

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071221AL\
 Data File : FC054653.D
 Signal(s) : FID1A.CH
 Acq On : 12 Jul 2021 22:17
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 13 04:22:48 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)	11.325	2993222	21.143 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
12) S 1-chlorooctadecane (S...	12.768	2371137	21.271 ug/ml
Spiked Amount 50.000		Recovery =	42.54%
Target Compounds			
1) T n-Nonane (C9)	3.139	2613867	22.228 ug/ml
2) T n-Decane (C10)	4.194	2653900	22.350 ug/ml
3) T A~Naphthalene (C11.7)	5.760	2910144	22.135 ug/ml
4) T n-Dodecane (C12)	6.200	2692060	22.461 ug/ml
5) T A~2-methylnaphthalene...	6.812	2929881	22.193 ug/ml
6) T n-Tetradecane (C14)	7.988	2743904	22.521 ug/ml
7) T n-Hexadecane (C16)	9.584	2765378	22.201 ug/ml
8) T n-Octadecane (C18)	11.021	2833452	21.938 ug/ml
10) T n-Eicosane (C20)	12.327	2783549	21.392 ug/ml
11) T n-Heneicosane (C21)	12.937	2805243	21.129 ug/ml
13) T n-Docosane (C22)	13.522	2765925	20.878 ug/ml
14) T n-Tetracosane (C24)	14.623	2738301	20.228 ug/ml
15) T n-Hexacosane (C26)	15.642	2651600	19.568 ug/ml
16) T n-Octacosane (C28)	16.590	2611505	19.026 ug/ml
17) T n-Tricontane (C30)	17.476	2538750	18.330 ug/ml
18) T n-Dotriacontane (C32)	18.308	2452965	17.929 ug/ml
19) T n-Tetratriacontane (C34)	19.091	2389124	17.682 ug/ml
20) T n-Hexatriacontane (C36)	19.829	2301844	18.648 ug/ml
21) T n-Octatriacontane (C38)	20.535	2282022	20.174 ug/ml
22) T n-Tetracontane (C40)	21.355	2310385	20.441 ug/ml

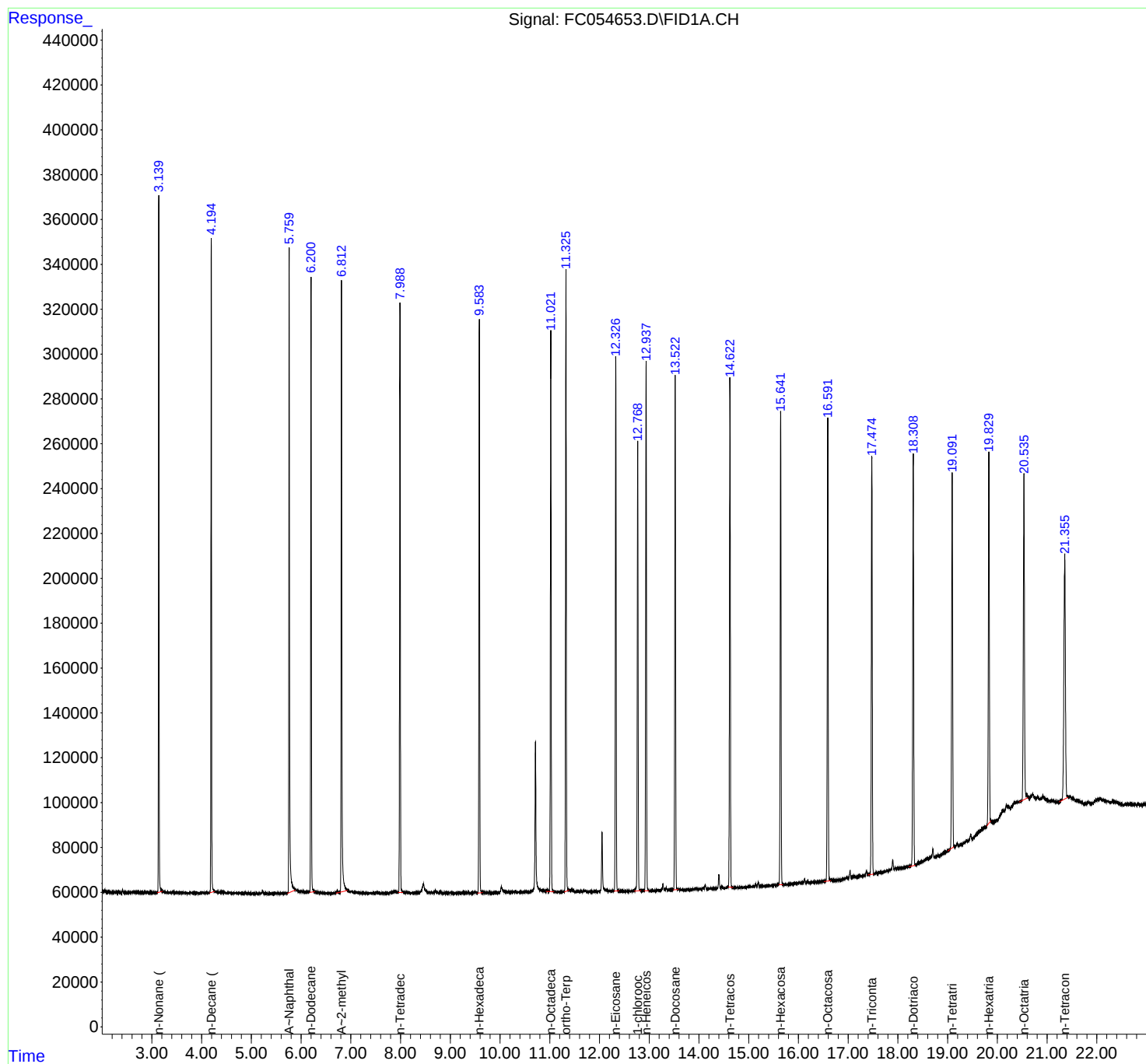
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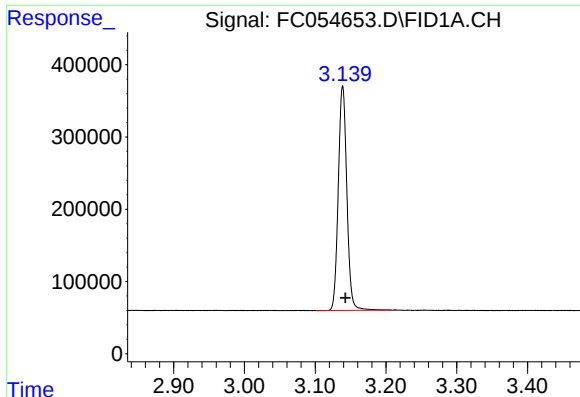
(m)=manual int.

