

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090120AL\
 Data File : FC049381.D
 Signal(s) : FID1A.CH
 Acq On : 02 Sep 2020 3:20
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 02 07:23:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.670	2663905	22.421 ug/ml
Spiked Amount 50.000		Recovery =	44.84%
12) S 1-chlorooctadecane (S...	13.102	2168284	22.289 ug/ml
Spiked Amount 50.000		Recovery =	44.58%
Target Compounds			
1) T n-Nonane (C9)	3.403	2313521	22.182 ug/ml
2) T n-Decane (C10)	4.478	2390574	22.792 ug/ml
3) T A~Naphthalene (C11.7)	6.076	2737115	23.144 ug/ml
4) T n-Dodecane (C12)	6.504	2461965	23.212 ug/ml
5) T A~2-methylnaphthalene...	7.136	2816565	23.360 ug/ml
6) T n-Tetradecane (C14)	8.302	2474700	23.500 ug/ml
7) T n-Hexadecane (C16)	9.904	2468203	23.515 ug/ml
8) T n-Octadecane (C18)	11.347	2575801	23.446 ug/ml
10) T n-Eicosane (C20)	12.656	2549407	22.909 ug/ml
11) T n-Heneicosane (C21)	13.269	2515172	22.516 ug/ml
13) T n-Docosane (C22)	13.855	2487751	22.133 ug/ml
14) T n-Tetracosane (C24)	14.956	2396697	21.081 ug/ml
15) T n-Hexacosane (C26)	15.977	2298072	20.085 ug/ml
16) T n-Octacosane (C28)	16.925	2242571	19.276 ug/ml
17) T n-Tricontane (C30)	17.811	2178638	18.847 ug/ml
18) T n-Dotriacontane (C32)	18.643	2019792	18.680 ug/ml
19) T n-Tetratriacontane (C34)	19.425	1916412	18.477 ug/ml
20) T n-Hexatriacontane (C36)	20.163	1863497	18.742 ug/mlm
21) T n-Octatriacontane (C38)	20.914	1829953	19.352 ug/ml
22) T n-Tetracontane (C40)	21.861	1844112	19.317 ug/ml

