

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080819AL\
 Data File : FC042793.D
 Signal(s) : FID1A.CH
 Acq On : 09 Aug 2019 14:08
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 09 15:22:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 2019
 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)	11.683	2685868	18.908 ug/ml
Spiked Amount 50.000		Recovery =	37.82%
12) S 1-chlorooctadecane (S...	13.105	2213048	18.644 ug/ml
Spiked Amount 50.000		Recovery =	37.29%
Target Compounds			
1) T n-Nonane (C9)	3.487	2446760	19.731 ug/ml
2) T n-Decane (C10)	4.550	2505720	19.972 ug/ml
3) T A~Naphthalene (C11.7)	6.136	2725282	20.119 ug/ml
4) T n-Dodecane (C12)	6.553	2533326	19.974 ug/ml
5) T A~2-methylnaphthalene...	7.185	2741178	20.151 ug/ml
6) T n-Tetradecane (C14)	8.335	2536212	19.877 ug/ml
7) T n-Hexadecane (C16)	9.925	2543244	19.675 ug/ml
8) T n-Octadecane (C18)	11.358	2558785	19.339 ug/ml
10) T n-Eicosane (C20)	12.660	2559927	18.938 ug/ml
11) T n-Heneicosane (C21)	13.269	2530609	18.721 ug/ml
13) T n-Docosane (C22)	13.852	2504786	18.450 ug/ml
14) T n-Tetracosane (C24)	14.951	2443088	17.942 ug/ml
15) T n-Hexacosane (C26)	15.967	2346744	17.397 ug/ml
16) T n-Octacosane (C28)	16.912	2254120	16.939 ug/ml
17) T n-Tricontane (C30)	17.797	2142972	16.736 ug/ml
18) T n-Dotriacontane (C32)	18.626	2007113	17.214 ug/ml
19) T n-Tetratriacontane (C34)	19.407	1640214	17.073 ug/ml
20) T n-Hexatriacontane (C36)	20.144	1539492	18.558 ug/ml
21) T n-Octatriacontane (C38)	20.888	1375315	18.590 ug/ml
22) T n-Tetracontane (C40)	21.816	1498170	20.741 ug/ml

