

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110520AL\
 Data File : FC050592.D
 Signal(s) : FID1A.CH
 Acq On : 05 Nov 2020 12:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Nov 05 16:04:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 02:36:40 2020
 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	2150220	17.506 ug/ml
Spiked Amount 50.000		Recovery =	35.01%
12) S 1-chlorooctadecane (S...	13.056	1682366	17.425 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
Target Compounds			
1) T n-Nonane (C9)	3.368	2093971	19.679 ug/ml
2) T n-Decane (C10)	4.439	2097120	19.719 ug/ml
3) T A~Naphthalene (C11.7)	6.034	2235965	19.416 ug/ml
4) T n-Dodecane (C12)	6.460	2127547	19.622 ug/ml
5) T A~2-methylnaphthalene...	7.093	2231960	19.454 ug/ml
6) T n-Tetradecane (C14)	8.257	2106646	19.531 ug/ml
7) T n-Hexadecane (C16)	9.858	2041706	19.180 ug/ml
8) T n-Octadecane (C18)	11.301	2086318	18.547 ug/ml
10) T n-Eicosane (C20)	12.610	2041054	17.883 ug/ml
11) T n-Heneicosane (C21)	13.222	2000539	17.536 ug/ml
13) T n-Docosane (C22)	13.808	1965863	17.226 ug/ml
14) T n-Tetracosane (C24)	14.910	1899664	16.634 ug/ml
15) T n-Hexacosane (C26)	15.931	1833377	16.170 ug/ml
16) T n-Octacosane (C28)	16.881	1803942	15.898 ug/ml
17) T n-Tricontane (C30)	17.767	1770669	15.926 ug/ml
18) T n-Dotriacontane (C32)	18.597	1668343	16.172 ug/ml
19) T n-Tetratriacontane (C34)	19.379	1593566	16.561 ug/ml
20) T n-Hexatriacontane (C36)	20.118	1554790	17.306 ug/ml
21) T n-Octatriacontane (C38)	20.863	1479953	17.799 ug/ml
22) T n-Tetracontane (C40)	21.791	1553414	18.563 ug/ml

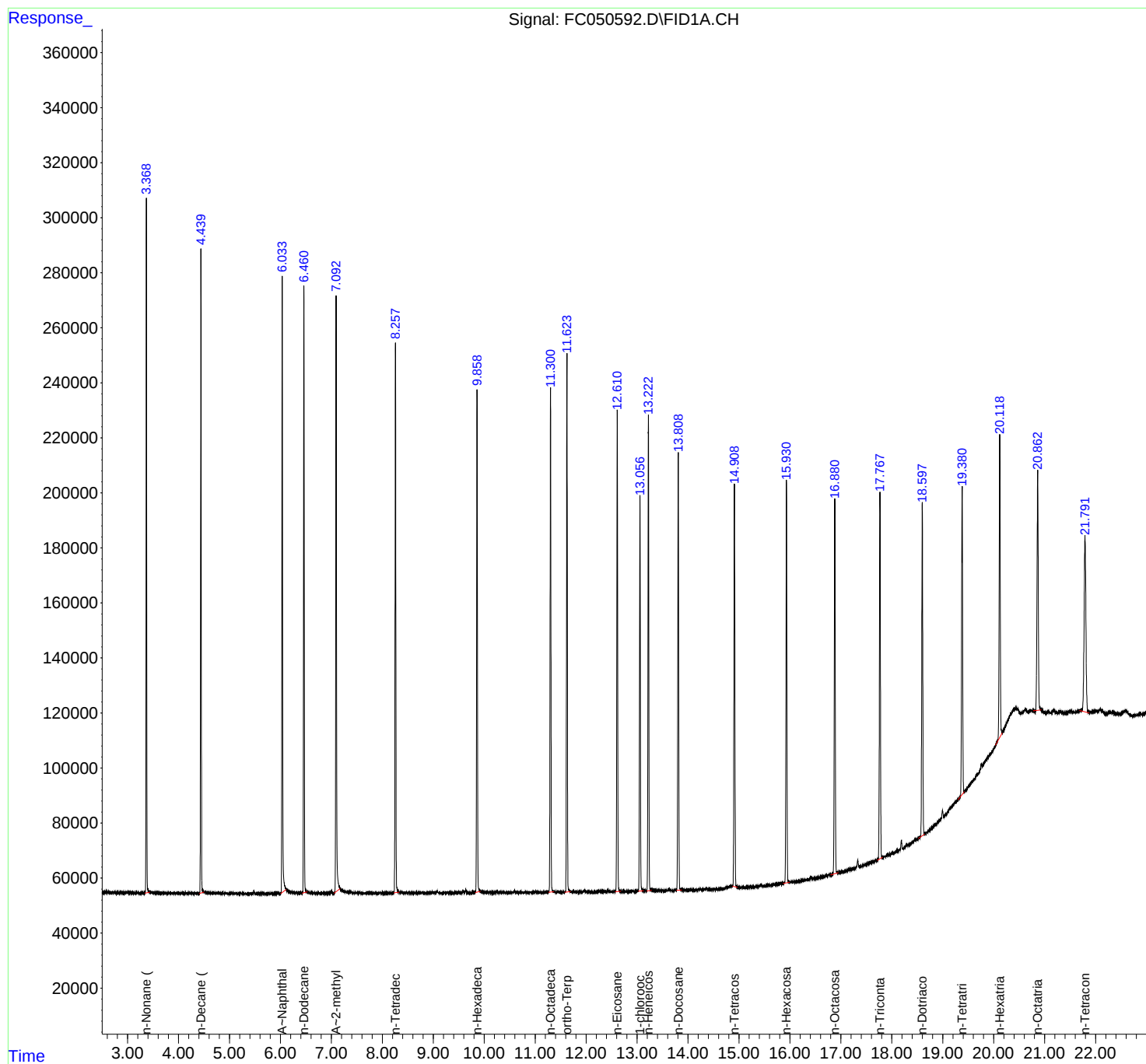
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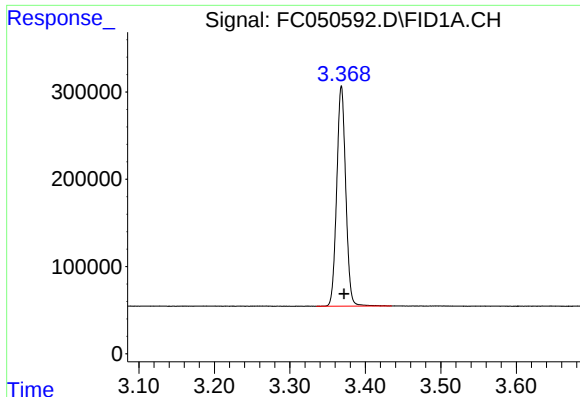
(m)=manual int.

