

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071221AL\
 Data File : FC054640.D
 Signal(s) : FID1A.CH
 Acq On : 12 Jul 2021 11:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 04:20:56 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)	11.324	2976248	21.023 ug/ml
Spiked Amount 50.000		Recovery =	42.05%
12) S 1-chlorooctadecane (S...	12.768	2330171	20.903 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
Target Compounds			
1) T n-Nonane (C9)	3.138	2552000	21.702 ug/ml
2) T n-Decane (C10)	4.193	2597098	21.872 ug/ml
3) T A~Naphthalene (C11.7)	5.759	2816802	21.425 ug/ml
4) T n-Dodecane (C12)	6.200	2658226	22.179 ug/ml
5) T A~2-methylnaphthalene...	6.812	2841447	21.523 ug/ml
6) T n-Tetradecane (C14)	7.988	2708629	22.231 ug/ml
7) T n-Hexadecane (C16)	9.583	2736335	21.968 ug/ml
8) T n-Octadecane (C18)	11.021	2794871	21.639 ug/ml
10) T n-Eicosane (C20)	12.327	2764129	21.243 ug/ml
11) T n-Heneicosane (C21)	12.937	2784819	20.975 ug/ml
13) T n-Docosane (C22)	13.521	2749319	20.753 ug/ml
14) T n-Tetracosane (C24)	14.622	2726412	20.140 ug/ml
15) T n-Hexacosane (C26)	15.642	2628568	19.398 ug/ml
16) T n-Octacosane (C28)	16.590	2580113	18.798 ug/ml
17) T n-Tricontane (C30)	17.476	2509473	18.118 ug/ml
18) T n-Dotriacontane (C32)	18.307	2417056	17.667 ug/ml
19) T n-Tetratriacontane (C34)	19.089	2375213	17.579 ug/ml
20) T n-Hexatriacontane (C36)	19.829	2263128	18.334 ug/ml
21) T n-Octatriacontane (C38)	20.532	2218387	19.611 ug/mlm
22) T n-Tetracontane (C40)	21.352	2261029	20.004 ug/ml

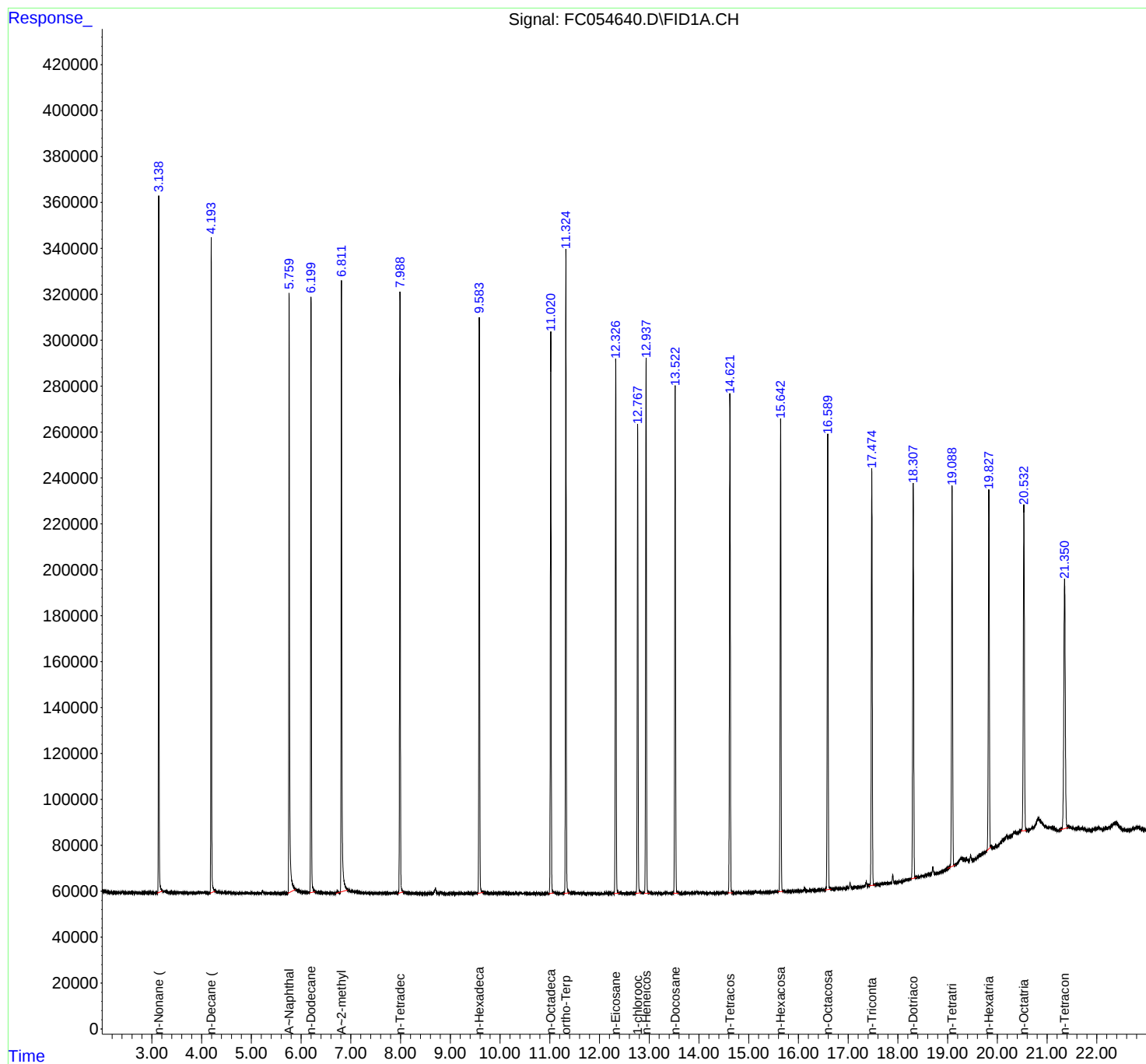
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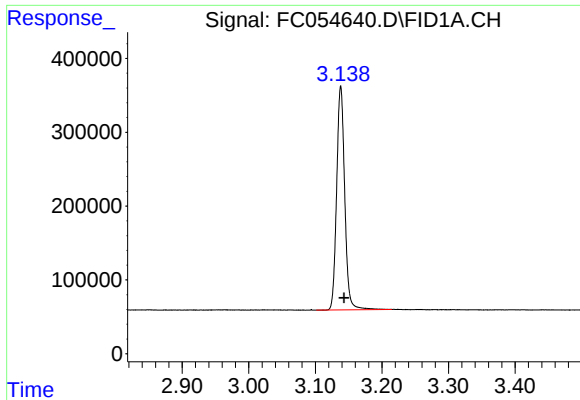
(m)=manual int.

