

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102321AL\
 Data File : FC056339.D
 Signal(s) : FID1A.CH
 Acq On : 23 Oct 2021 00:49
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 23 01:40:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.623	2524462	20.388 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
12) S 1-chlorooctadecane (S...	13.054	1950961	20.275 ug/ml
Spiked Amount 50.000		Recovery =	40.55%
Target Compounds			
1) T n-Nonane (C9)	3.380	2230150	20.605 ug/ml
2) T n-Decane (C10)	4.448	2250842	20.896 ug/ml
3) T A~Naphthalene (C11.7)	6.039	2541022	20.842 ug/ml
4) T n-Dodecane (C12)	6.467	2296387	20.831 ug/ml
5) T A~2-methylnaphthalene...	7.096	2551096	20.832 ug/ml
6) T n-Tetradecane (C14)	8.262	2323307	20.694 ug/ml
7) T n-Hexadecane (C16)	9.861	2338265	20.567 ug/ml
8) T n-Octadecane (C18)	11.302	2402053	20.555 ug/ml
10) T n-Eicosane (C20)	12.609	2338778	20.350 ug/ml
11) T n-Heneicosane (C21)	13.219	2331314	20.286 ug/ml
13) T n-Docosane (C22)	13.805	2281831	20.268 ug/ml
14) T n-Tetracosane (C24)	14.904	2215331	20.102 ug/ml
15) T n-Hexacosane (C26)	15.921	2101808	19.914 ug/ml
16) T n-Octacosane (C28)	16.869	2008380	19.362 ug/ml
17) T n-Tricontane (C30)	17.751	1912827	18.462 ug/ml
18) T n-Dotriacontane (C32)	18.579	1803331	18.822 ug/ml
19) T n-Tetratriacontane (C34)	19.358	1758889	20.054 ug/ml
20) T n-Hexatriacontane (C36)	20.094	1694836	20.706 ug/ml
21) T n-Octatriacontane (C38)	20.829	1679603	21.001 ug/ml
22) T n-Tetracontane (C40)	21.746	1742191	21.146 ug/ml

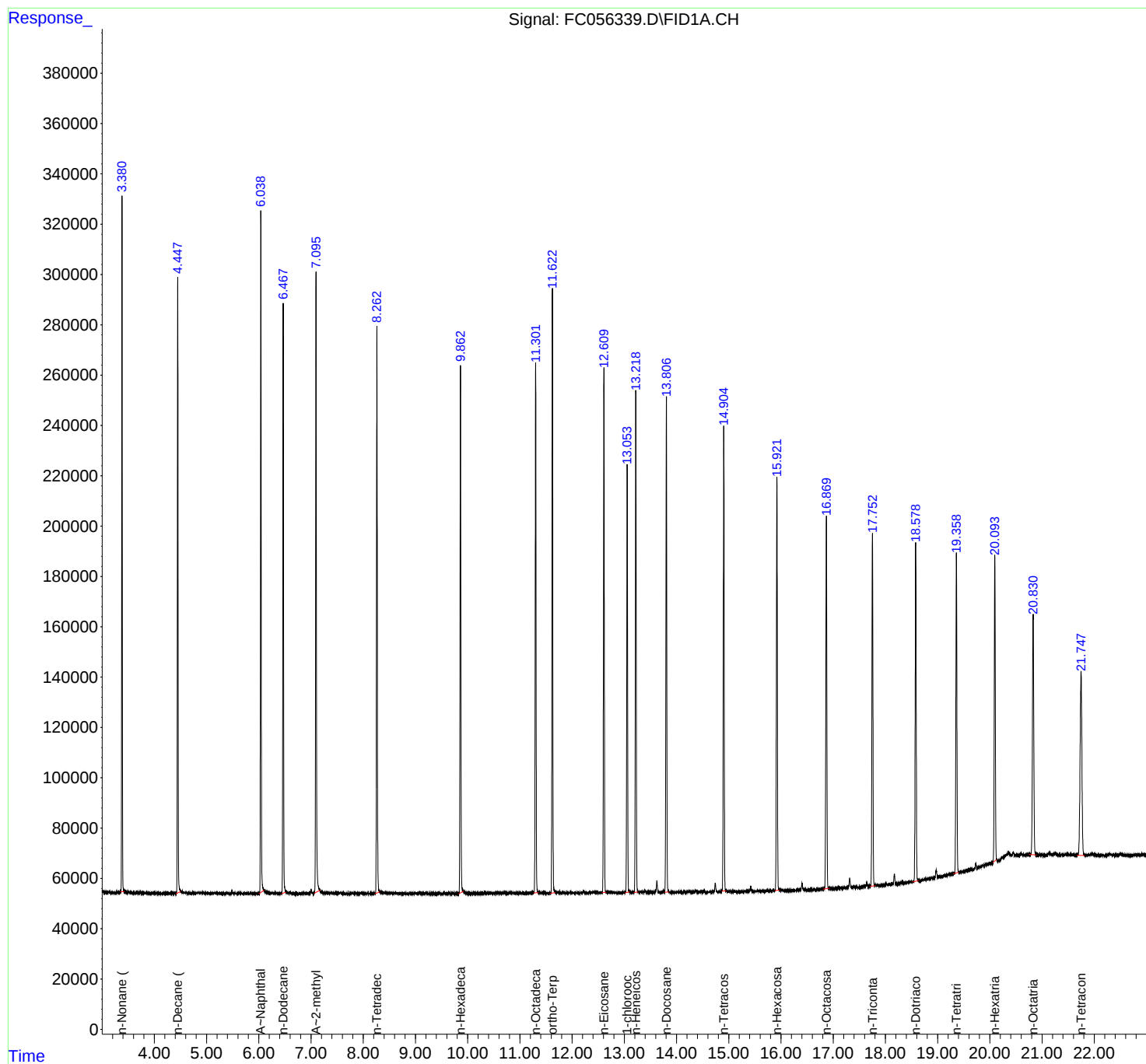
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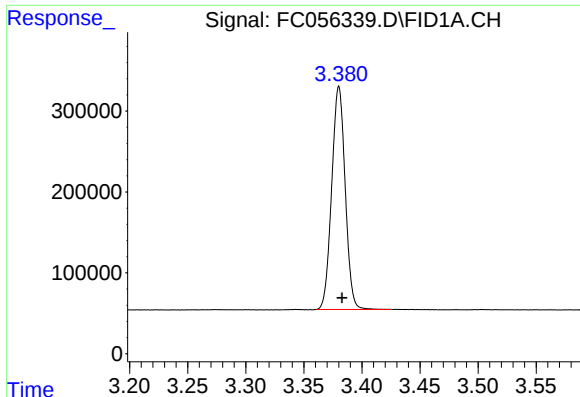
(m)=manual int.