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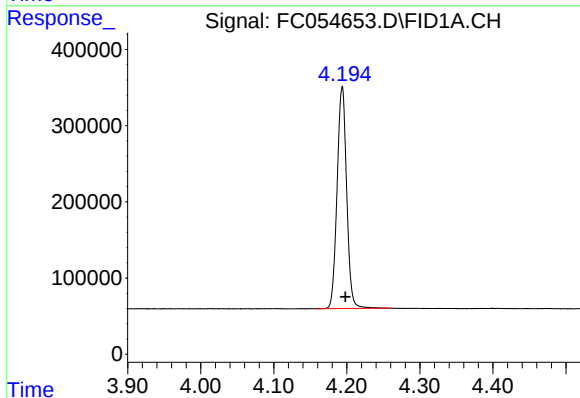
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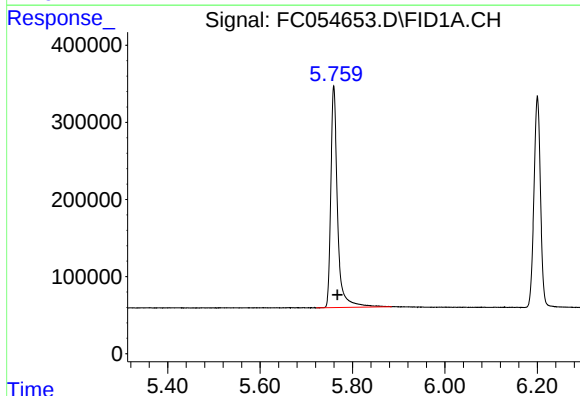
#1 n-Nonane (C9)

R.T.: 3.139 min
Delta R.T.: -0.004 min
Response: 2613867
Conc: 22.23 ug/ml



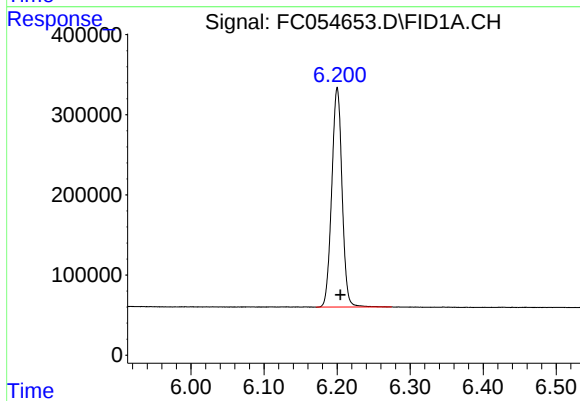
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: -0.005 min
Response: 2653900
Conc: 22.35 ug/ml



