

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081719AL\
 Data File : FC042972.D
 Signal(s) : FID1A.CH
 Acq On : 17 Aug 2019 8:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 19 02:02:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.676	2790075	19.641 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
12) S 1-chlorooctadecane (S...	13.097	2297256	19.354 ug/ml
Spiked Amount 50.000		Recovery =	38.71%
Target Compounds			
1) T n-Nonane (C9)	3.489	2696844	21.747 ug/ml
2) T n-Decane (C10)	4.549	2784528	22.194 ug/ml
3) T A~Naphthalene (C11.7)	6.135	2970476	21.929 ug/ml
4) T n-Dodecane (C12)	6.550	2811494	22.167 ug/ml
5) T A~2-methylnaphthalene...	7.183	2960863	21.766 ug/ml
6) T n-Tetradecane (C14)	8.331	2791789	21.880 ug/ml
7) T n-Hexadecane (C16)	9.920	2766829	21.405 ug/ml
8) T n-Octadecane (C18)	11.351	2738736	20.699 ug/ml
10) T n-Eicosane (C20)	12.653	2700152	19.976 ug/ml
11) T n-Heneicosane (C21)	13.262	2646437	19.578 ug/ml
13) T n-Docosane (C22)	13.844	2606987	19.203 ug/ml
14) T n-Tetracosane (C24)	14.942	2520833	18.513 ug/ml
15) T n-Hexacosane (C26)	15.957	2455622	18.205 ug/ml
16) T n-Octacosane (C28)	16.902	2420965	18.193 ug/ml
17) T n-Tricontane (C30)	17.786	2346461	18.325 ug/ml
18) T n-Dotriacontane (C32)	18.614	2205643	18.916 ug/ml
19) T n-Tetratriacontane (C34)	19.395	1847872	19.234 ug/ml
20) T n-Hexatriacontane (C36)	20.133	1637392	19.739 ug/mlm
21) T n-Octatriacontane (C38)	20.872	1540297	20.820 ug/ml
22) T n-Tetracontane (C40)	21.797	1624656	22.492 ug/mlm