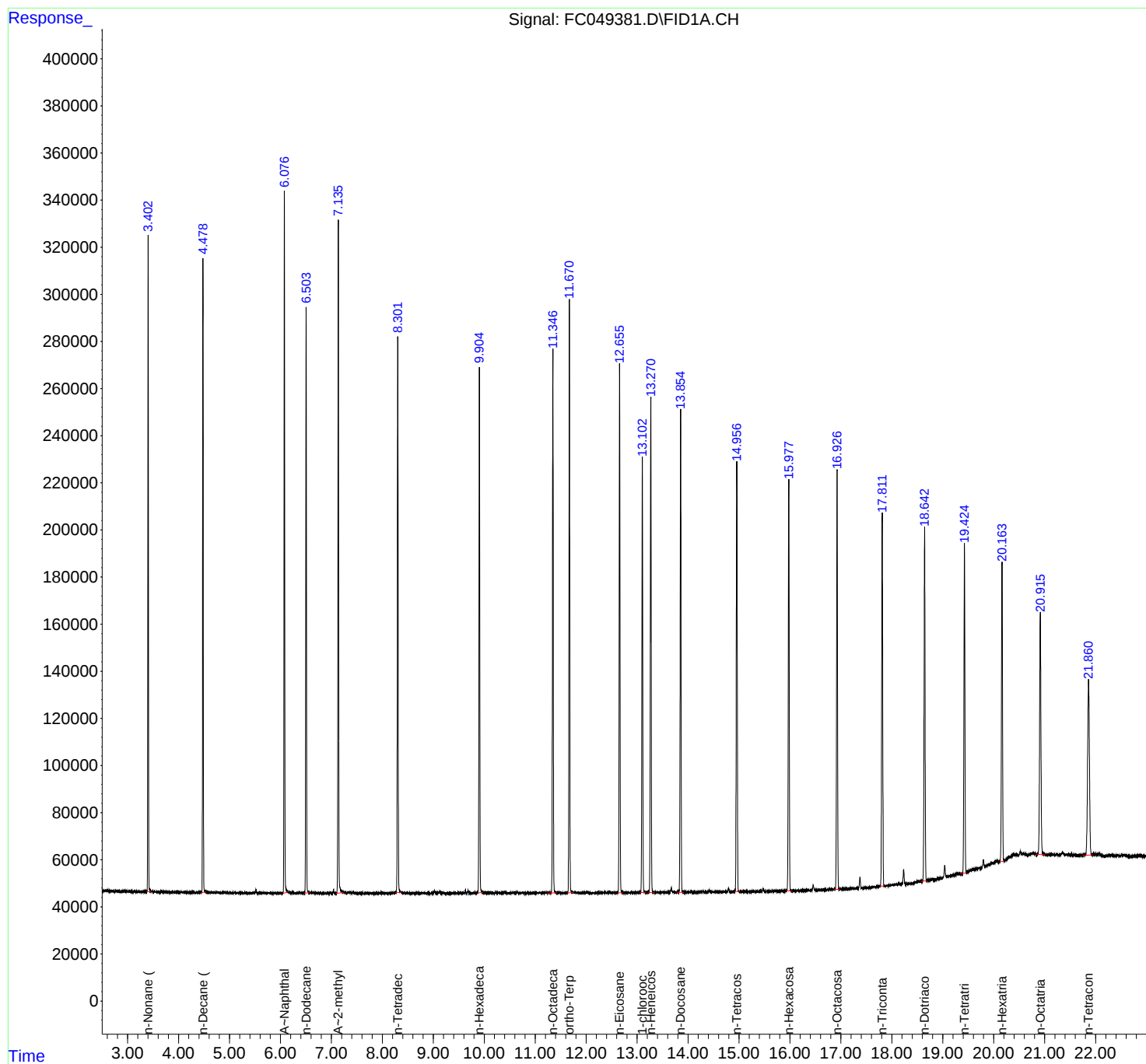
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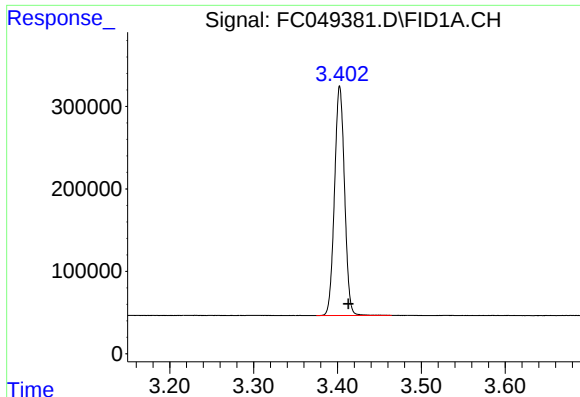
(m)=manual int.

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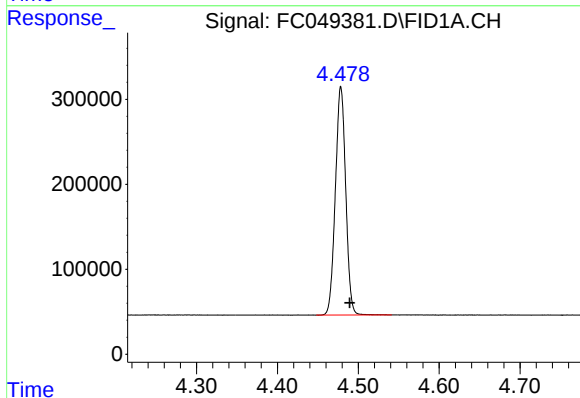
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





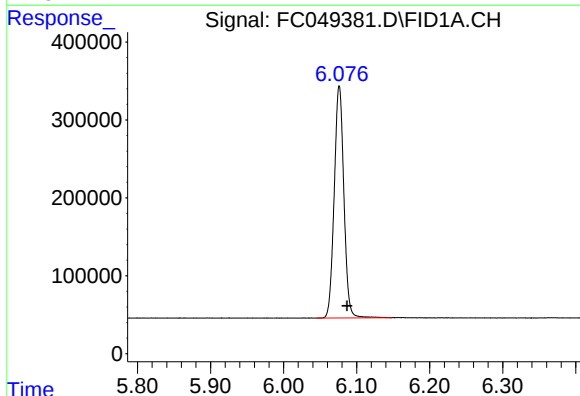
#1 n-Nonane (C9)