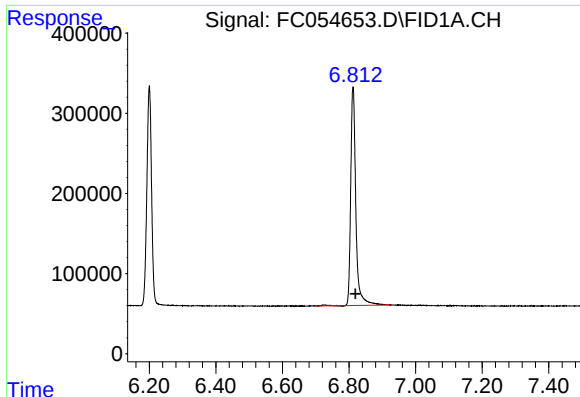
#3 A~Naphthalene (C11.7)

R.T.: 5.760 min
Delta R.T.: -0.008 min
Response: 2910144
Conc: 22.14 ug/ml



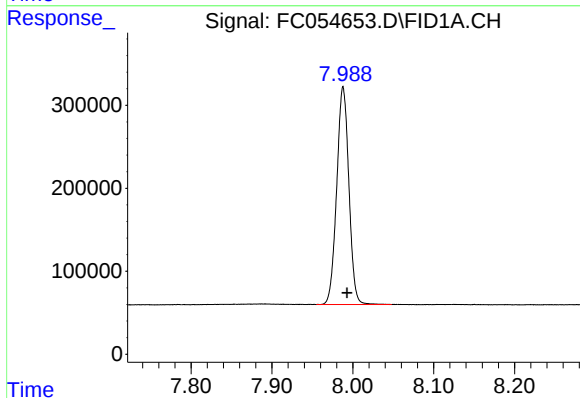
#4 n-Dodecane (C12)

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 2692060
Conc: 22.46 ug/ml



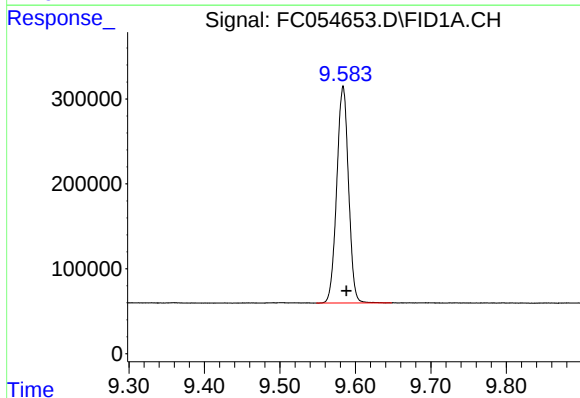
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.812 min
Delta R.T.: -0.007 min
Response: 2929881
Conc: 22.19 ug/ml



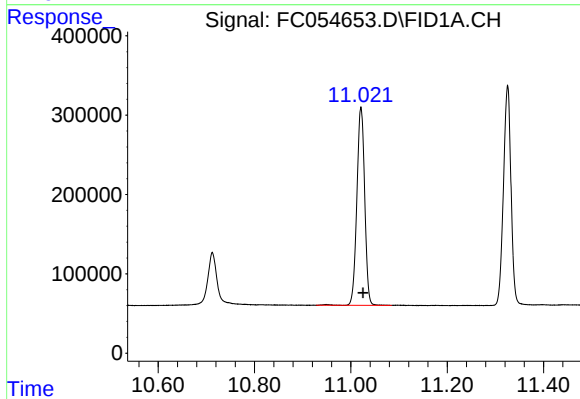
#6 n-Tetradecane (C14)