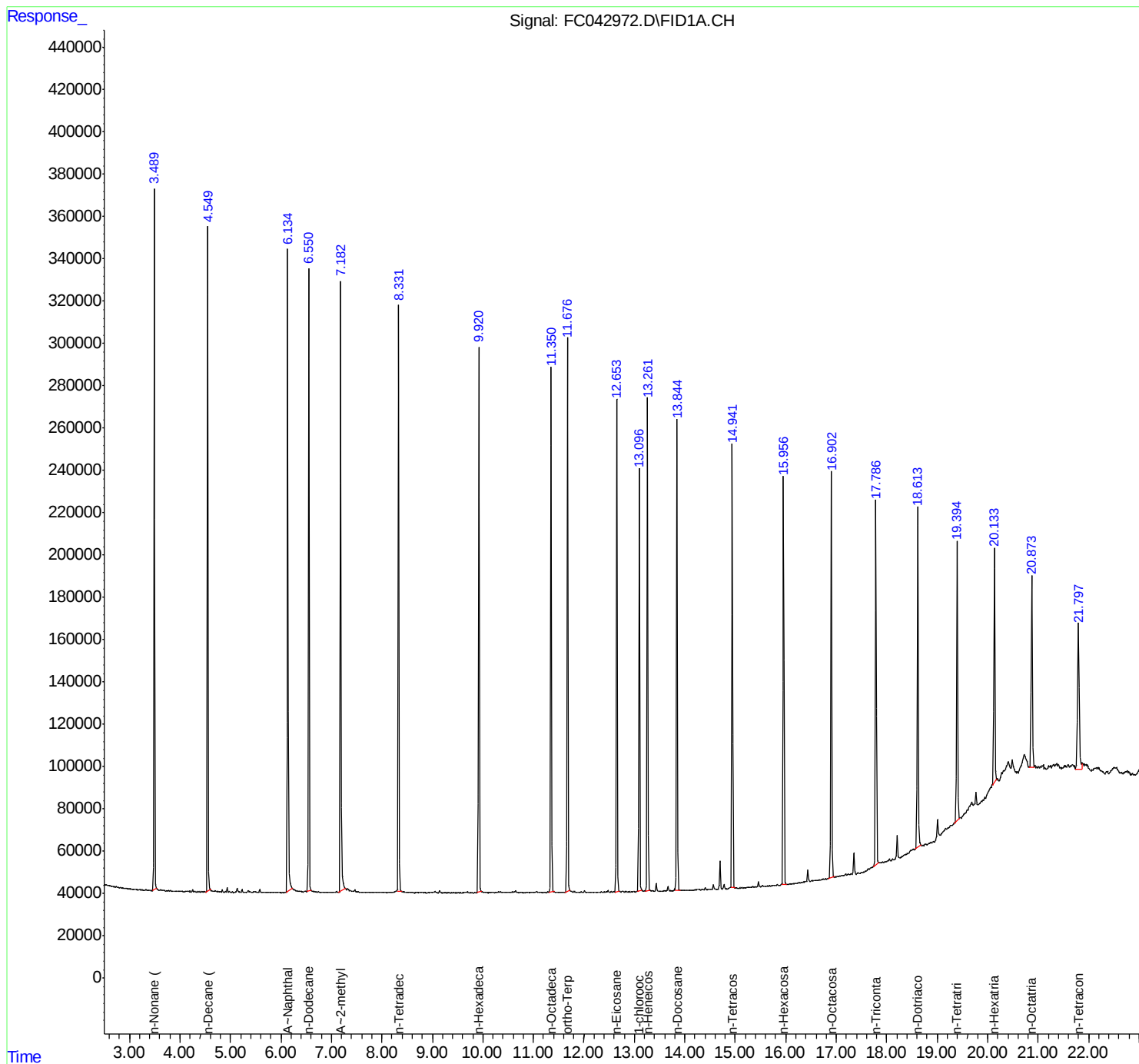
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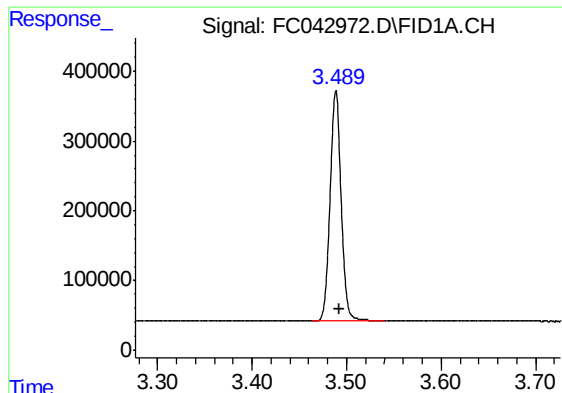
(m)=manual int.

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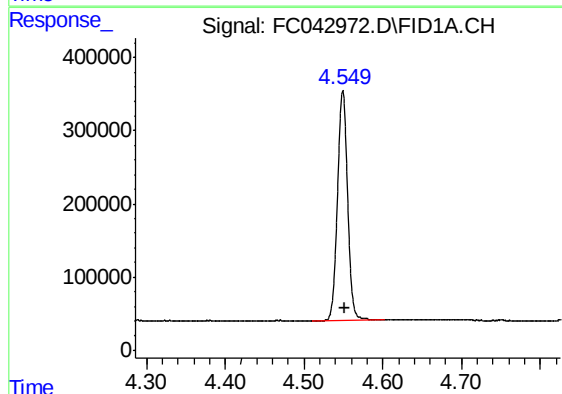
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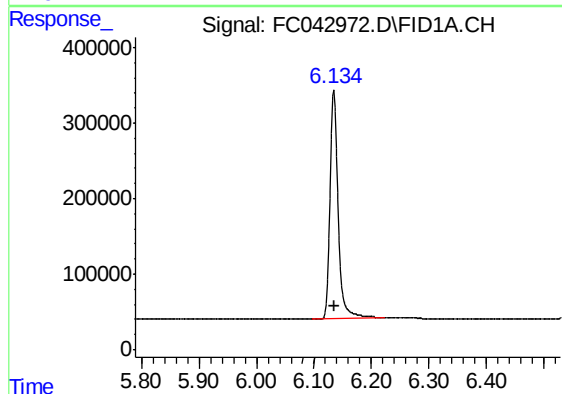
#1 n-Nonane (C9)

