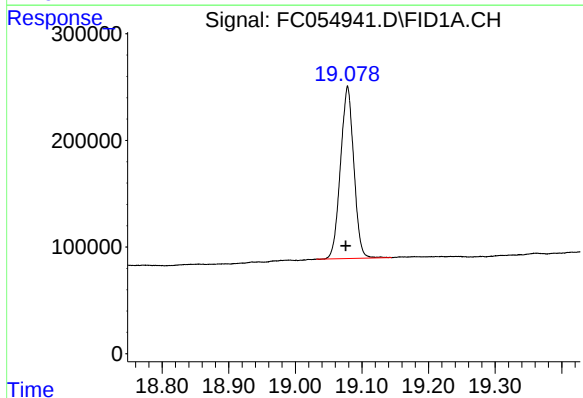
#18 n-Dotriacontane (C32)

R.T.: 18.295 min

Delta R.T.: 0.001 min

Response: 2224074

Conc: 17.97 ug/ml



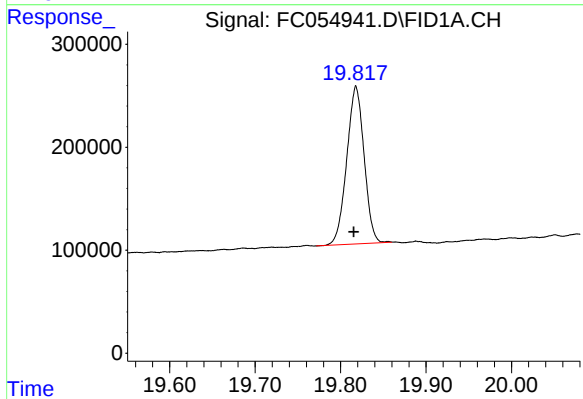
#19 n-Tetratriacontane (C34)

R.T.: 19.078 min

Delta R.T.: 0.003 min

Response: 2241624

Conc: 21.89 ug/ml



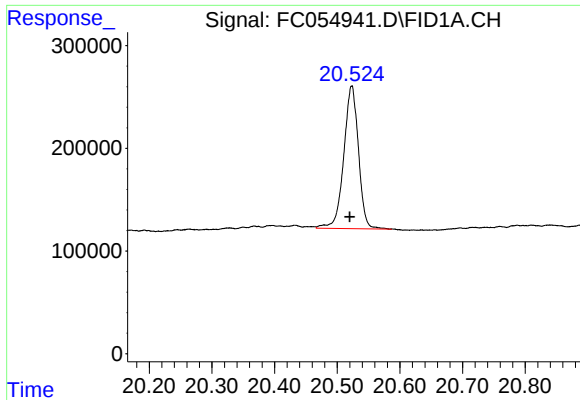
#20 n-Hexatriacontane (C36)

R.T.: 19.818 min

Delta R.T.: 0.003 min

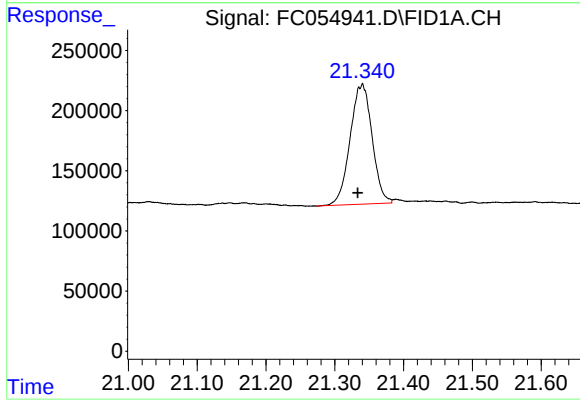
Response: 2166061

Conc: 22.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.524 min
Delta R.T.: 0.004 min
Response: 2268536
Conc: 24.36 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.340 min
Delta R.T.: 0.007 min
Response: 2214385
Conc: 22.82 ug/ml m