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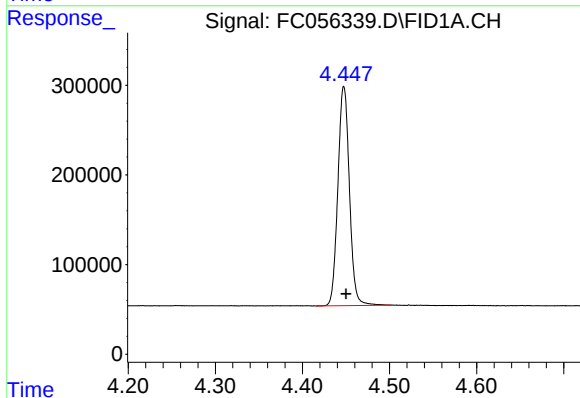
Volume Inj. : 1 uL
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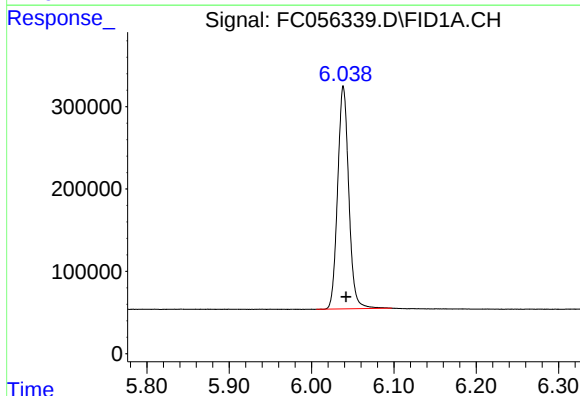
#1 n-Nonane (C9)