R.T.: 3.403 min
Delta R.T.: -0.010 min
Response: 2313521
Conc: 22.18 ug/ml



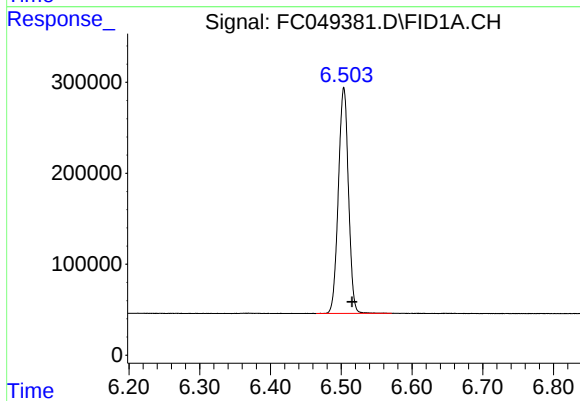
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: -0.011 min
Response: 2390574
Conc: 22.79 ug/ml



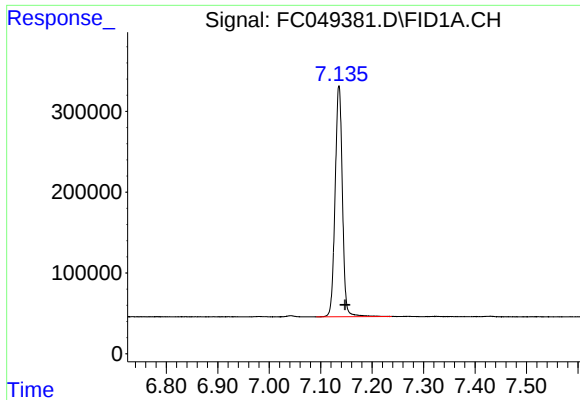
#3 A~Naphthalene (C11.7)

R.T.: 6.076 min
Delta R.T.: -0.011 min
Response: 2737115
Conc: 23.14 ug/ml



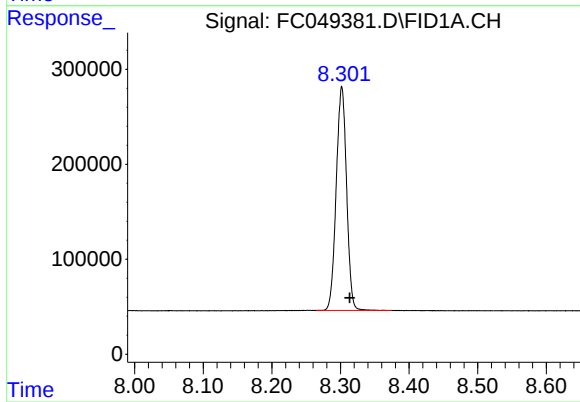
#4 n-Dodecane (C12)

R.T.: 6.504 min
Delta R.T.: -0.012 min
Response: 2461965
Conc: 23.21 ug/ml



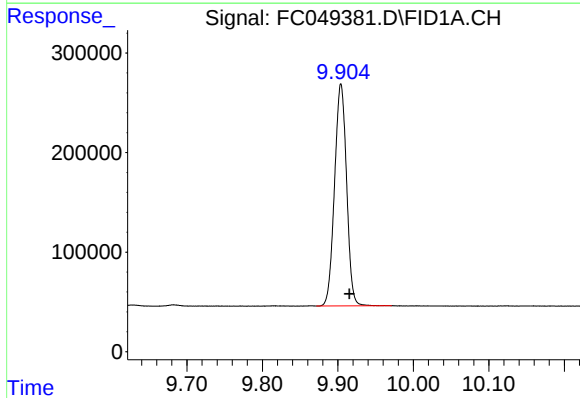
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.136 min
Delta R.T.: -0.012 min
Response: 2816565
Conc: 23.36 ug/ml



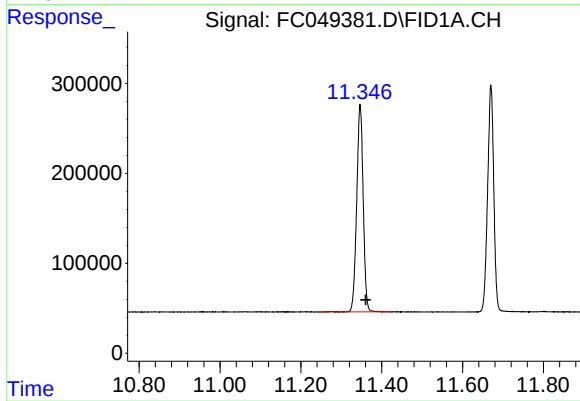
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: -0.012 min
Response: 2474700
Conc: 23.50 ug/ml