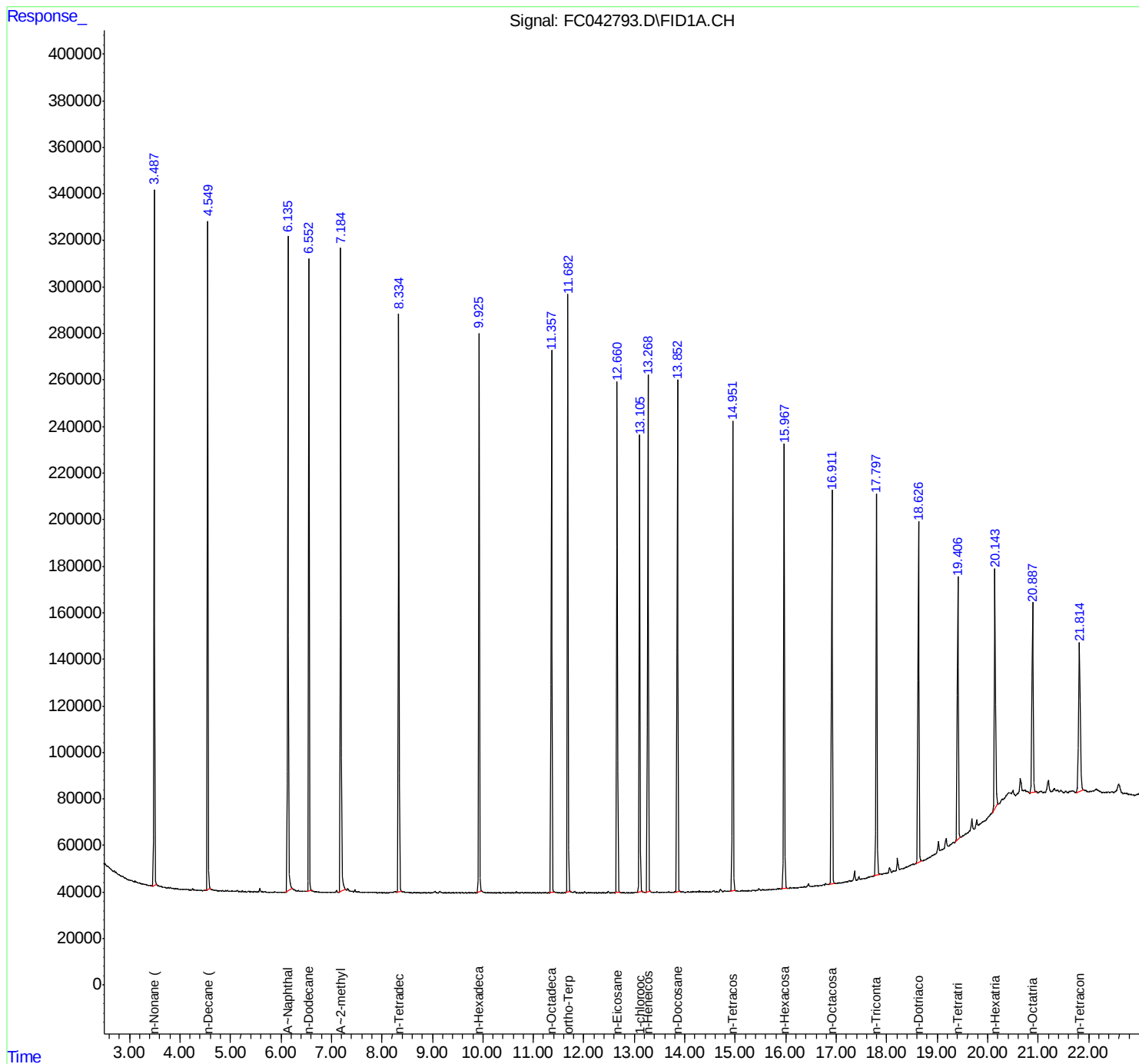
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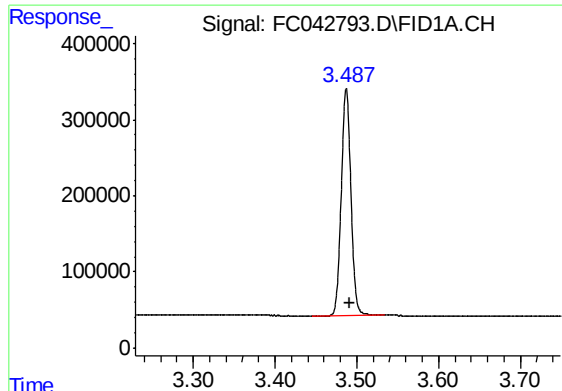
(m)=manual int.

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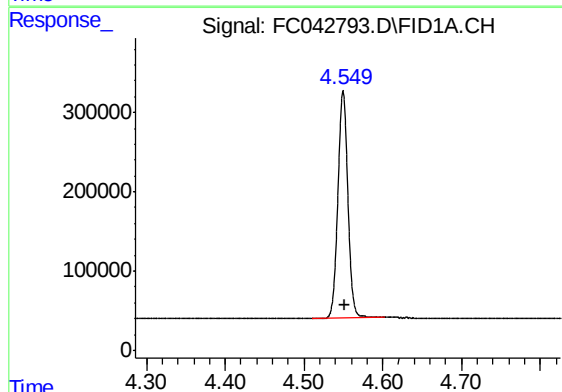
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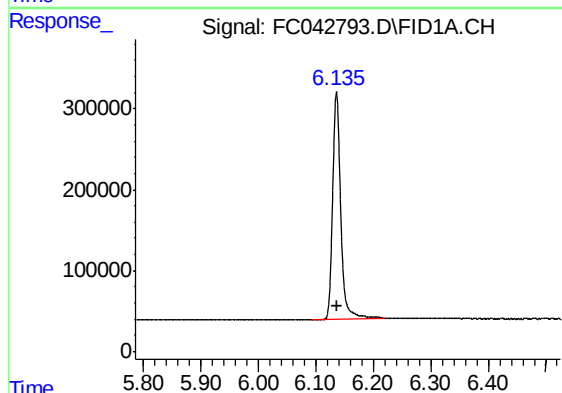
#1 n-Nonane (C9)