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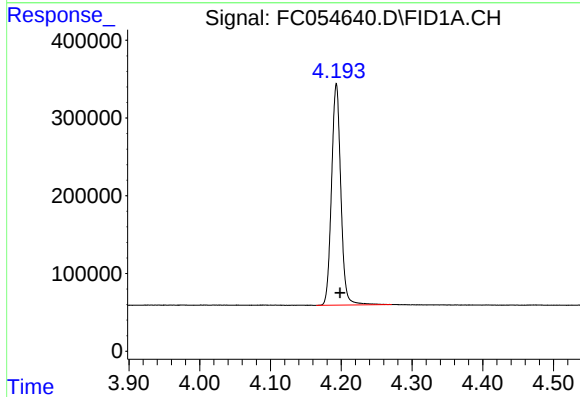
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





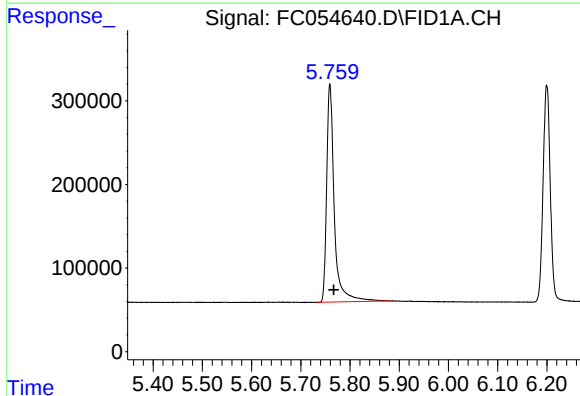
#1 n-Nonane (C9)

R.T.: 3.138 min
Delta R.T.: -0.005 min
Response: 2552000
Conc: 21.70 ug/ml



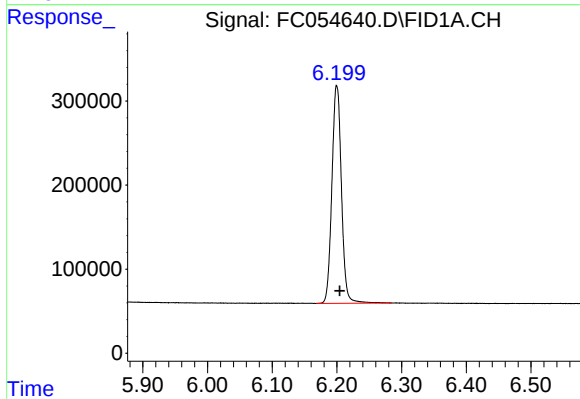
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: -0.005 min
Response: 2597098
Conc: 21.87 ug/ml