R.T.: 7.988 min
Delta R.T.: -0.005 min
Response: 2743904
Conc: 22.52 ug/ml



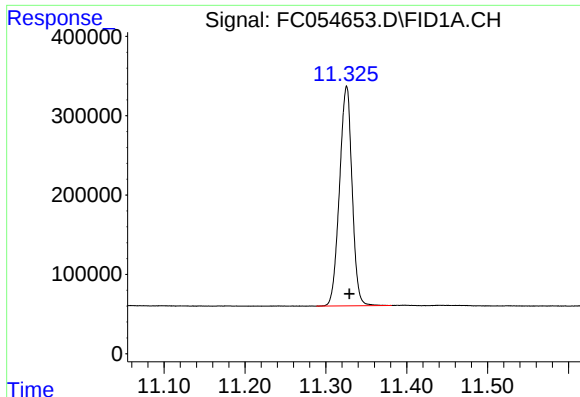
#7 n-Hexadecane (C16)

R.T.: 9.584 min
Delta R.T.: -0.005 min
Response: 2765378
Conc: 22.20 ug/ml



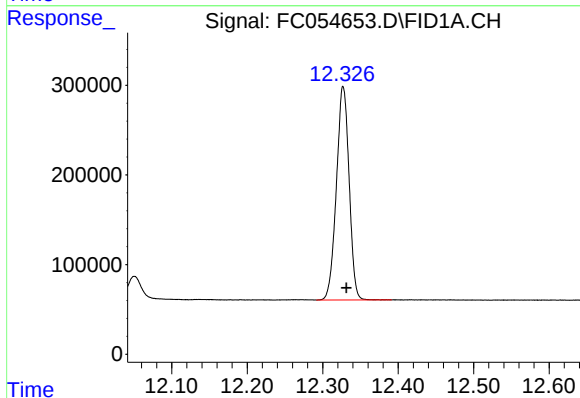
#8 n-Octadecane (C18)

R.T.: 11.021 min
Delta R.T.: -0.004 min
Response: 2833452
Conc: 21.94 ug/ml



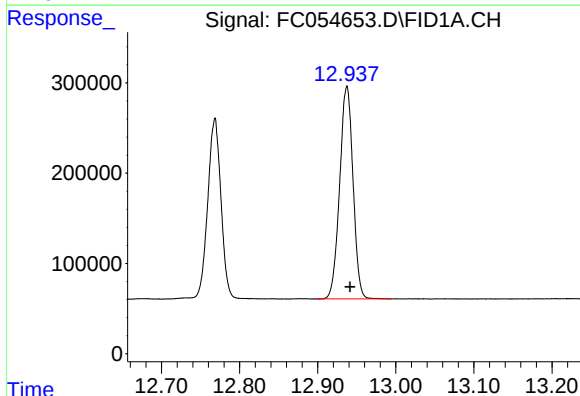
#9 ortho-Terphenyl (SURR)

R.T.: 11.325 min
Delta R.T.: -0.004 min
Response: 2993222
Conc: 21.14 ug/ml



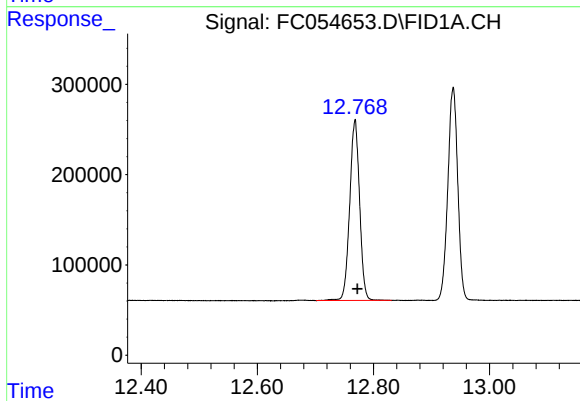
#10 n-Eicosane (C20)

R.T.: 12.327 min
Delta R.T.: -0.004 min
Response: 2783549
Conc: 21.39 ug/ml



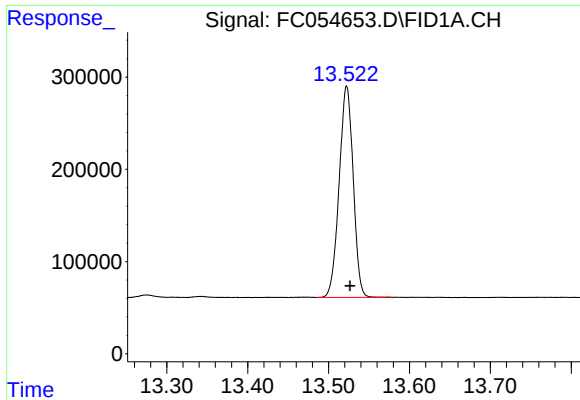
#11 n-Heneicosane (C21)