R.T.: 3.487 min
Delta R.T.: -0.005 min
Response: 2446760
Conc: 19.73 ug/ml



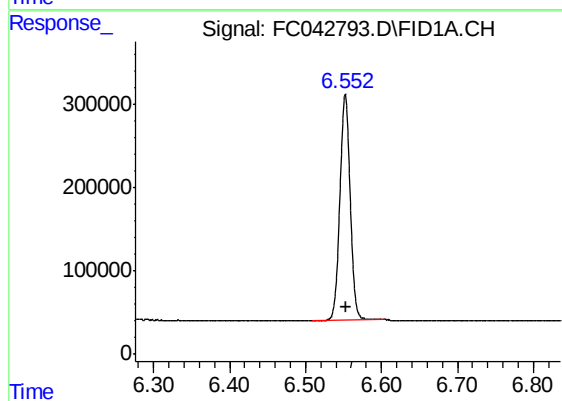
#2 n-Decane (C10)

R.T.: 4.550 min
Delta R.T.: -0.002 min
Response: 2505720
Conc: 19.97 ug/ml



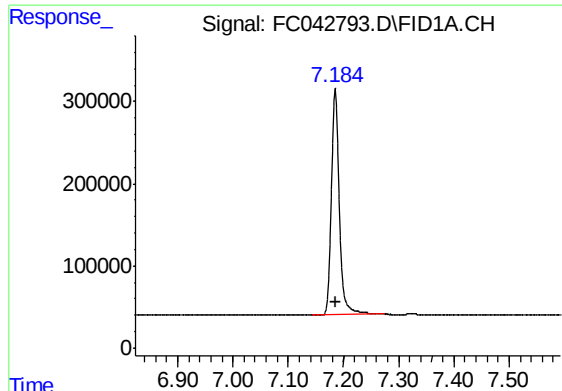
#3 A~Naphthalene (C11.7)

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 2725282
Conc: 20.12 ug/ml



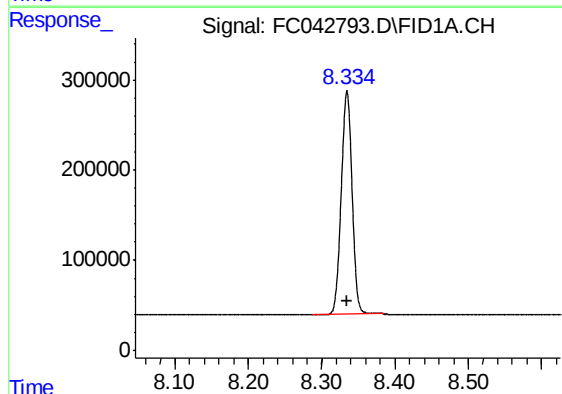
#4 n-Dodecane (C12)

R.T.: 6.553 min
Delta R.T.: -0.001 min
Response: 2533326
Conc: 19.97 ug/ml



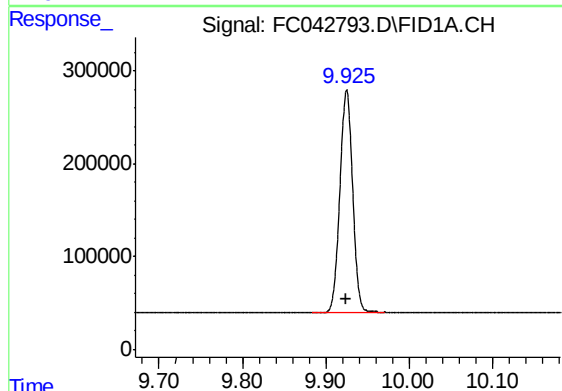
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.185 min
Delta R.T.: 0.000 min
Response: 2741178
Conc: 20.15 ug/ml



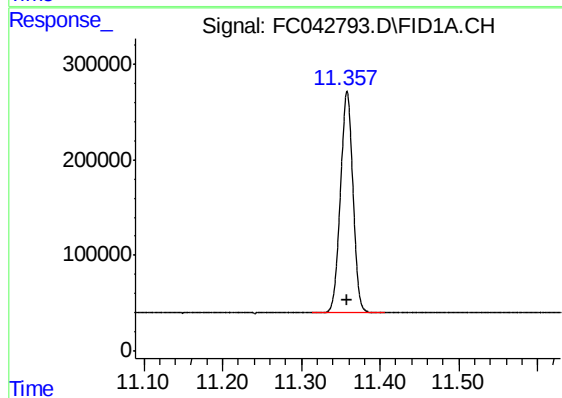
#6 n-Tetradecane (C14)