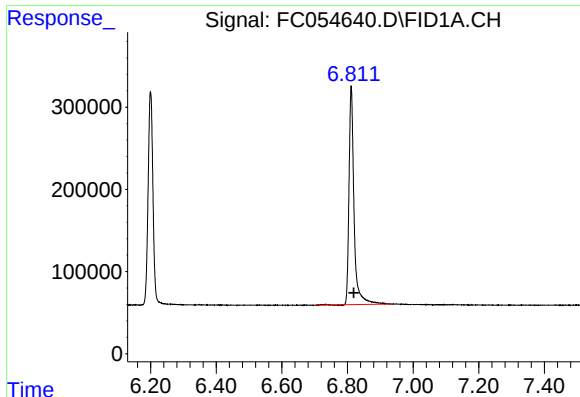
#3 A~Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: -0.008 min
Response: 2816802
Conc: 21.43 ug/ml



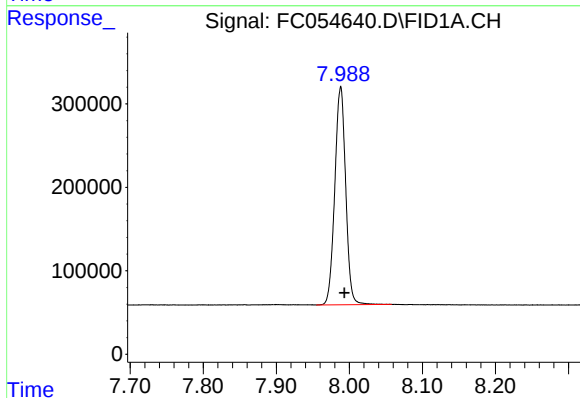
#4 n-Dodecane (C12)

R.T.: 6.200 min
Delta R.T.: -0.005 min
Response: 2658226
Conc: 22.18 ug/ml



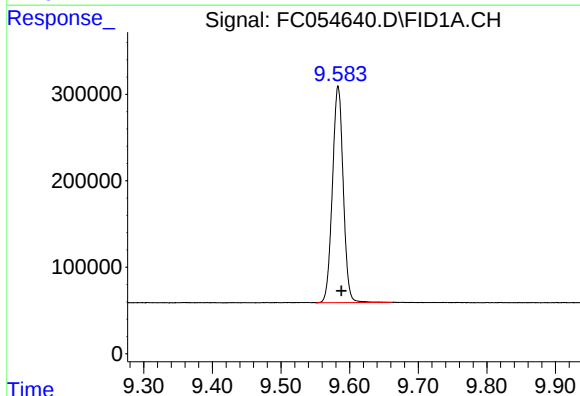
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.812 min
Delta R.T.: -0.008 min
Response: 2841447
Conc: 21.52 ug/ml



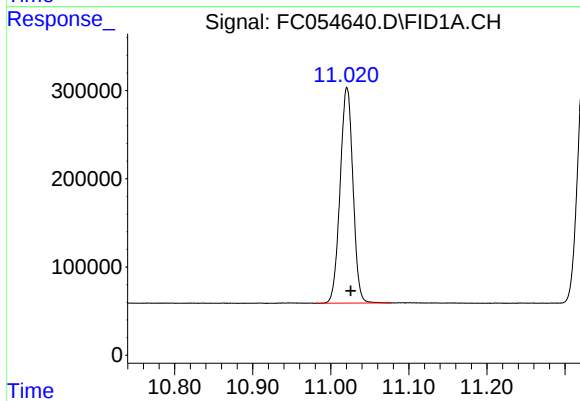
#6 n-Tetradecane (C14)