R.T.: 3.380 min
Delta R.T.: -0.003 min
Response: 2230150
Conc: 20.60 ug/ml



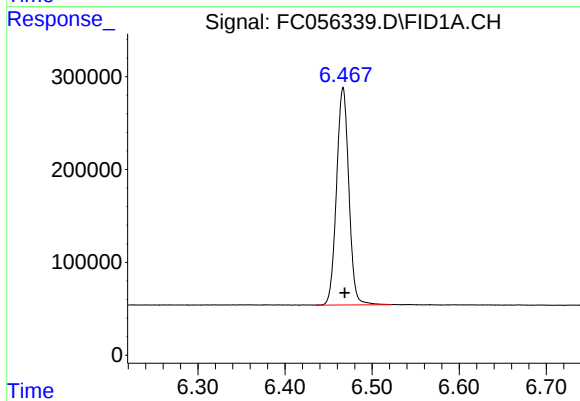
#2 n-Decane (C10)

R.T.: 4.448 min
Delta R.T.: -0.003 min
Response: 2250842
Conc: 20.90 ug/ml



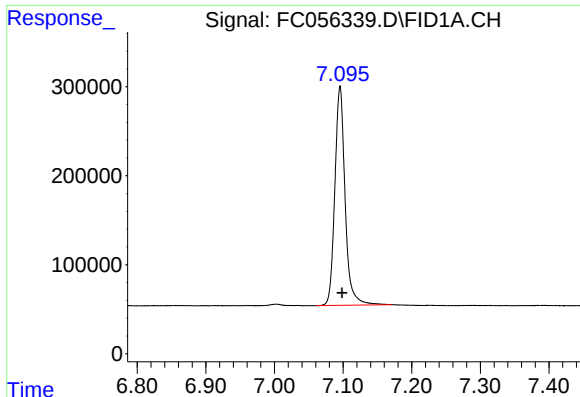
#3 A~Naphthalene (C11.7)

R.T.: 6.039 min
Delta R.T.: -0.003 min
Response: 2541022
Conc: 20.84 ug/ml



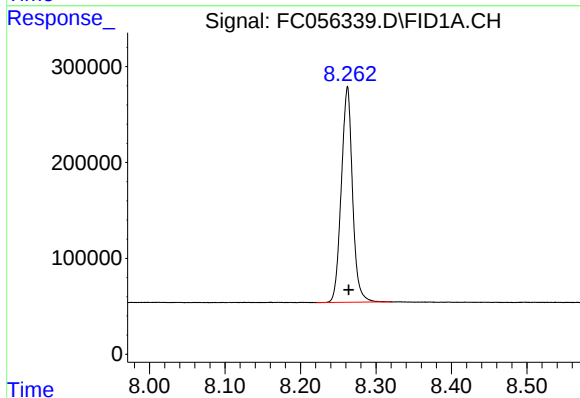
#4 n-Dodecane (C12)

R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 2296387
Conc: 20.83 ug/ml



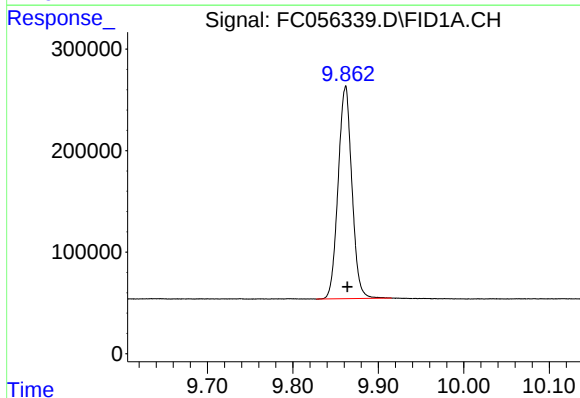
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 2551096
Conc: 20.83 ug/ml



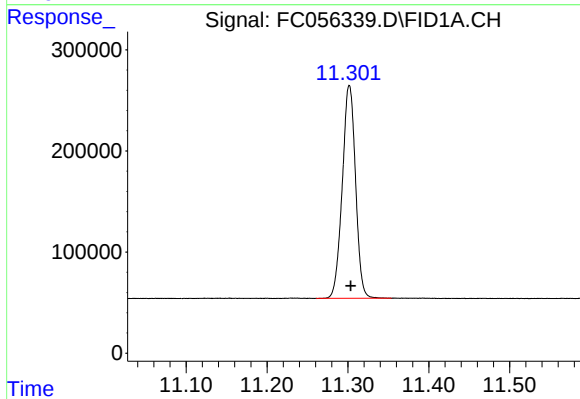
#6 n-Tetradecane (C14)