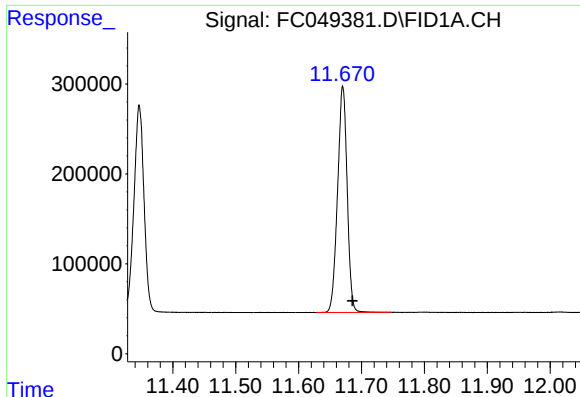
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: -0.011 min
Response: 2468203
Conc: 23.51 ug/ml



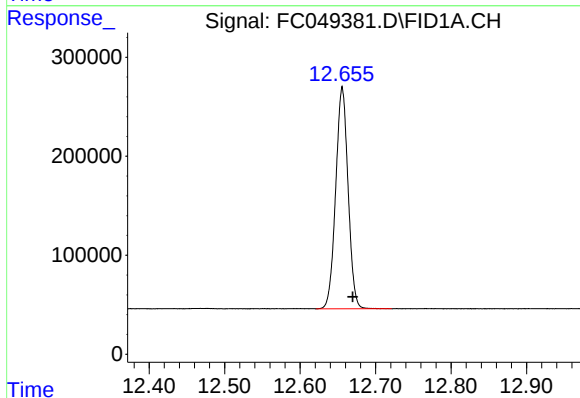
#8 n-Octadecane (C18)

R.T.: 11.347 min
Delta R.T.: -0.014 min
Response: 2575801
Conc: 23.45 ug/ml



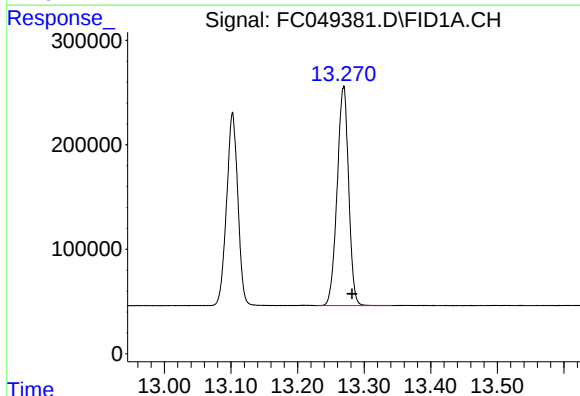
#9 ortho-Terphenyl (SURR)

R.T.: 11.670 min
Delta R.T.: -0.015 min
Response: 2663905
Conc: 22.42 ug/ml



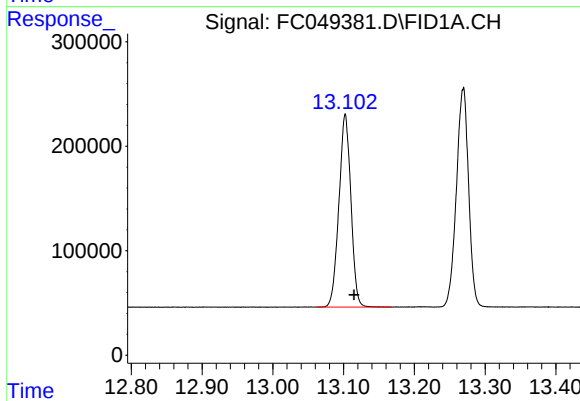
#10 n-Eicosane (C20)

R.T.: 12.656 min
Delta R.T.: -0.014 min
Response: 2549407
Conc: 22.91 ug/ml



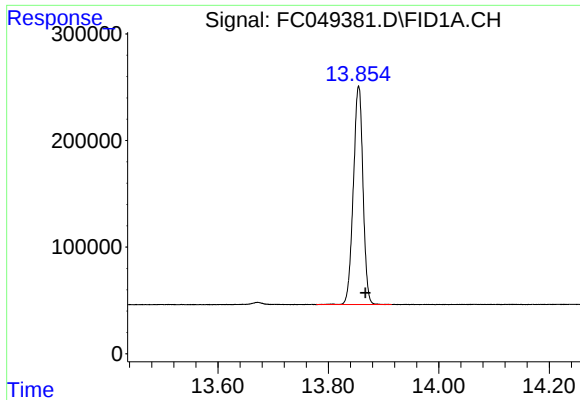
#11 n-Heneicosane (C21)