R.T.: 7.988 min
Delta R.T.: -0.005 min
Response: 2708629
Conc: 22.23 ug/ml



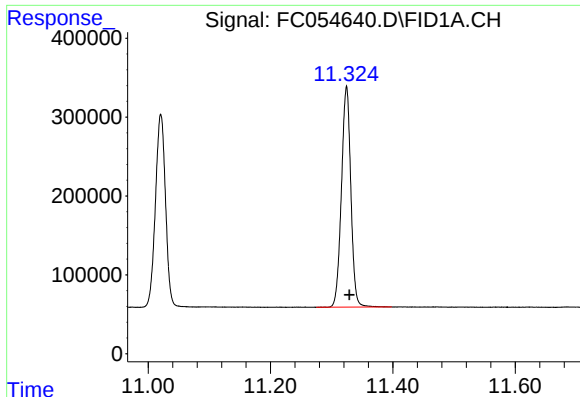
#7 n-Hexadecane (C16)

R.T.: 9.583 min
Delta R.T.: -0.005 min
Response: 2736335
Conc: 21.97 ug/ml



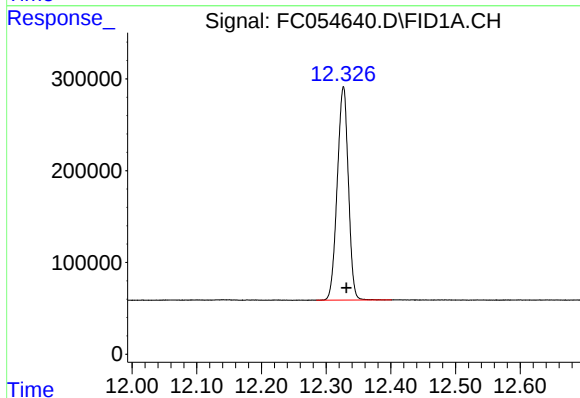
#8 n-Octadecane (C18)

R.T.: 11.021 min
Delta R.T.: -0.005 min
Response: 2794871
Conc: 21.64 ug/ml



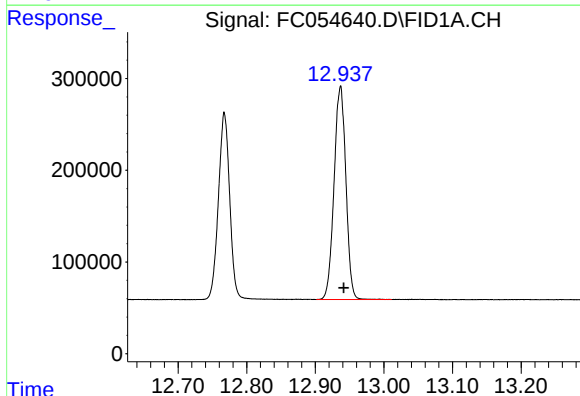
#9 ortho-Terphenyl (SURR)

R.T.: 11.324 min
Delta R.T.: -0.005 min
Response: 2976248
Conc: 21.02 ug/ml



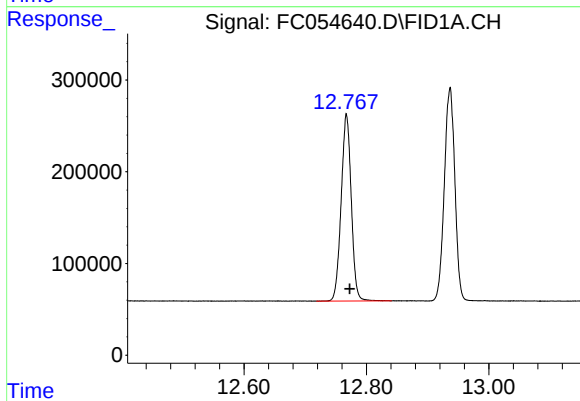
#10 n-Eicosane (C20)

R.T.: 12.327 min
Delta R.T.: -0.005 min
Response: 2764129
Conc: 21.24 ug/ml



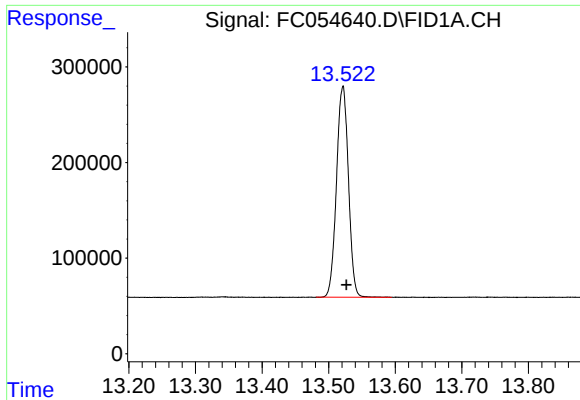
#11 n-Heneicosane (C21)