R.T.: 12.937 min
Delta R.T.: -0.004 min
Response: 2805243
Conc: 21.13 ug/ml



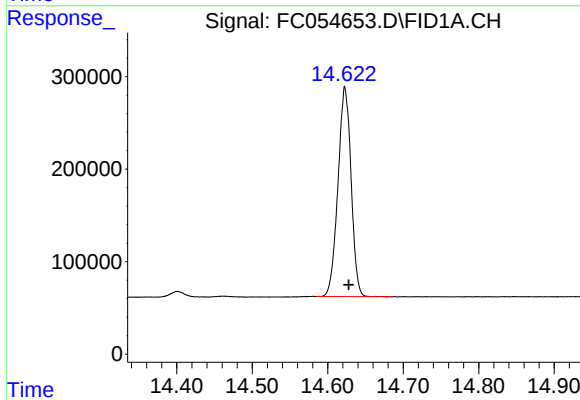
#12 1-chlorooctadecane (SURR)

R.T.: 12.768 min
Delta R.T.: -0.005 min
Response: 2371137
Conc: 21.27 ug/ml



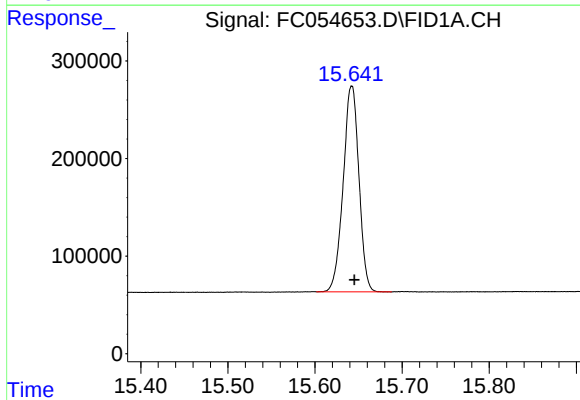
#13 n-Docosane (C22)

R.T.: 13.522 min
Delta R.T.: -0.004 min
Response: 2765925
Conc: 20.88 ug/ml



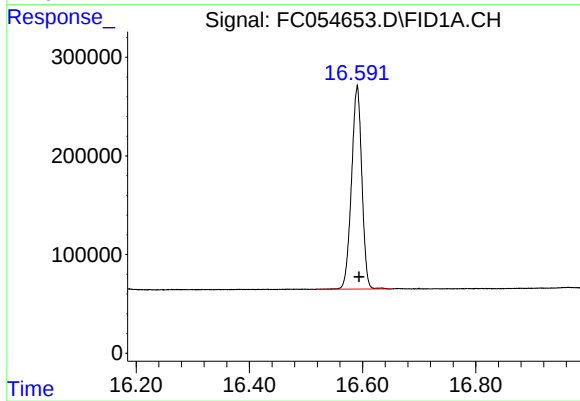
#14 n-Tetracosane (C24)

R.T.: 14.623 min
Delta R.T.: -0.005 min
Response: 2738301
Conc: 20.23 ug/ml



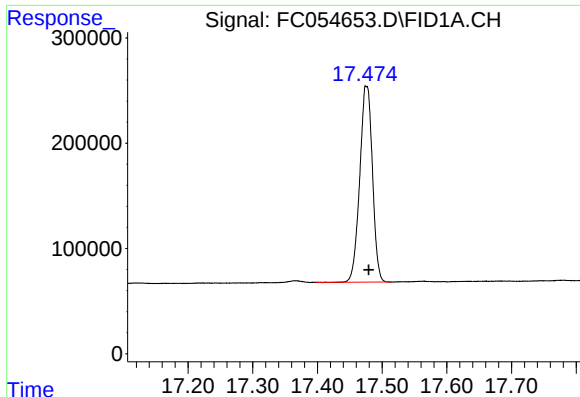
#15 n-Hexacosane (C26)

R.T.: 15.642 min
Delta R.T.: -0.003 min
Response: 2651600
Conc: 19.57 ug/ml



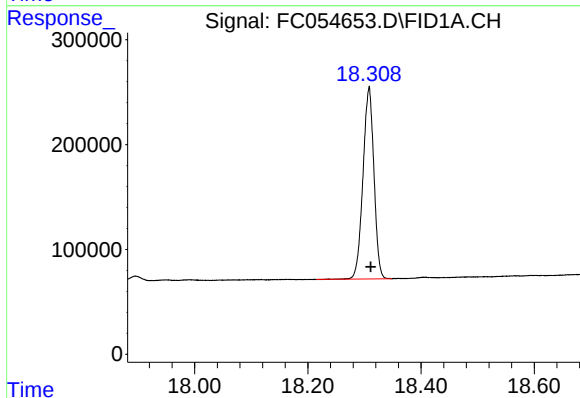
#16 n-Octacosane (C28)