R.T.: 8.262 min
Delta R.T.: -0.002 min
Response: 2323307
Conc: 20.69 ug/ml



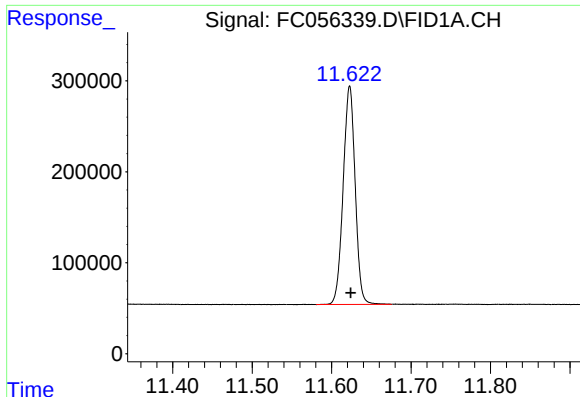
#7 n-Hexadecane (C16)

R.T.: 9.861 min
Delta R.T.: -0.002 min
Response: 2338265
Conc: 20.57 ug/ml



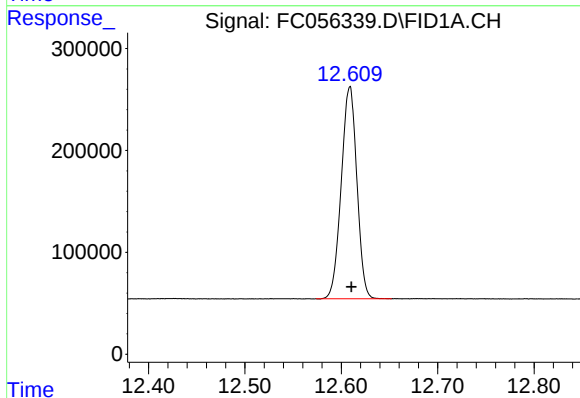
#8 n-Octadecane (C18)

R.T.: 11.302 min
Delta R.T.: -0.002 min
Response: 2402053
Conc: 20.56 ug/ml



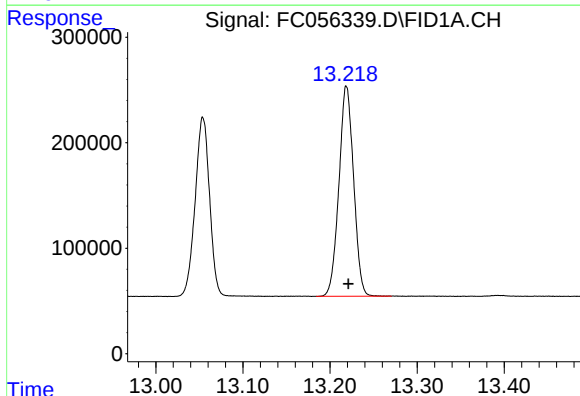
#9 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: -0.001 min
Response: 2524462
Conc: 20.39 ug/ml



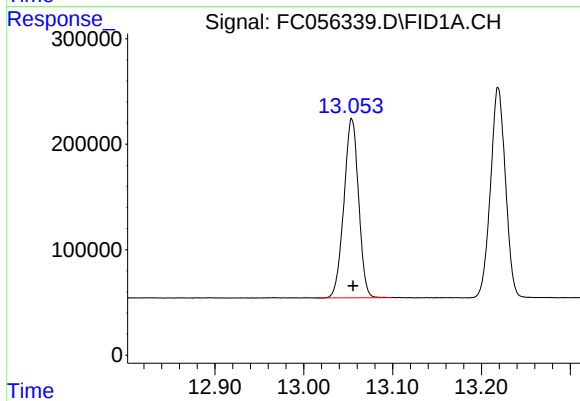
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: -0.002 min
Response: 2338778
Conc: 20.35 ug/ml



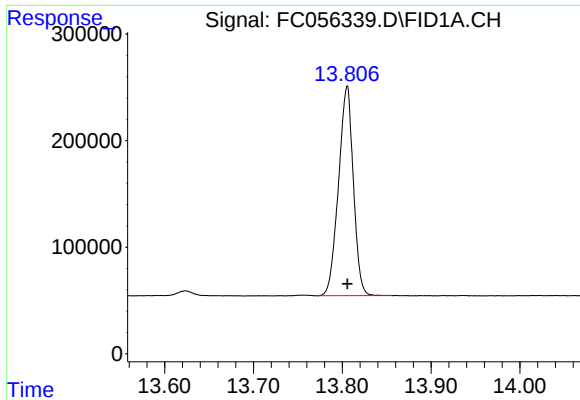
#11 n-Heneicosane (C21)