R.T.: 12.937 min
Delta R.T.: -0.005 min
Response: 2784819
Conc: 20.97 ug/ml



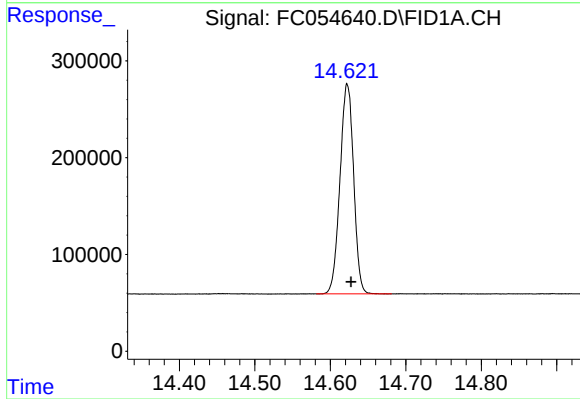
#12 1-chlorooctadecane (SURR)

R.T.: 12.768 min
Delta R.T.: -0.005 min
Response: 2330171
Conc: 20.90 ug/ml



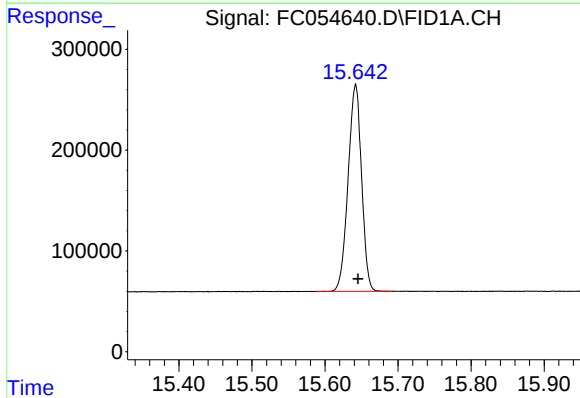
#13 n-Docosane (C22)

R.T.: 13.521 min
Delta R.T.: -0.006 min
Response: 2749319
Conc: 20.75 ug/ml



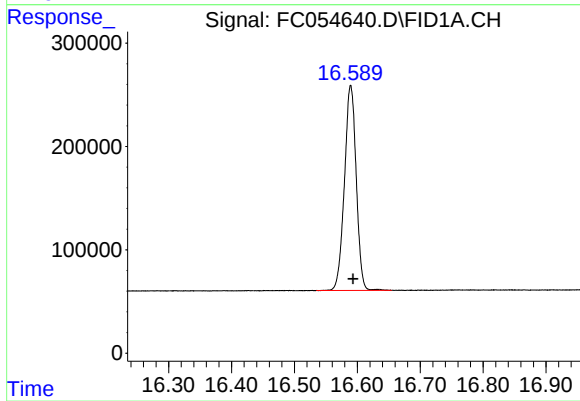
#14 n-Tetracosane (C24)

R.T.: 14.622 min
Delta R.T.: -0.005 min
Response: 2726412
Conc: 20.14 ug/ml



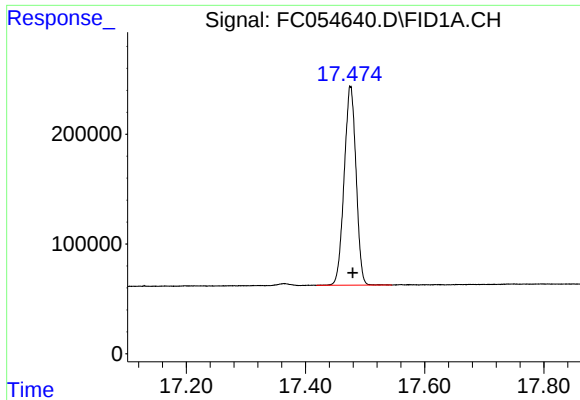
#15 n-Hexacosane (C26)

R.T.: 15.642 min
Delta R.T.: -0.004 min
Response: 2628568
Conc: 19.40 ug/ml



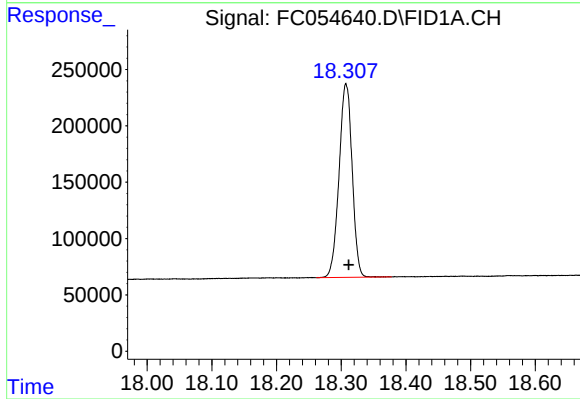
#16 n-Octacosane (C28)