R.T.: 16.590 min
Delta R.T.: -0.003 min
Response: 2611505
Conc: 19.03 ug/ml



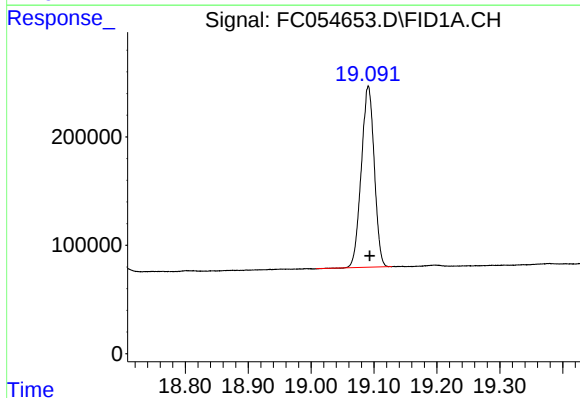
#17 n-Tricontane (C30)

R.T.: 17.476 min
Delta R.T.: -0.003 min
Response: 2538750
Conc: 18.33 ug/ml



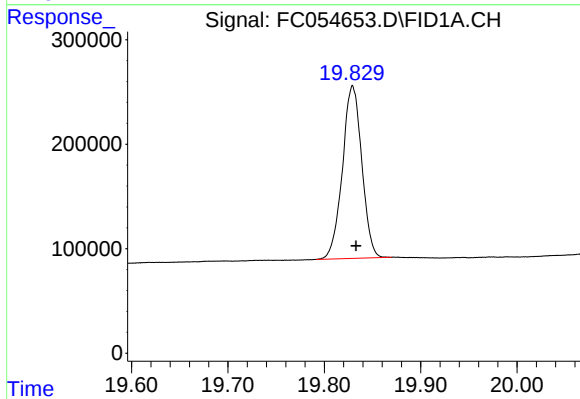
#18 n-Dotriacontane (C32)

R.T.: 18.308 min
Delta R.T.: -0.004 min
Response: 2452965
Conc: 17.93 ug/ml



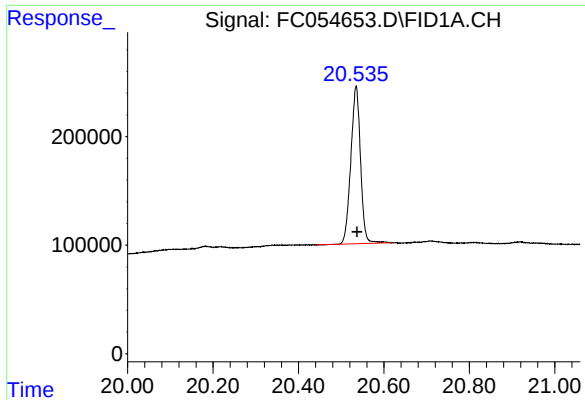
#19 n-Tetratriacontane (C34)

R.T.: 19.091 min
Delta R.T.: -0.002 min
Response: 2389124
Conc: 17.68 ug/ml



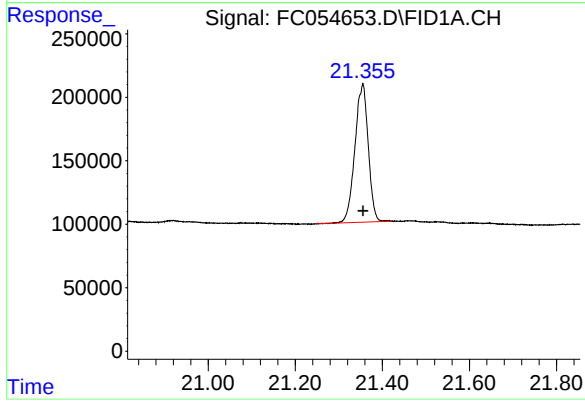
#20 n-Hexatriacontane (C36)

R.T.: 19.829 min
Delta R.T.: -0.004 min
Response: 2301844
Conc: 18.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.535 min
Delta R.T.: -0.002 min
Response: 2282022
Conc: 20.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.355 min
Delta R.T.: -0.001 min
Response: 2310385
Conc: 20.44 ug/ml