R.T.: 3.489 min
Delta R.T.: -0.003 min
Response: 2696844
Conc: 21.75 ug/ml



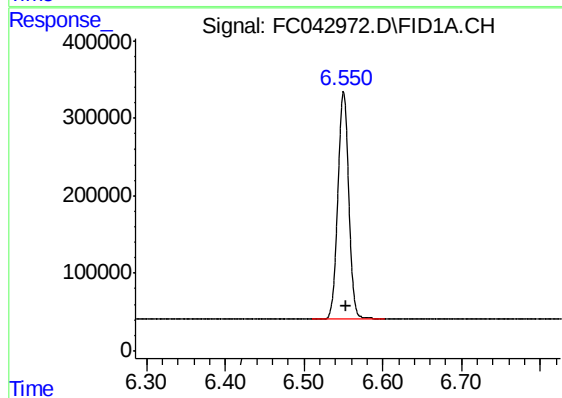
#2 n-Decane (C10)

R.T.: 4.549 min
Delta R.T.: -0.003 min
Response: 2784528
Conc: 22.19 ug/ml



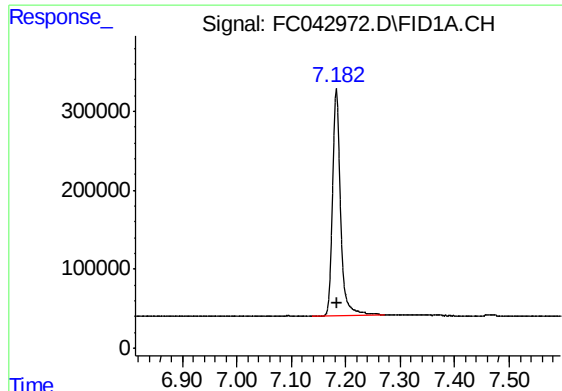
#3 A~Naphthalene (C11.7)

R.T.: 6.135 min
Delta R.T.: -0.002 min
Response: 2970476
Conc: 21.93 ug/ml



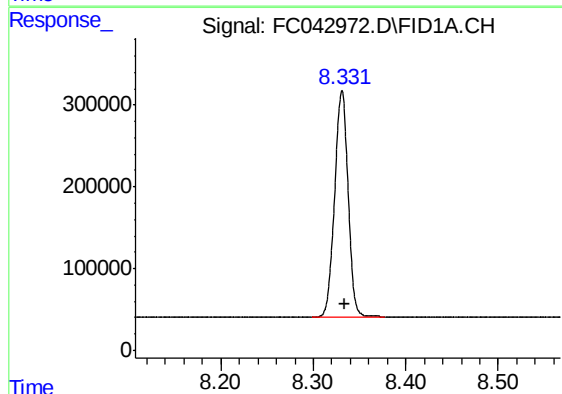
#4 n-Dodecane (C12)

R.T.: 6.550 min
Delta R.T.: -0.003 min
Response: 2811494
Conc: 22.17 ug/ml



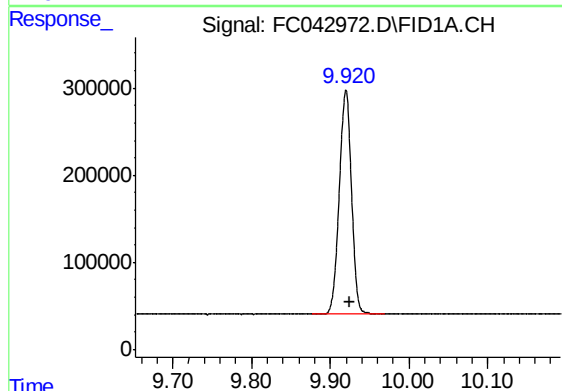
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.183 min
Delta R.T.: -0.002 min
Response: 2960863
Conc: 21.77 ug/ml



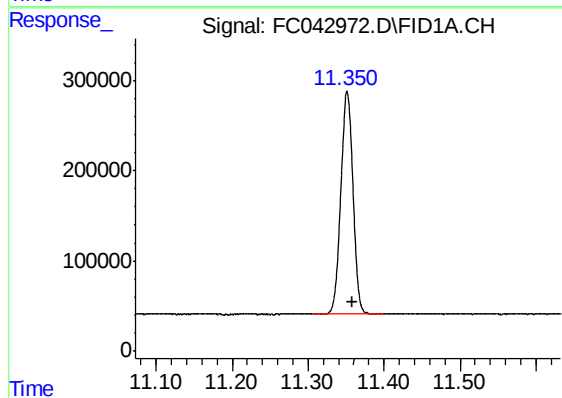
#6 n-Tetradecane (C14)