R.T.: 13.219 min
Delta R.T.: -0.002 min
Response: 2331314
Conc: 20.29 ug/ml



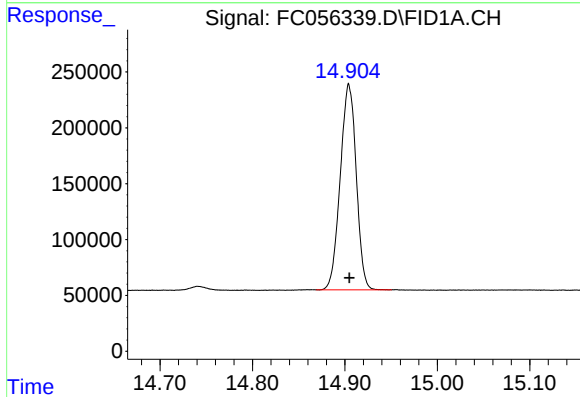
#12 1-chlorooctadecane (SURR)

R.T.: 13.054 min
Delta R.T.: -0.002 min
Response: 1950961
Conc: 20.28 ug/ml



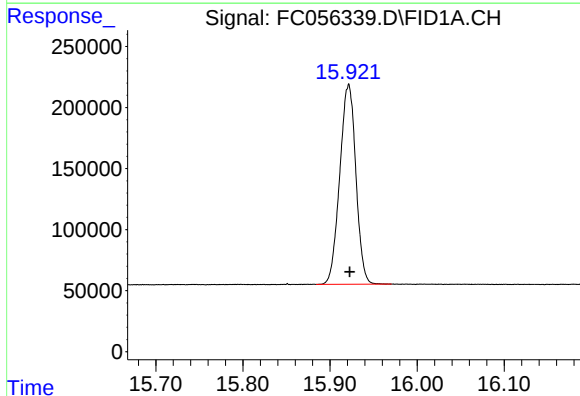
#13 n-Docosane (C22)

R.T.: 13.805 min
Delta R.T.: 0.000 min
Response: 2281831
Conc: 20.27 ug/ml



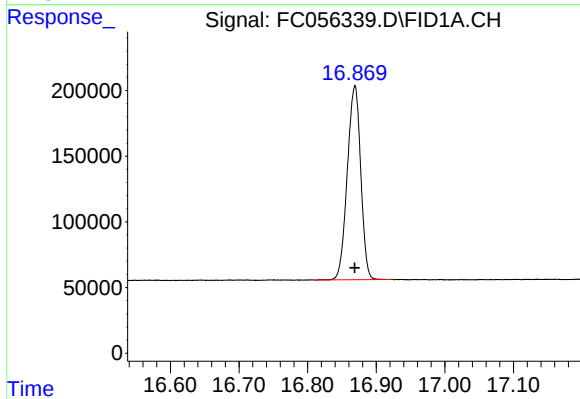
#14 n-Tetracosane (C24)

R.T.: 14.904 min
Delta R.T.: 0.000 min
Response: 2215331
Conc: 20.10 ug/ml



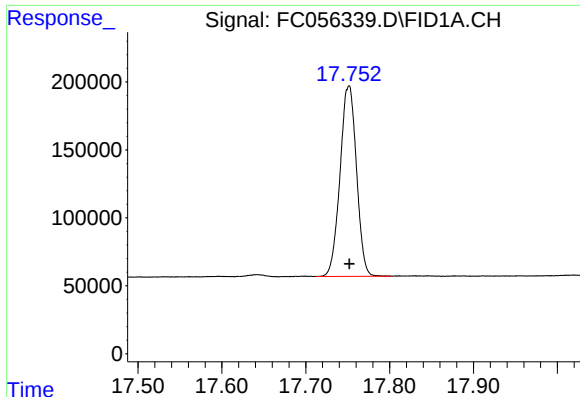
#15 n-Hexacosane (C26)

R.T.: 15.921 min
Delta R.T.: -0.002 min
Response: 2101808
Conc: 19.91 ug/ml



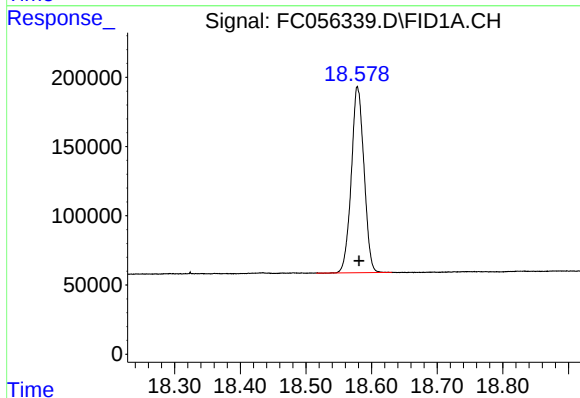
#16 n-Octacosane (C28)