R.T.: 13.269 min
Delta R.T.: -0.013 min
Response: 2515172
Conc: 22.52 ug/ml



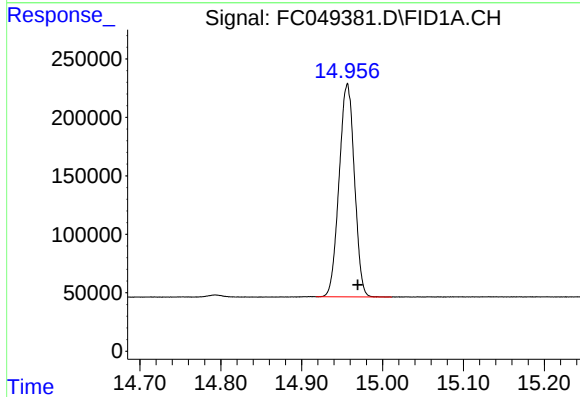
#12 1-chlorooctadecane (SURR)

R.T.: 13.102 min
Delta R.T.: -0.013 min
Response: 2168284
Conc: 22.29 ug/ml



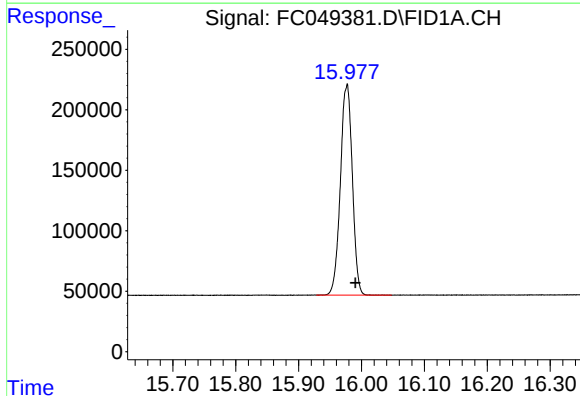
#13 n-Docosane (C22)

R.T.: 13.855 min
Delta R.T.: -0.013 min
Response: 2487751
Conc: 22.13 ug/ml



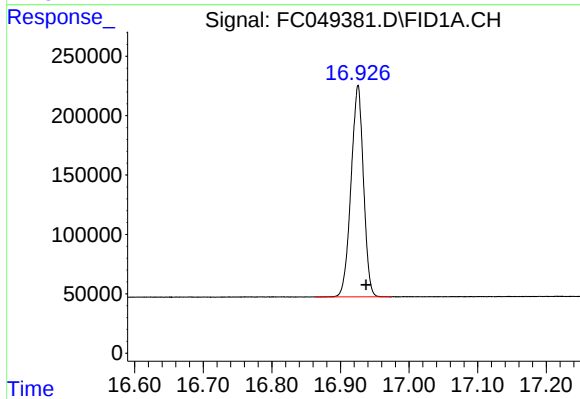
#14 n-Tetracosane (C24)

R.T.: 14.956 min
Delta R.T.: -0.013 min
Response: 2396697
Conc: 21.08 ug/ml



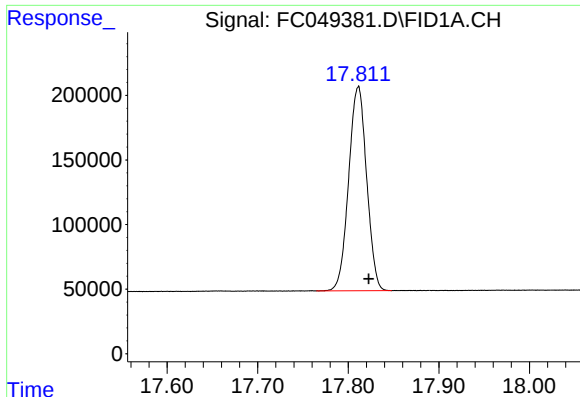
#15 n-Hexacosane (C26)

R.T.: 15.977 min
Delta R.T.: -0.014 min
Response: 2298072
Conc: 20.08 ug/ml



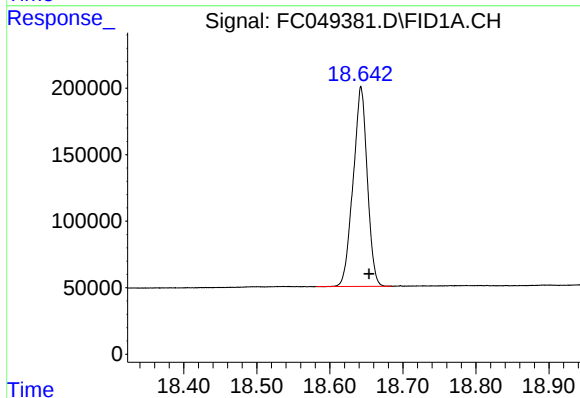
#16 n-Octacosane (C28)