R.T.: 8.331 min
Delta R.T.: -0.004 min
Response: 2791789
Conc: 21.88 ug/ml



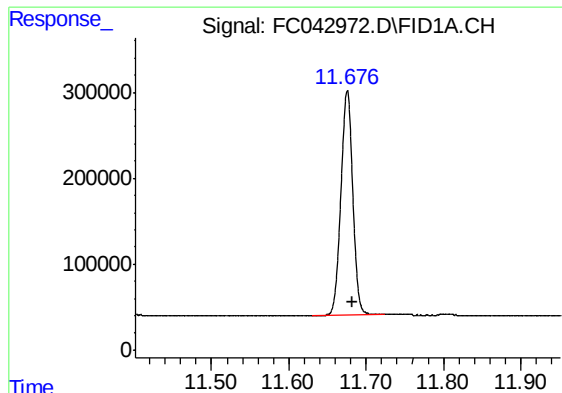
#7 n-Hexadecane (C16)

R.T.: 9.920 min
Delta R.T.: -0.005 min
Response: 2766829
Conc: 21.41 ug/ml



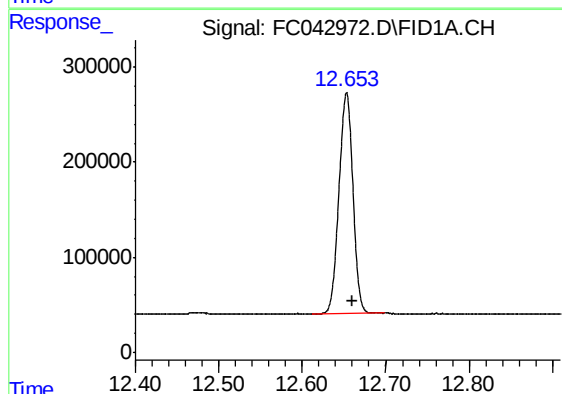
#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: -0.007 min
Response: 2738736
Conc: 20.70 ug/ml



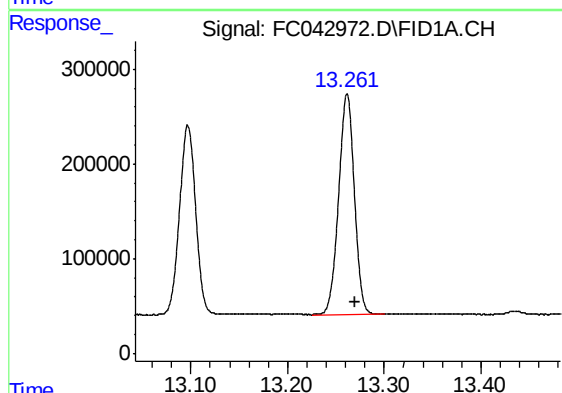
#9 ortho-Terphenyl (SURR)

R.T.: 11.676 min
Delta R.T.: -0.007 min
Response: 2790075
Conc: 19.64 ug/ml



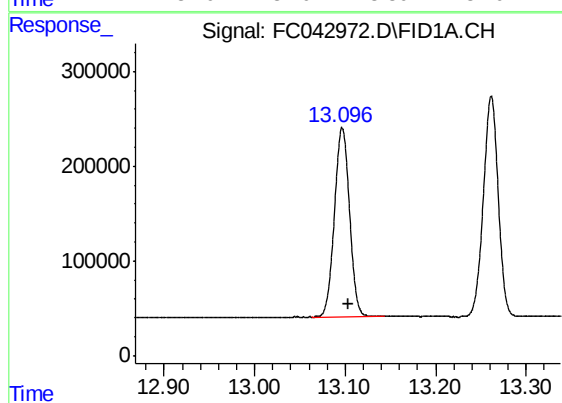
#10 n-Eicosane (C20)

R.T.: 12.653 min
Delta R.T.: -0.007 min
Response: 2700152
Conc: 19.98 ug/ml



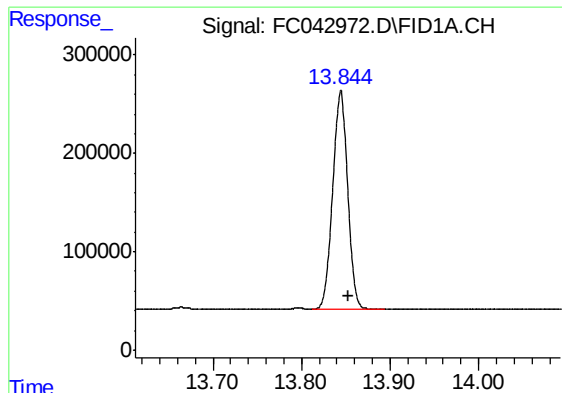
#11 n-Heneicosane (C21)