R.T.: 8.335 min
Delta R.T.: 0.000 min
Response: 2536212
Conc: 19.88 ug/ml



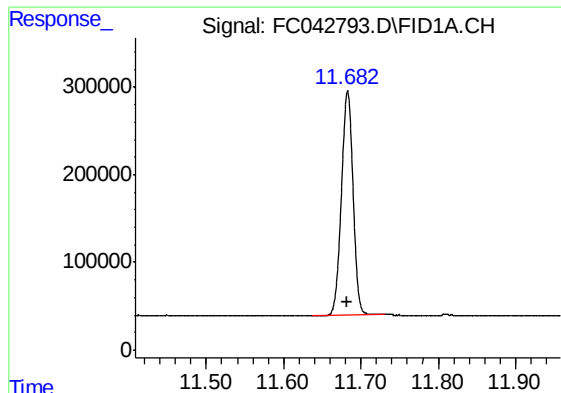
#7 n-Hexadecane (C16)

R.T.: 9.925 min
Delta R.T.: 0.000 min
Response: 2543244
Conc: 19.68 ug/ml



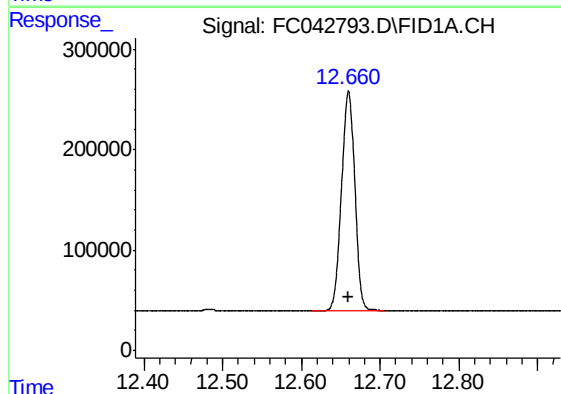
#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: 0.000 min
Response: 2558785
Conc: 19.34 ug/ml



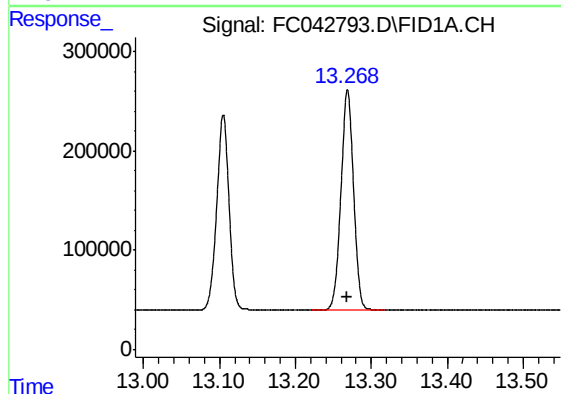
#9 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: 0.000 min
Response: 2685868
Conc: 18.91 ug/ml



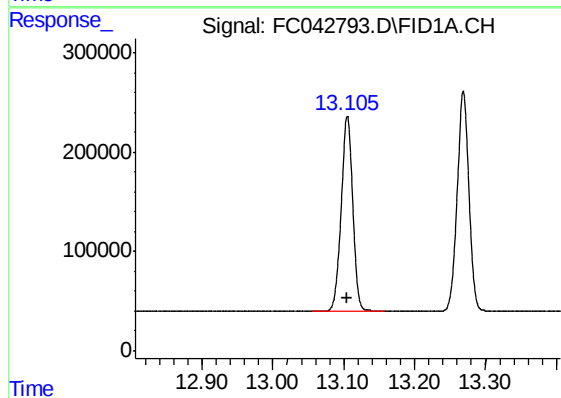
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.000 min
Response: 2559927
Conc: 18.94 ug/ml



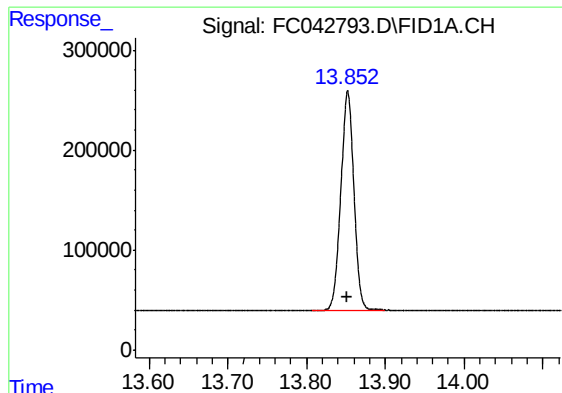
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: 0.000 min
Response: 2530609
Conc: 18.72 ug/ml



