

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC022421AL\
 Data File : FC052137.D
 Signal(s) : FID1A.CH
 Acq On : 24 Feb 2021 12:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 00:07:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 09:35:39 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)	11.698	2595167	21.381 ug/ml
Spiked Amount 50.000		Recovery =	42.76%
12) S 1-chlorooctadecane (S...	13.129	2069837	21.080 ug/ml
Spiked Amount 50.000		Recovery =	42.16%
Target Compounds			
1) T n-Nonane (C9)	3.449	2305710	21.820 ug/ml
2) T n-Decane (C10)	4.519	2348617	22.040 ug/ml
3) T A~Naphthalene (C11.7)	6.113	2656847	22.215 ug/ml
4) T n-Dodecane (C12)	6.538	2410099	22.288 ug/ml
5) T A~2-methylnaphthalene...	7.170	2724089	22.324 ug/ml
6) T n-Tetradecane (C14)	8.333	2439709	22.465 ug/ml
7) T n-Hexadecane (C16)	9.933	2407497	22.308 ug/ml
8) T n-Octadecane (C18)	11.375	2488828	22.014 ug/ml
10) T n-Eicosane (C20)	12.684	2474122	21.543 ug/ml
11) T n-Heneicosane (C21)	13.295	2440468	21.176 ug/ml
13) T n-Docosane (C22)	13.881	2410417	20.796 ug/ml
14) T n-Tetracosane (C24)	14.984	2384131	20.360 ug/ml
15) T n-Hexacosane (C26)	16.004	2294827	19.628 ug/ml
16) T n-Octacosane (C28)	16.954	2206095	18.758 ug/ml
17) T n-Tricontane (C30)	17.841	2133376	18.049 ug/ml
18) T n-Dotriacontane (C32)	18.674	2037673	17.376 ug/ml
19) T n-Tetratriacontane (C34)	19.458	1965278	16.968 ug/ml
20) T n-Hexatriacontane (C36)	20.198	1889728	16.985 ug/ml
21) T n-Octatriacontane (C38)	20.956	1802403	17.599 ug/ml
22) T n-Tetracontane (C40)	21.907	1880184	18.240 ug/ml