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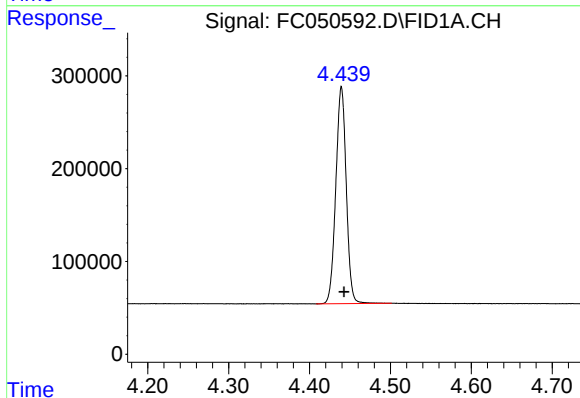
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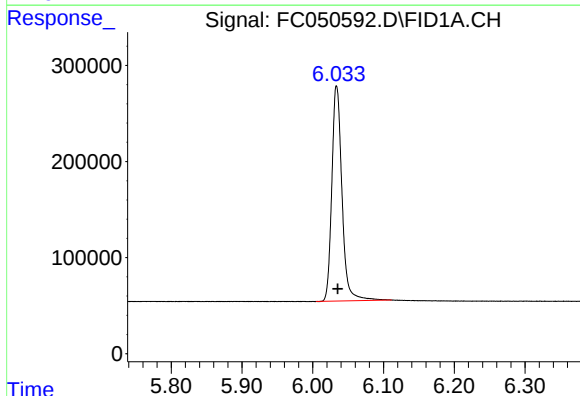
#1 n-Nonane (C9)