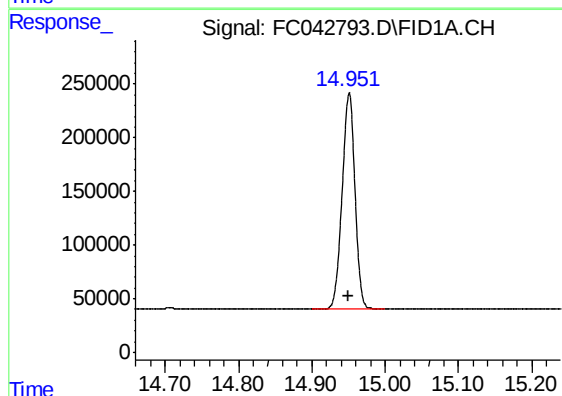
#12 1-chlorooctadecane (SURR)

R.T.: 13.105 min
Delta R.T.: 0.000 min
Response: 2213048
Conc: 18.64 ug/ml



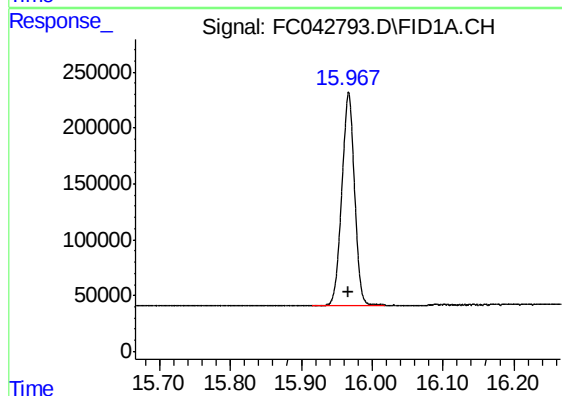
#13 n-Docosane (C22)

R.T.: 13.852 min
Delta R.T.: 0.000 min
Response: 2504786
Conc: 18.45 ug/ml



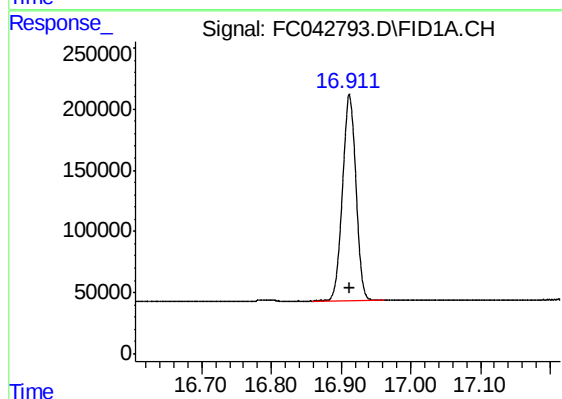
#14 n-Tetracosane (C24)

R.T.: 14.951 min
Delta R.T.: 0.000 min
Response: 2443088
Conc: 17.94 ug/ml



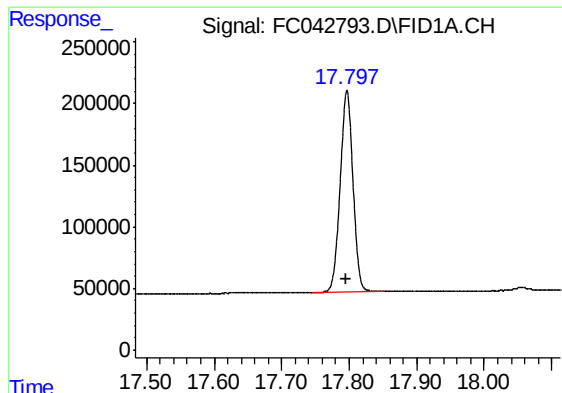
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: 0.000 min
Response: 2346744
Conc: 17.40 ug/ml



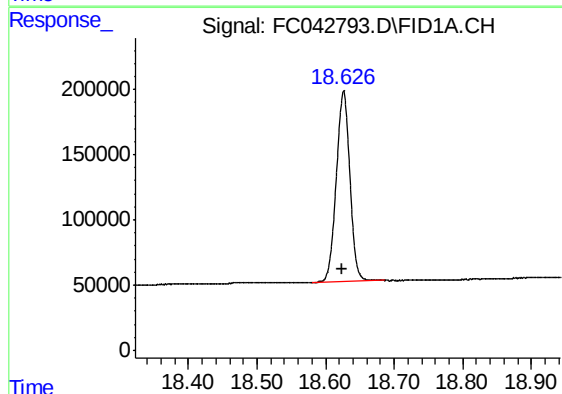
#16 n-Octacosane (C28)