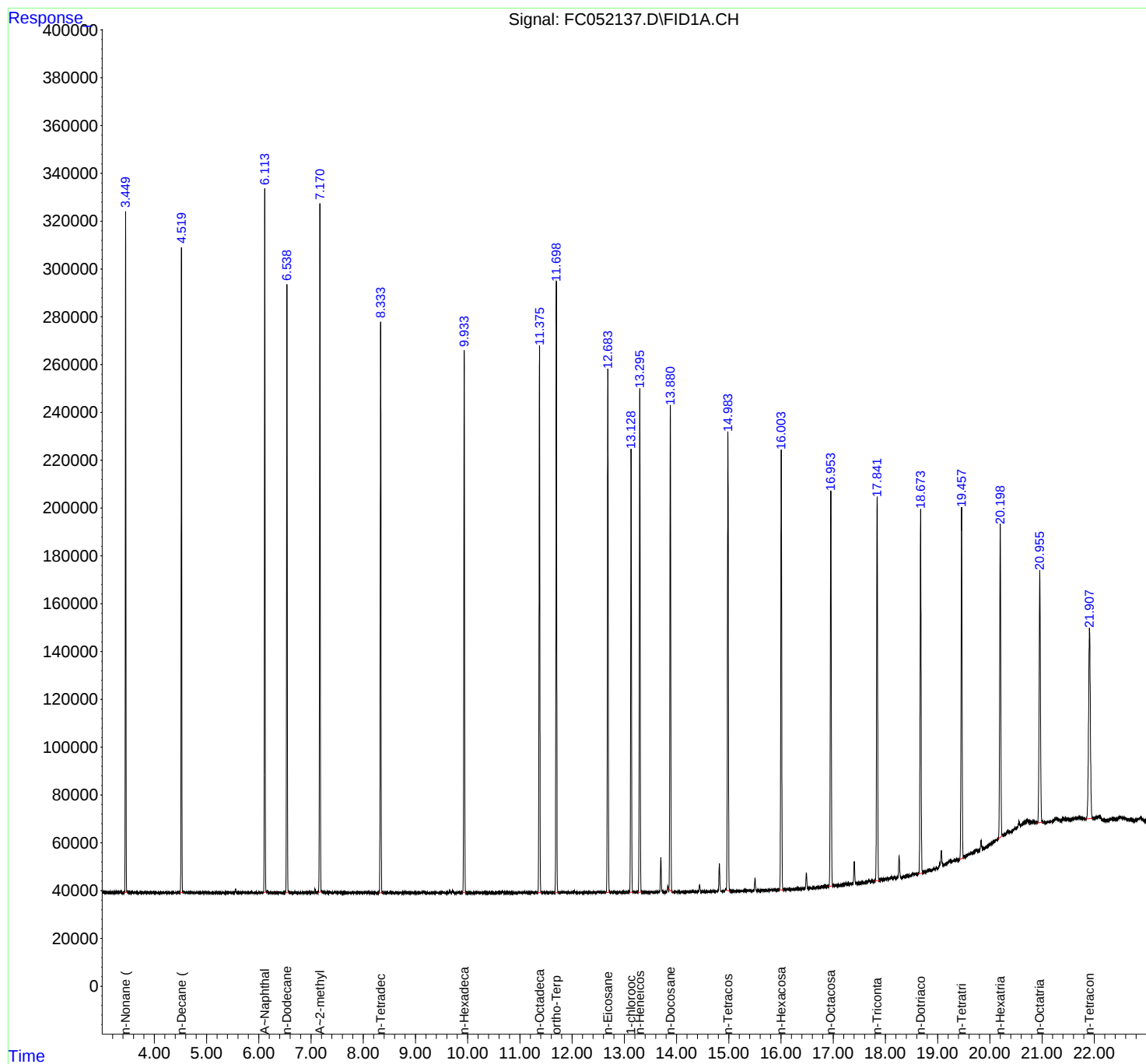
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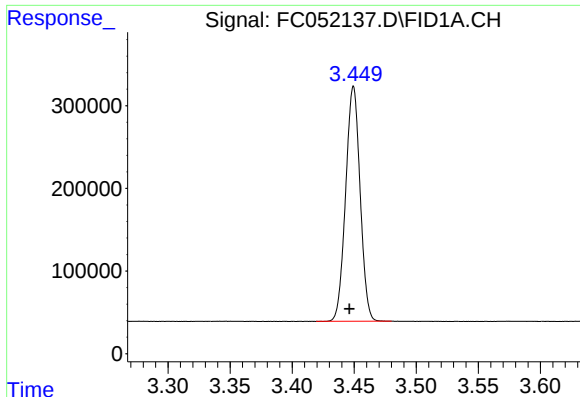
(m)=manual int.

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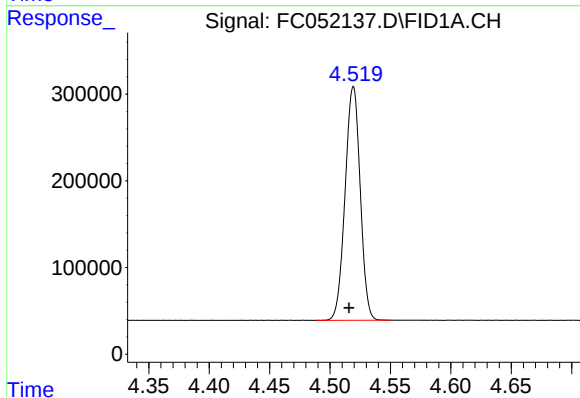
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Signal Info : 20M x 0.18mm x 0.18um