R.T.: 3.368 min
Delta R.T.: -0.004 min
Response: 2093971
Conc: 19.68 ug/ml



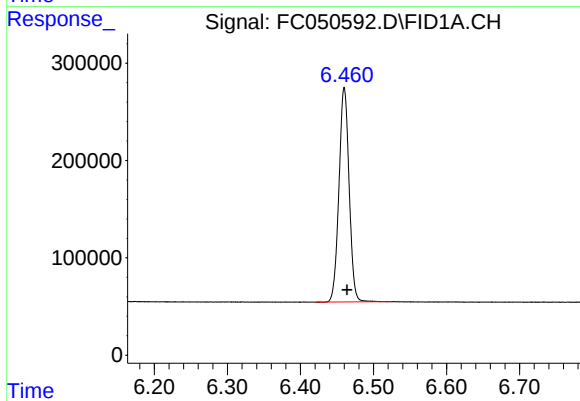
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.003 min
Response: 2097120
Conc: 19.72 ug/ml



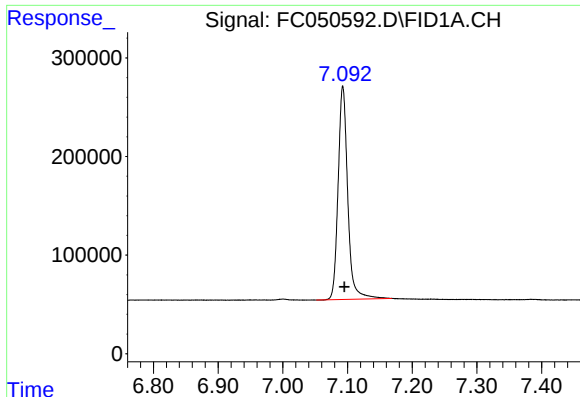
#3 A~Naphthalene (C11.7)

R.T.: 6.034 min
Delta R.T.: -0.001 min
Response: 2235965
Conc: 19.42 ug/ml



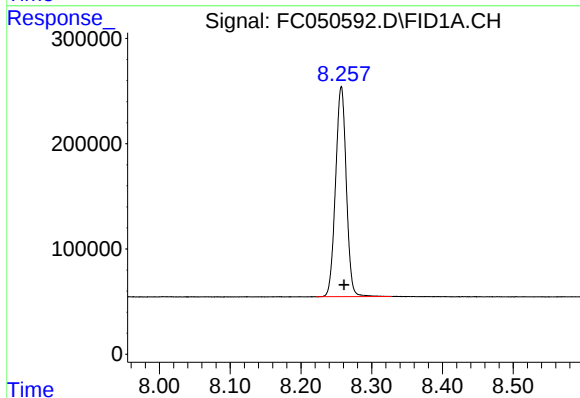
#4 n-Dodecane (C12)

R.T.: 6.460 min
Delta R.T.: -0.004 min
Response: 2127547
Conc: 19.62 ug/ml



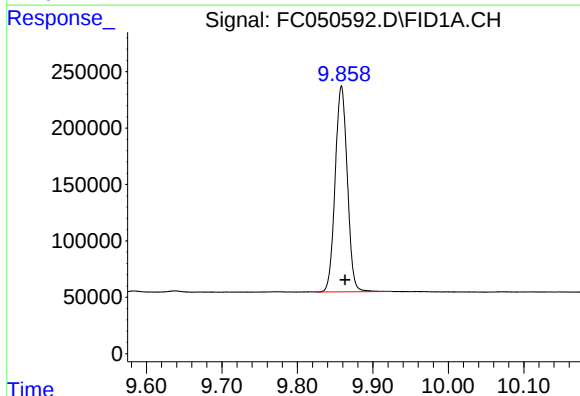
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.093 min
Delta R.T.: -0.002 min
Response: 2231960
Conc: 19.45 ug/ml



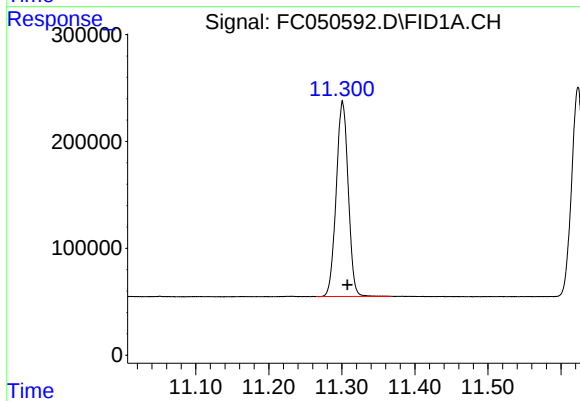
#6 n-Tetradecane (C14)