R.T.: 16.869 min
Delta R.T.: 0.000 min
Response: 2008380
Conc: 19.36 ug/ml



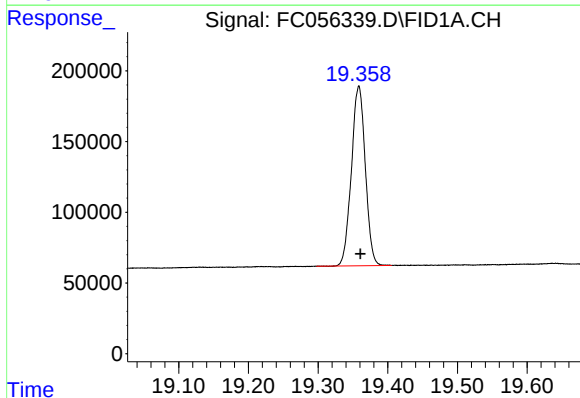
#17 n-Tricontane (C30)

R.T.: 17.751 min
Delta R.T.: 0.000 min
Response: 1912827
Conc: 18.46 ug/ml



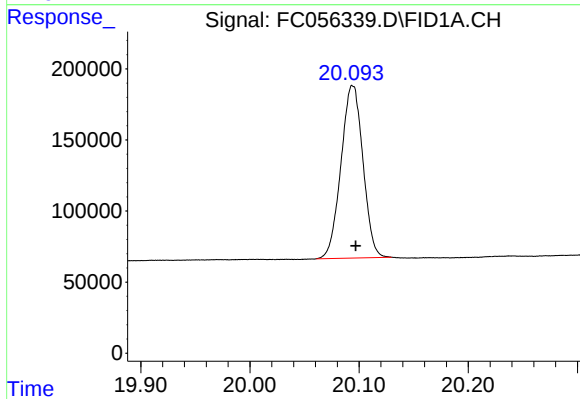
#18 n-Dotriacontane (C32)

R.T.: 18.579 min
Delta R.T.: -0.002 min
Response: 1803331
Conc: 18.82 ug/ml



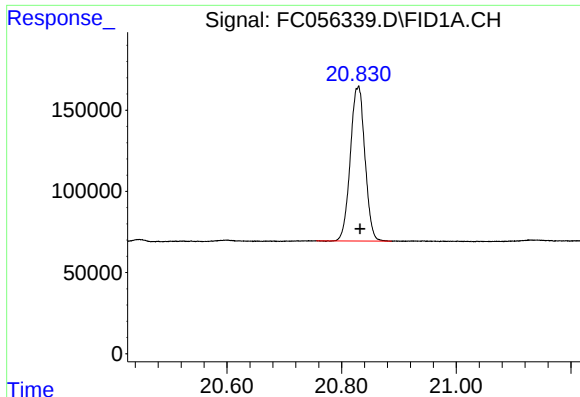
#19 n-Tetratriacontane (C34)

R.T.: 19.358 min
Delta R.T.: -0.002 min
Response: 1758889
Conc: 20.05 ug/ml



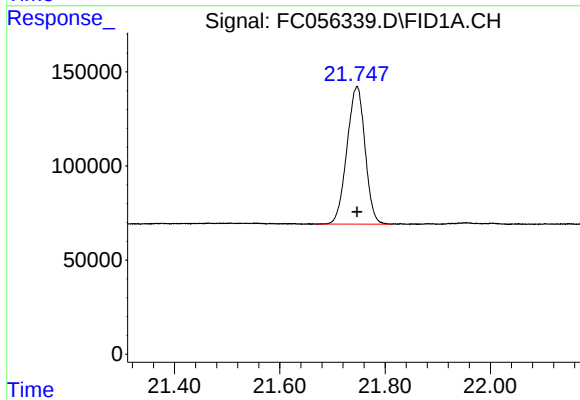
#20 n-Hexatriacontane (C36)

R.T.: 20.094 min
Delta R.T.: -0.003 min
Response: 1694836
Conc: 20.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.829 min
Delta R.T.: -0.004 min
Response: 1679603
Conc: 21.00 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.746 min
Delta R.T.: 0.000 min
Response: 1742191
Conc: 21.15 ug/ml