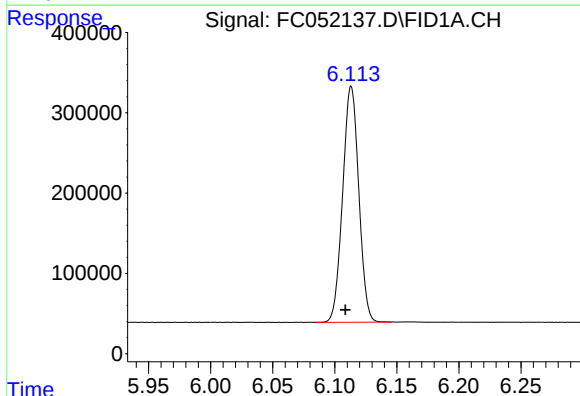
#1 n-Nonane (C9)

R.T.: 3.449 min
Delta R.T.: 0.003 min
Response: 2305710
Conc: 21.82 ug/ml



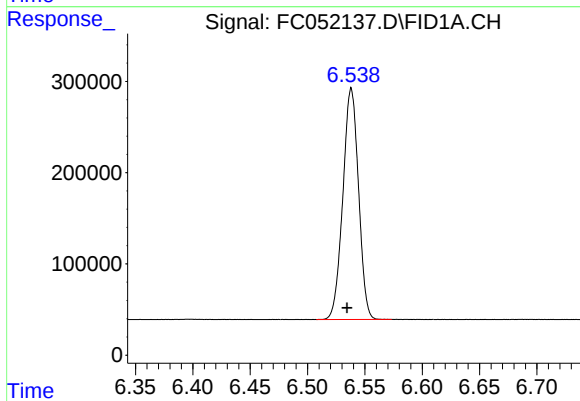
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.004 min
Response: 2348617
Conc: 22.04 ug/ml



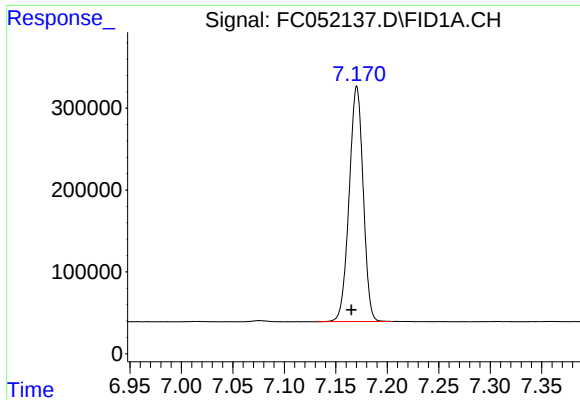
#3 A~Naphthalene (C11.7)

R.T.: 6.113 min
Delta R.T.: 0.005 min
Response: 2656847
Conc: 22.22 ug/ml



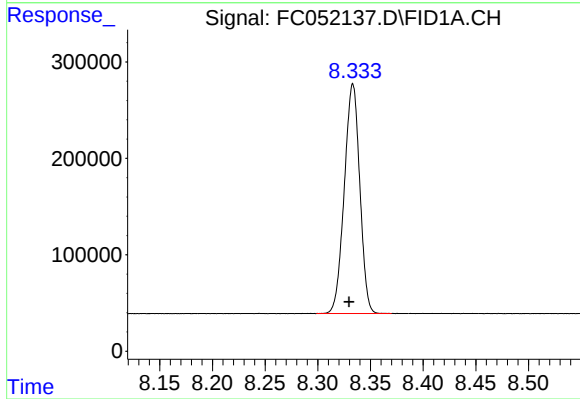
#4 n-Dodecane (C12)