R.T.: 13.262 min
Delta R.T.: -0.007 min
Response: 2646437
Conc: 19.58 ug/ml



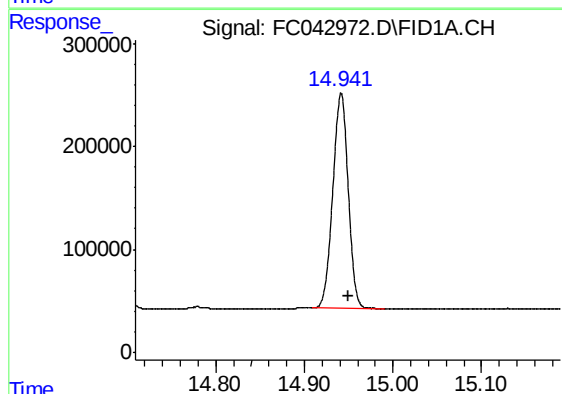
#12 1-chlorooctadecane (SURR)

R.T.: 13.097 min
Delta R.T.: -0.008 min
Response: 2297256
Conc: 19.35 ug/ml



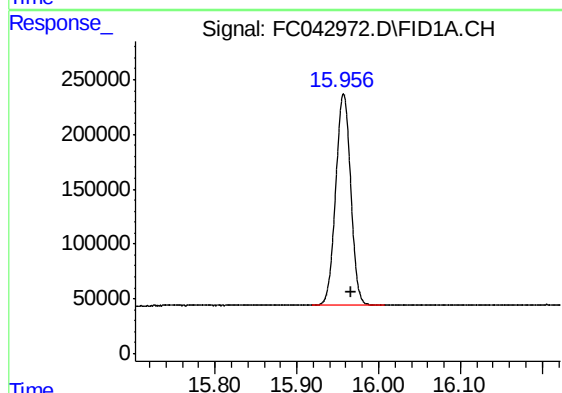
#13 n-Docosane (C22)

R.T.: 13.844 min
Delta R.T.: -0.008 min
Response: 2606987
Conc: 19.20 ug/ml



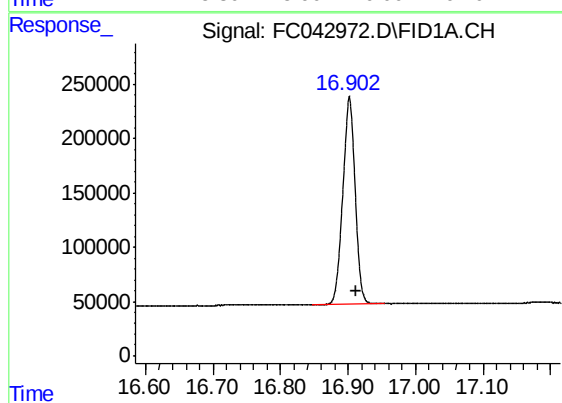
#14 n-Tetracosane (C24)

R.T.: 14.942 min
Delta R.T.: -0.009 min
Response: 2520833
Conc: 18.51 ug/ml



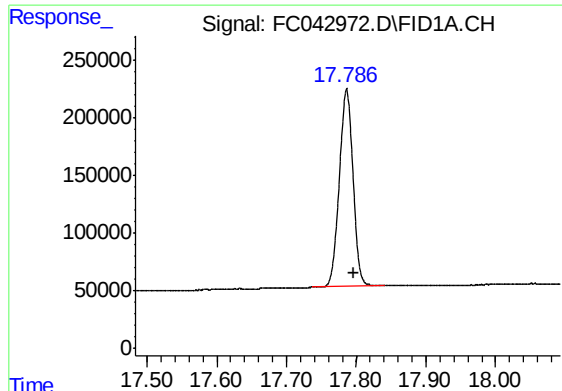
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.010 min
Response: 2455622
Conc: 18.20 ug/ml



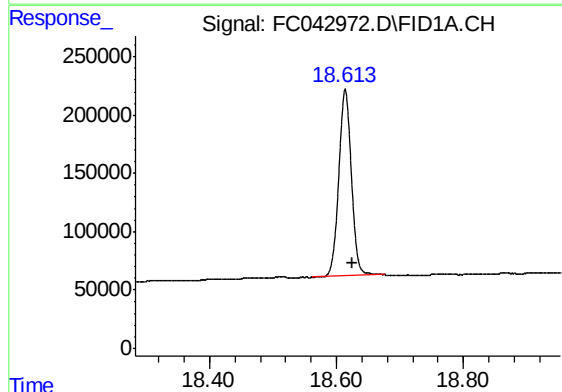
#16 n-Octacosane (C28)