R.T.: 16.912 min
Delta R.T.: 0.000 min
Response: 2254120
Conc: 16.94 ug/ml



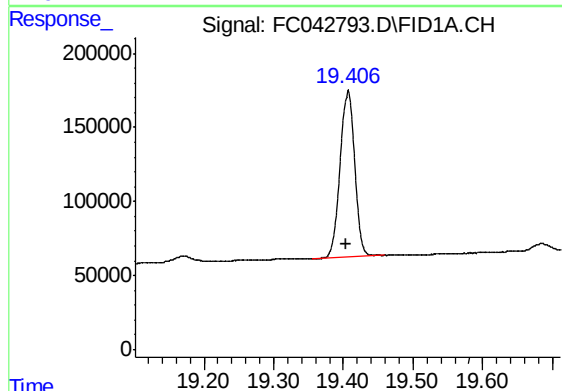
#17 n-Tricontane (C30)

R.T.: 17.797 min
Delta R.T.: 0.000 min
Response: 2142972
Conc: 16.74 ug/ml



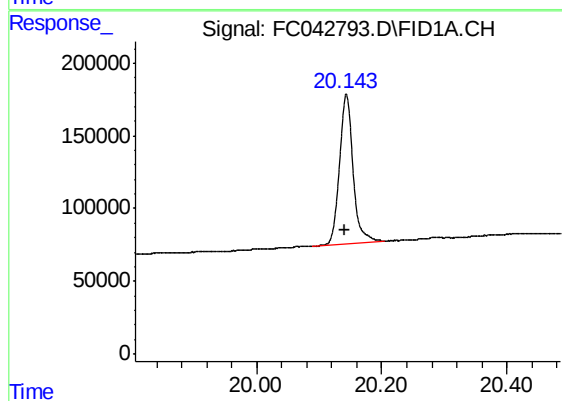
#18 n-Dotriacontane (C32)

R.T.: 18.626 min
Delta R.T.: 0.001 min
Response: 2007113
Conc: 17.21 ug/ml



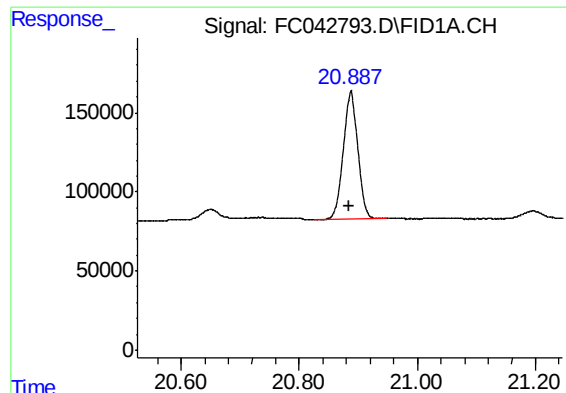
#19 n-Tetatriacontane (C34)

R.T.: 19.407 min
Delta R.T.: 0.003 min
Response: 1640214
Conc: 17.07 ug/ml



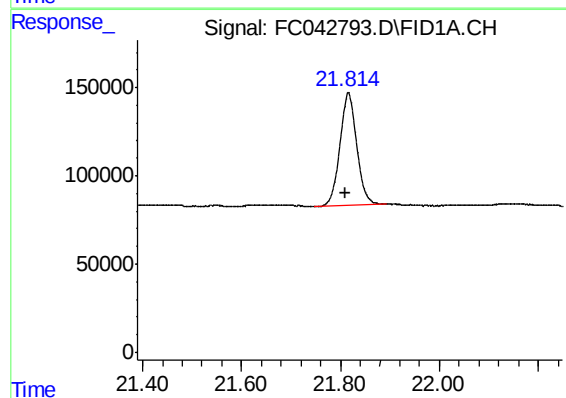
#20 n-Hexatriacontane (C36)

R.T.: 20.144 min
Delta R.T.: 0.003 min
Response: 1539492
Conc: 18.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: 0.004 min
Response: 1375315
Conc: 18.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.816 min
Delta R.T.: 0.005 min
Response: 1498170
Conc: 20.74 ug/ml