R.T.: 6.538 min
Delta R.T.: 0.004 min
Response: 2410099
Conc: 22.29 ug/ml



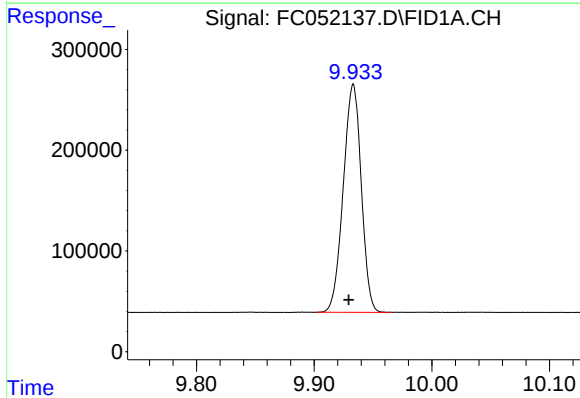
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.170 min
Delta R.T.: 0.005 min
Response: 2724089
Conc: 22.32 ug/ml



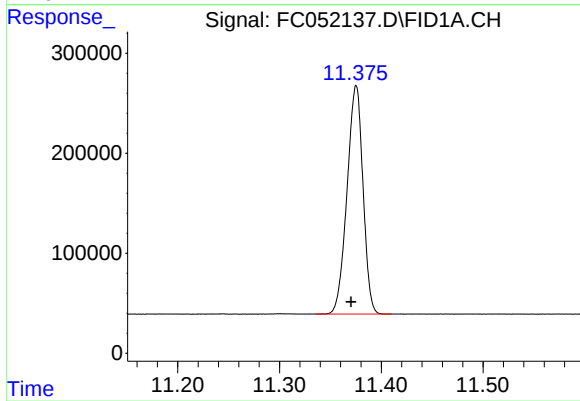
#6 n-Tetradecane (C14)

R.T.: 8.333 min
Delta R.T.: 0.004 min
Response: 2439709
Conc: 22.47 ug/ml



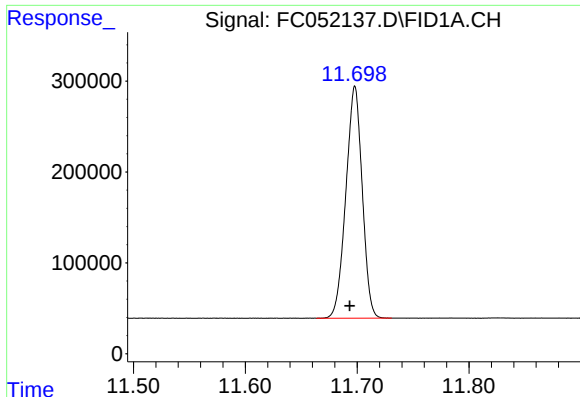
#7 n-Hexadecane (C16)

R.T.: 9.933 min
Delta R.T.: 0.004 min
Response: 2407497
Conc: 22.31 ug/ml



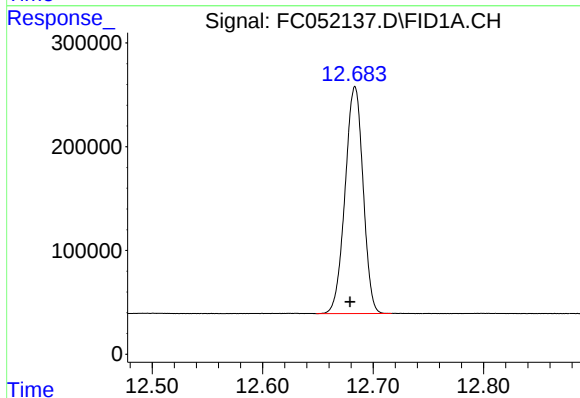
#8 n-Octadecane (C18)