R.T.: 8.257 min
Delta R.T.: -0.004 min
Response: 2106646
Conc: 19.53 ug/ml



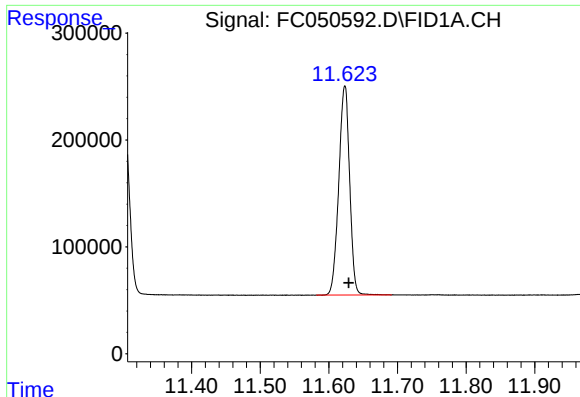
#7 n-Hexadecane (C16)

R.T.: 9.858 min
Delta R.T.: -0.005 min
Response: 2041706
Conc: 19.18 ug/ml



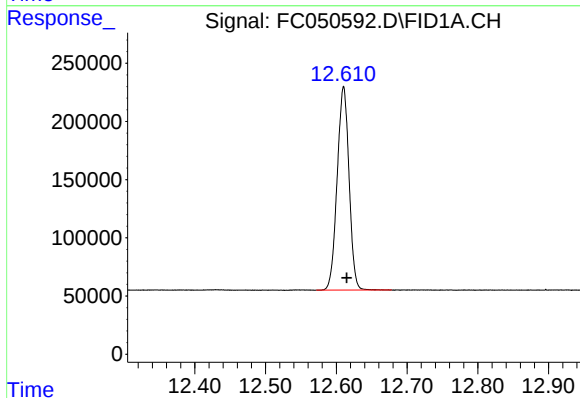
#8 n-Octadecane (C18)

R.T.: 11.301 min
Delta R.T.: -0.007 min
Response: 2086318
Conc: 18.55 ug/ml



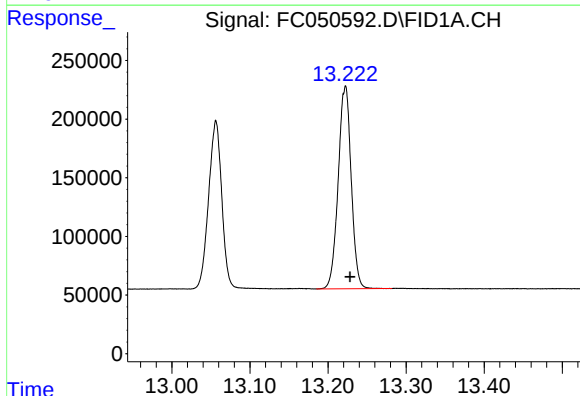
#9 ortho-Terphenyl (SURR)

R.T.: 11.623 min
Delta R.T.: -0.006 min
Response: 2150220
Conc: 17.51 ug/ml



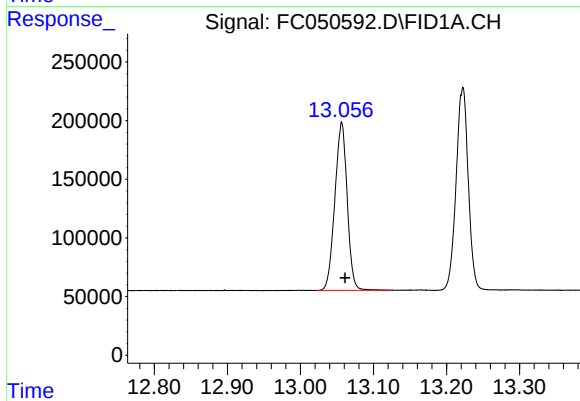
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: -0.005 min
Response: 2041054
Conc: 17.88 ug/ml



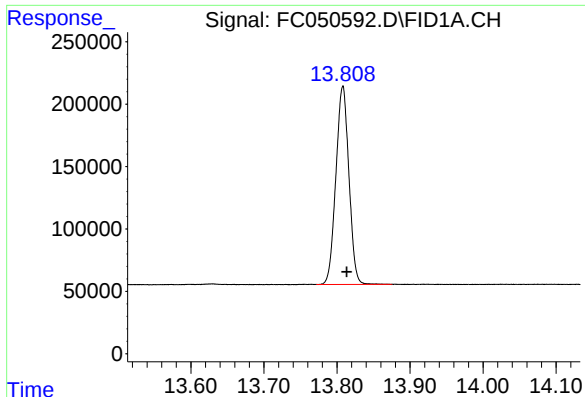
#11 n-Heneicosane (C21)