R.T.: 16.902 min
Delta R.T.: -0.011 min
Response: 2420965
Conc: 18.19 ug/ml



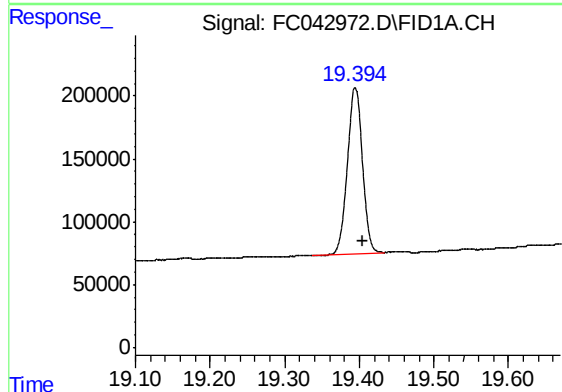
#17 n-Tricontane (C30)

R.T.: 17.786 min
Delta R.T.: -0.010 min
Response: 2346461
Conc: 18.33 ug/ml



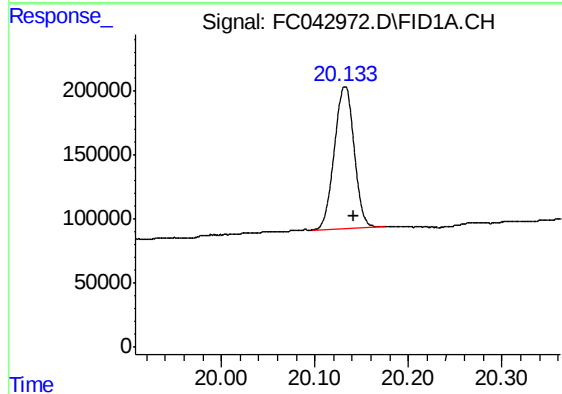
#18 n-Dotriacontane (C32)

R.T.: 18.614 min
Delta R.T.: -0.011 min
Response: 2205643
Conc: 18.92 ug/ml



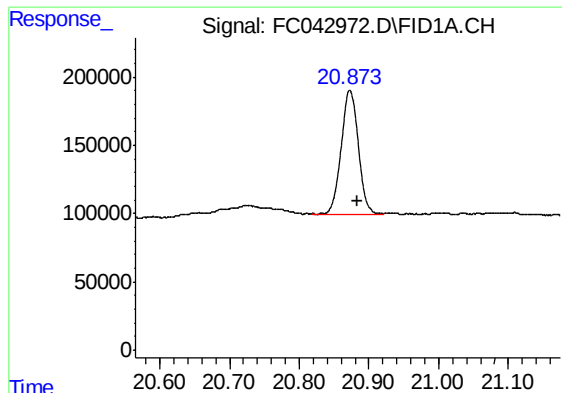
#19 n-Tetatriacontane (C34)

R.T.: 19.395 min
Delta R.T.: -0.009 min
Response: 1847872
Conc: 19.23 ug/ml



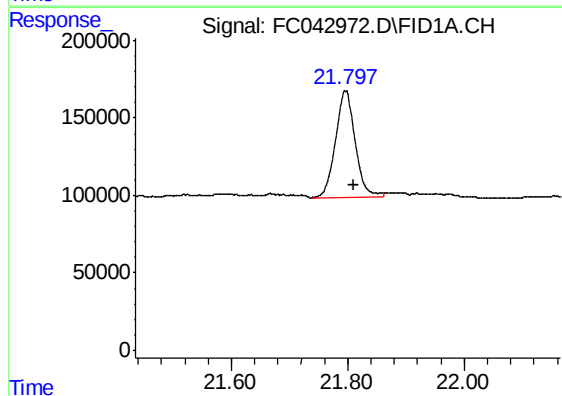
#20 n-Hexatriacontane (C36)

R.T.: 20.133 min
Delta R.T.: -0.008 min
Response: 1637392
Conc: 19.74 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.872 min
Delta R.T.: -0.012 min
Response: 1540297
Conc: 20.82 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.797 min
Delta R.T.: -0.013 min
Response: 1624656
Conc: 22.49 ug/ml m