R.T.: 16.590 min
Delta R.T.: -0.004 min
Response: 2580113
Conc: 18.80 ug/ml



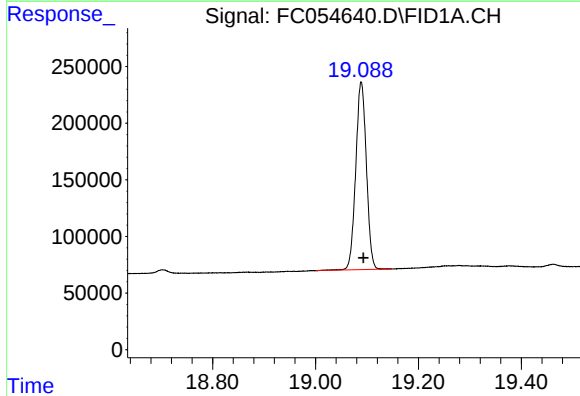
#17 n-Tricontane (C30)

R.T.: 17.476 min
Delta R.T.: -0.003 min
Response: 2509473
Conc: 18.12 ug/ml



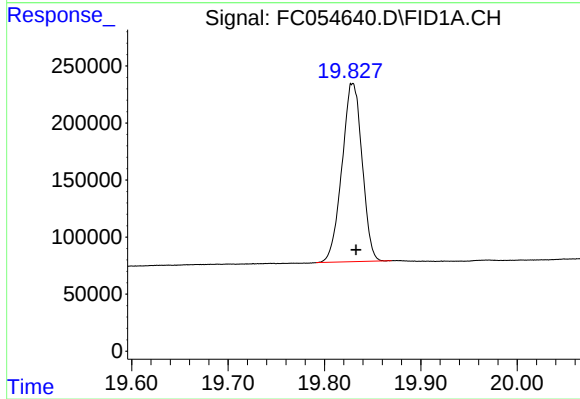
#18 n-Dotriacontane (C32)

R.T.: 18.307 min
Delta R.T.: -0.004 min
Response: 2417056
Conc: 17.67 ug/ml



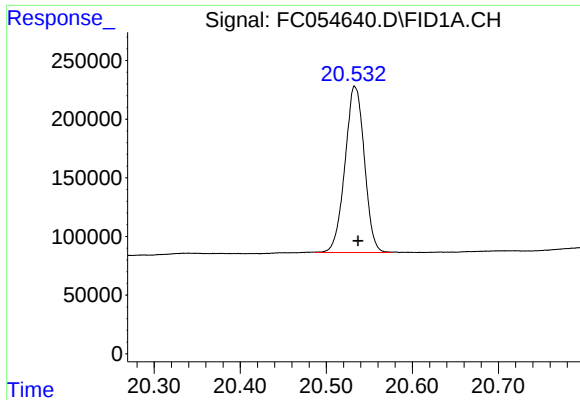
#19 n-Tetratriacontane (C34)

R.T.: 19.089 min
Delta R.T.: -0.004 min
Response: 2375213
Conc: 17.58 ug/ml



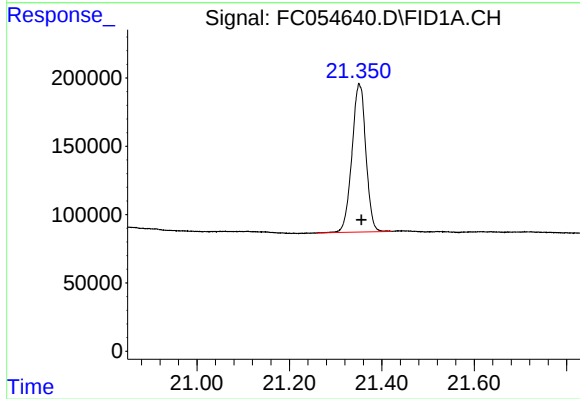
#20 n-Hexatriacontane (C36)

R.T.: 19.829 min
Delta R.T.: -0.003 min
Response: 2263128
Conc: 18.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.532 min
Delta R.T.: -0.005 min
Response: 2218387
Conc: 19.61 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.352 min
Delta R.T.: -0.005 min
Response: 2261029
Conc: 20.00 ug/ml