R.T.: 13.222 min
Delta R.T.: -0.006 min
Response: 2000539
Conc: 17.54 ug/ml



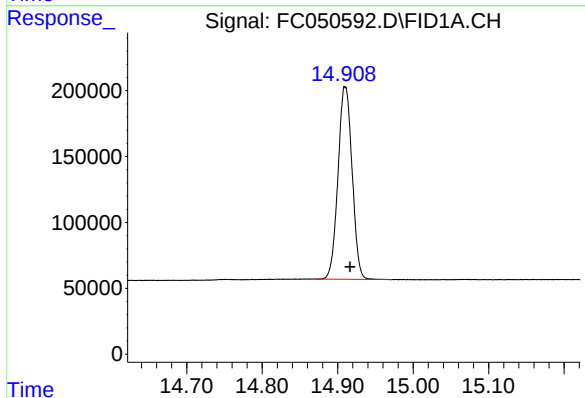
#12 1-chlorooctadecane (SURR)

R.T.: 13.056 min
Delta R.T.: -0.005 min
Response: 1682366
Conc: 17.42 ug/ml



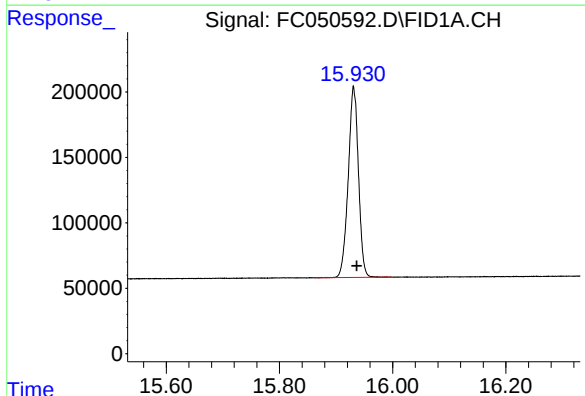
#13 n-Docosane (C22)

R.T.: 13.808 min
Delta R.T.: -0.006 min
Response: 1965863
Conc: 17.23 ug/ml



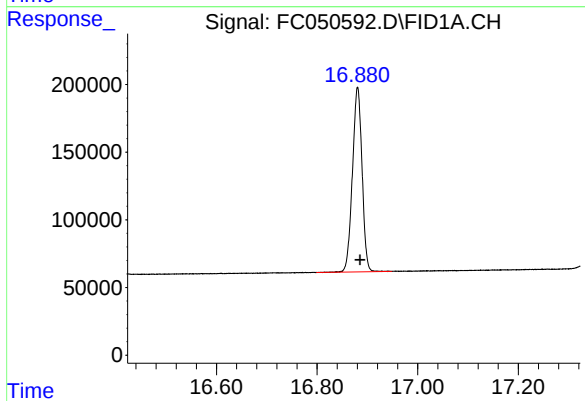
#14 n-Tetracosane (C24)

R.T.: 14.910 min
Delta R.T.: -0.007 min
Response: 1899664
Conc: 16.63 ug/ml



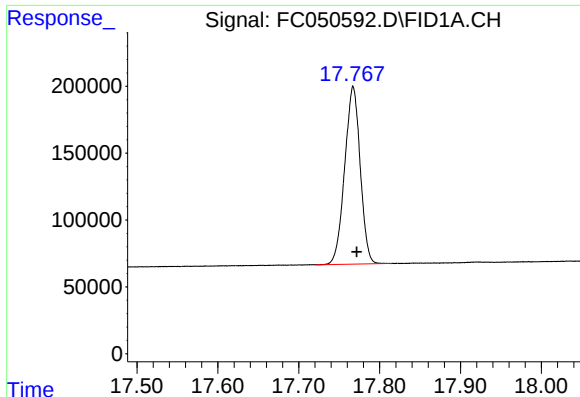
#15 n-Hexacosane (C26)

R.T.: 15.931 min
Delta R.T.: -0.005 min
Response: 1833377
Conc: 16.17 ug/ml



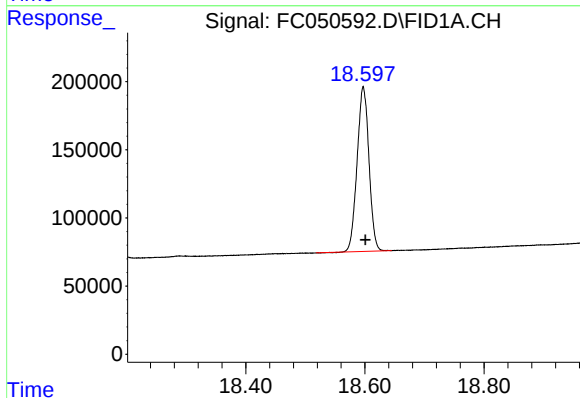
#16 n-Octacosane (C28)