R.T.: 11.375 min
Delta R.T.: 0.005 min
Response: 2488828
Conc: 22.01 ug/ml



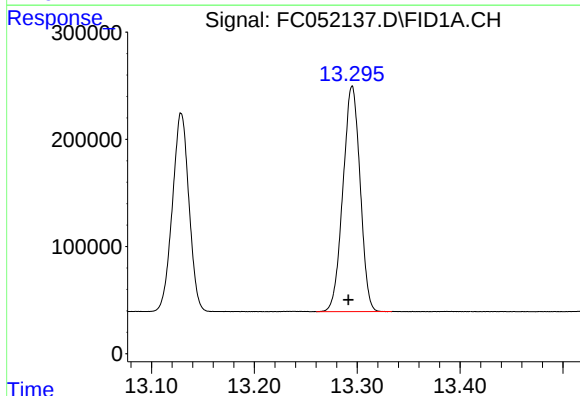
#9 ortho-Terphenyl (SURR)

R.T.: 11.698 min
Delta R.T.: 0.005 min
Response: 2595167
Conc: 21.38 ug/ml



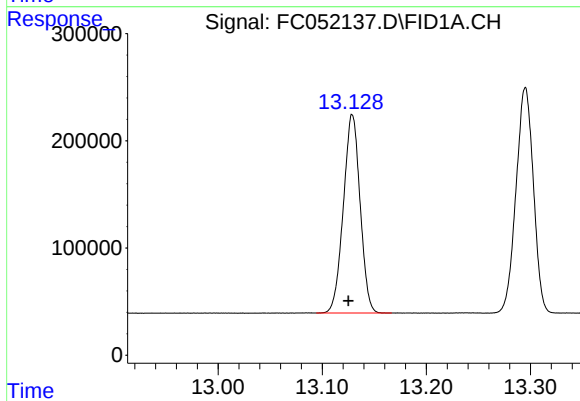
#10 n-Eicosane (C20)

R.T.: 12.684 min
Delta R.T.: 0.005 min
Response: 2474122
Conc: 21.54 ug/ml



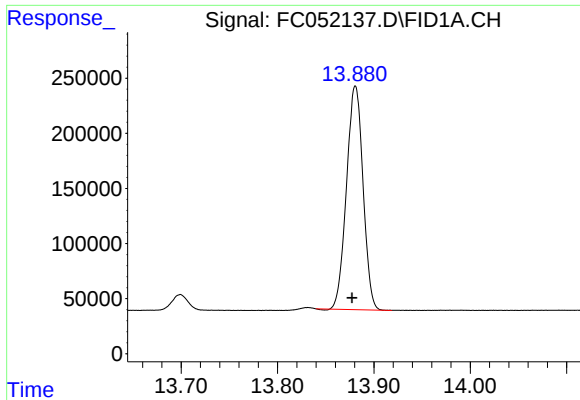
#11 n-Heneicosane (C21)

R.T.: 13.295 min
Delta R.T.: 0.004 min
Response: 2440468
Conc: 21.18 ug/ml



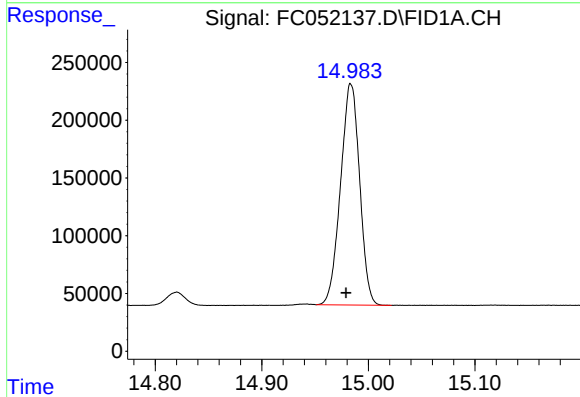
#12 1-chlorooctadecane (SURR)