R.T.: 16.925 min
Delta R.T.: -0.012 min
Response: 2242571
Conc: 19.28 ug/ml



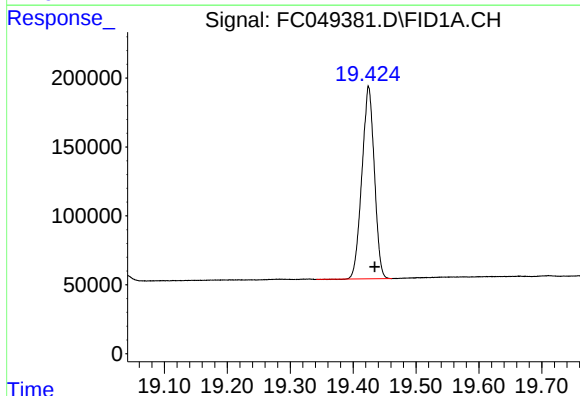
#17 n-Tricontane (C30)

R.T.: 17.811 min
Delta R.T.: -0.012 min
Response: 2178638
Conc: 18.85 ug/ml



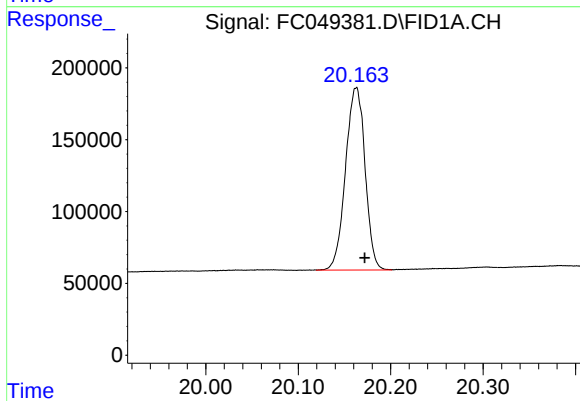
#18 n-Dotriacontane (C32)

R.T.: 18.643 min
Delta R.T.: -0.011 min
Response: 2019792
Conc: 18.68 ug/ml



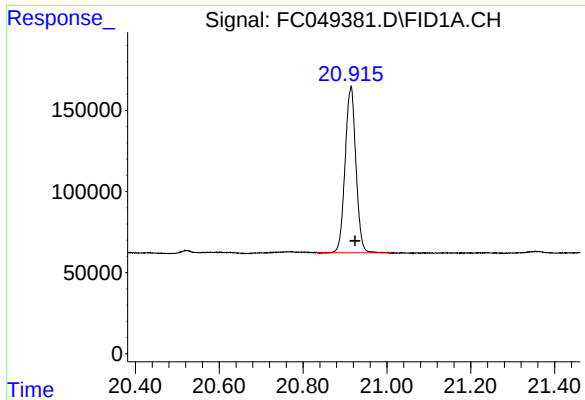
#19 n-Tetratriacontane (C34)

R.T.: 19.425 min
Delta R.T.: -0.010 min
Response: 1916412
Conc: 18.48 ug/ml



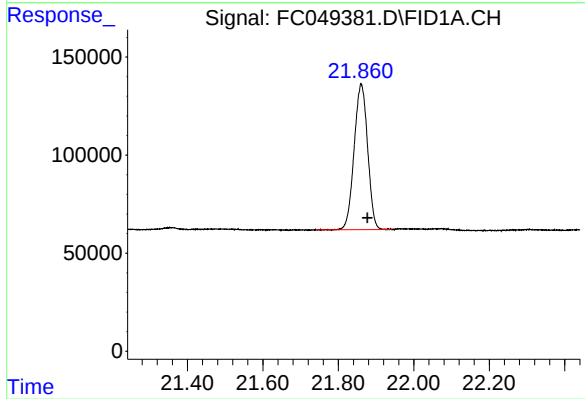
#20 n-Hexatriacontane (C36)

R.T.: 20.163 min
Delta R.T.: -0.009 min
Response: 1863497
Conc: 18.74 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.914 min
Delta R.T.: -0.010 min
Response: 1829953
Conc: 19.35 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.861 min
Delta R.T.: -0.016 min
Response: 1844112
Conc: 19.32 ug/ml