R.T.: 16.881 min
Delta R.T.: -0.005 min
Response: 1803942
Conc: 15.90 ug/ml



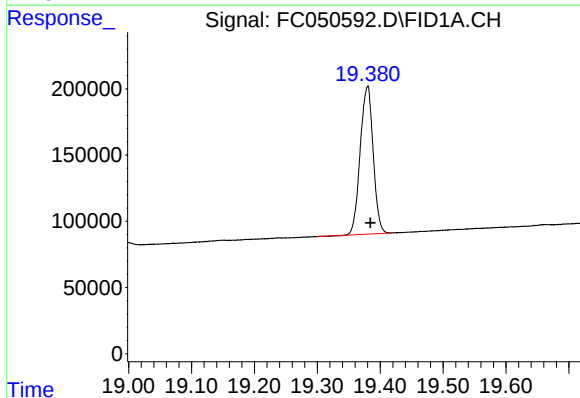
#17 n-Tricontane (C30)

R.T.: 17.767 min
Delta R.T.: -0.004 min
Response: 1770669
Conc: 15.93 ug/ml



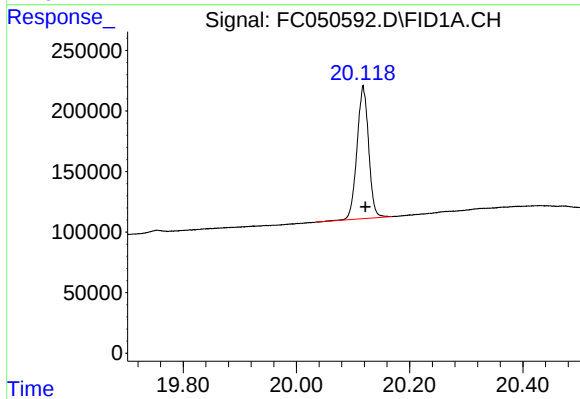
#18 n-Dotriacontane (C32)

R.T.: 18.597 min
Delta R.T.: -0.004 min
Response: 1668343
Conc: 16.17 ug/ml



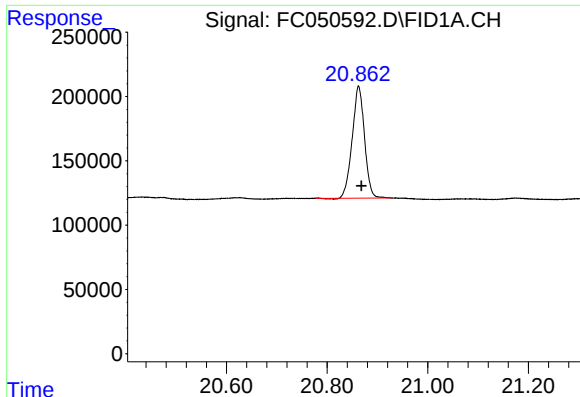
#19 n-Tetratriacontane (C34)

R.T.: 19.379 min
Delta R.T.: -0.005 min
Response: 1593566
Conc: 16.56 ug/ml



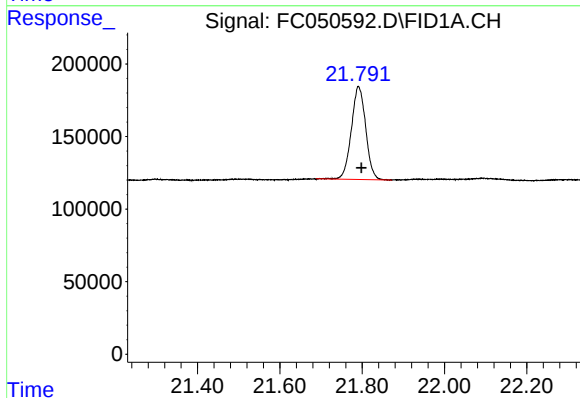
#20 n-Hexatriacontane (C36)

R.T.: 20.118 min
Delta R.T.: -0.004 min
Response: 1554790
Conc: 17.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.863 min
Delta R.T.: -0.005 min
Response: 1479953
Conc: 17.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.791 min
Delta R.T.: -0.007 min
Response: 1553414
Conc: 18.56 ug/ml