R.T.: 13.129 min
Delta R.T.: 0.004 min
Response: 2069837
Conc: 21.08 ug/ml



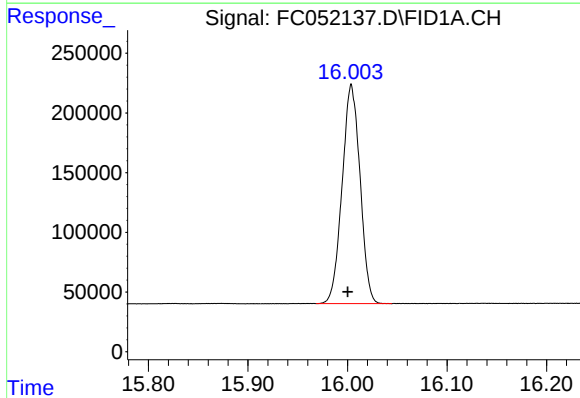
#13 n-Docosane (C22)

R.T.: 13.881 min
Delta R.T.: 0.003 min
Response: 2410417
Conc: 20.80 ug/ml



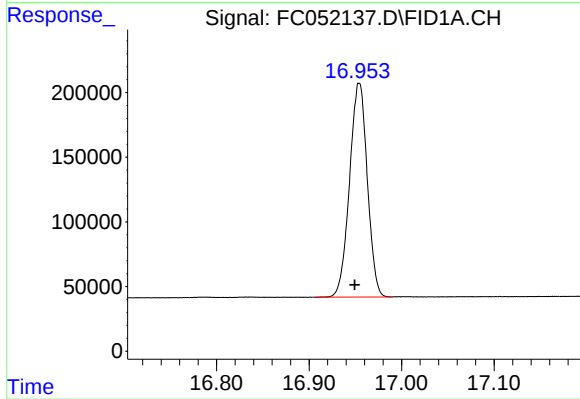
#14 n-Tetracosane (C24)

R.T.: 14.984 min
Delta R.T.: 0.005 min
Response: 2384131
Conc: 20.36 ug/ml



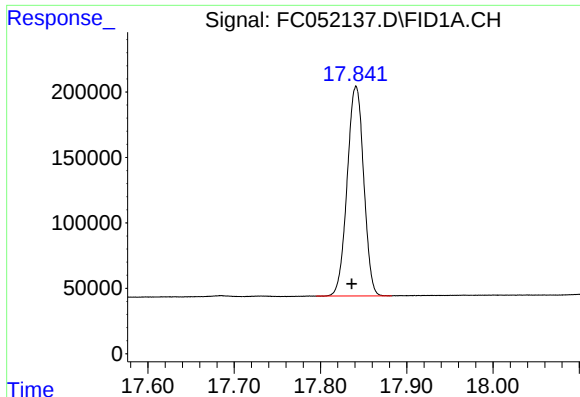
#15 n-Hexacosane (C26)

R.T.: 16.004 min
Delta R.T.: 0.004 min
Response: 2294827
Conc: 19.63 ug/ml



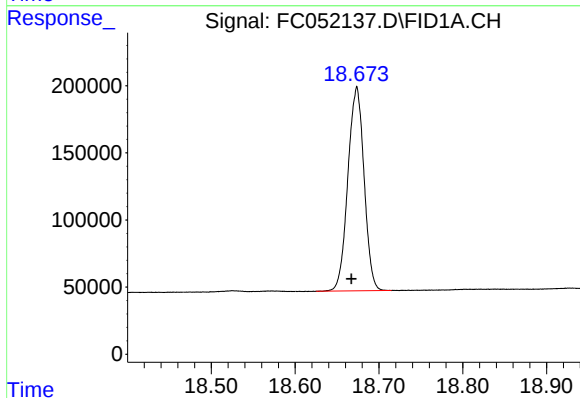
#16 n-Octacosane (C28)

R.T.: 16.954 min
Delta R.T.: 0.005 min
Response: 2206095
Conc: 18.76 ug/ml



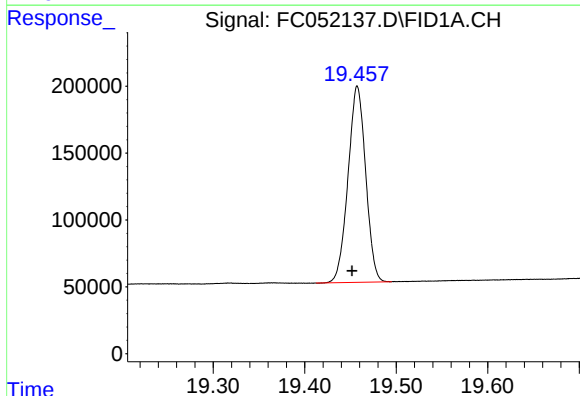
#17 n-Tricontane (C30)

R.T.: 17.841 min
Delta R.T.: 0.005 min
Response: 2133376
Conc: 18.05 ug/ml



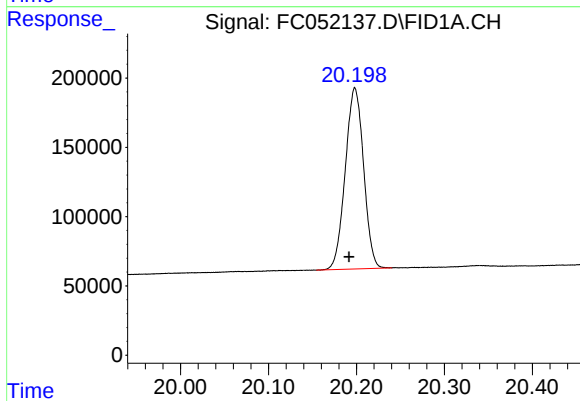
#18 n-Dotriacontane (C32)

R.T.: 18.674 min
Delta R.T.: 0.006 min
Response: 2037673
Conc: 17.38 ug/ml



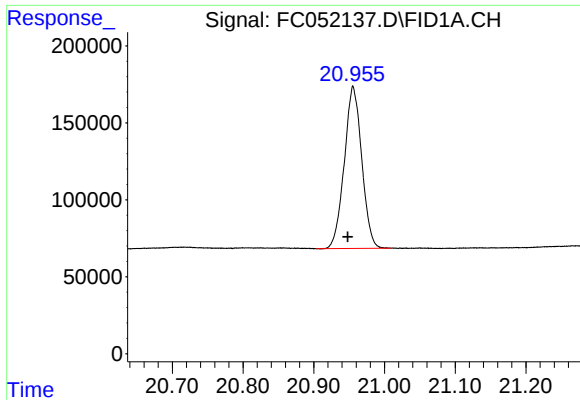
#19 n-Tetratriacontane (C34)

R.T.: 19.458 min
Delta R.T.: 0.006 min
Response: 1965278
Conc: 16.97 ug/ml



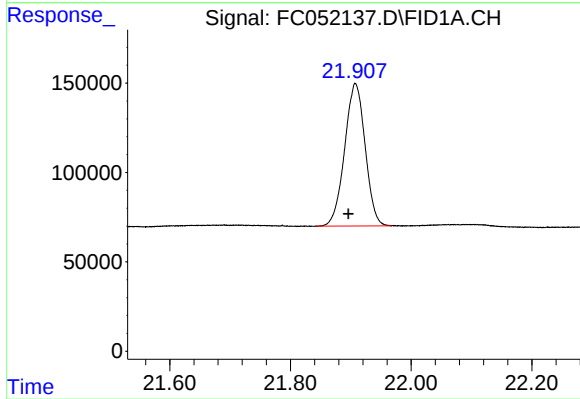
#20 n-Hexatriacontane (C36)

R.T.: 20.198 min
Delta R.T.: 0.007 min
Response: 1889728
Conc: 16.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.956 min
Delta R.T.: 0.008 min
Response: 1802403
Conc: 17.60 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.907 min
Delta R.T.: 0.012 min
Response: 1880184
Conc: 18.24 ug/ml