

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102820AL\
 Data File : FC050401.D
 Signal(s) : FID1A.CH
 Acq On : 28 Oct 2020 23:54
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 02:37:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 100620.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 07 04:53:04 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)	11.625	2079407	18.551 ug/ml
Spiked Amount 50.000		Recovery =	37.10%
12) S 1-chlorooctadecane (S...	13.059	1598320	18.451 ug/ml
Spiked Amount 50.000		Recovery =	36.90%
Target Compounds			
1) T n-Nonane (C9)	3.371	2031461	20.499 ug/ml
2) T n-Decane (C10)	4.442	2046397	20.554 ug/ml
3) T A~Naphthalene (C11.7)	6.036	2200082	19.961 ug/ml
4) T n-Dodecane (C12)	6.463	2055607	20.372 ug/ml
5) T A~2-methylnaphthalene...	7.094	2197000	19.738 ug/ml
6) T n-Tetradecane (C14)	8.260	2014656	20.110 ug/ml
7) T n-Hexadecane (C16)	9.862	1949962	19.785 ug/ml
8) T n-Octadecane (C18)	11.304	2003315	19.398 ug/ml
10) T n-Eicosane (C20)	12.613	1962380	18.859 ug/ml
11) T n-Heneicosane (C21)	13.226	1932489	18.597 ug/ml
13) T n-Docosane (C22)	13.811	1914403	18.442 ug/ml
14) T n-Tetracosane (C24)	14.913	1864399	17.950 ug/ml
15) T n-Hexacosane (C26)	15.933	1827554	17.735 ug/ml
16) T n-Octacosane (C28)	16.883	1817610	17.563 ug/ml
17) T n-Tricontane (C30)	17.769	1793831	17.578 ug/ml
18) T n-Dotriacontane (C32)	18.598	1703140	17.729 ug/ml
19) T n-Tetratriacontane (C34)	19.382	1631011	17.782 ug/ml
20) T n-Hexatriacontane (C36)	20.120	1574081	17.771 ug/mlm
21) T n-Octatriacontane (C38)	20.865	1509723	18.309 ug/ml
22) T n-Tetracontane (C40)	21.796	1574337	18.827 ug/ml

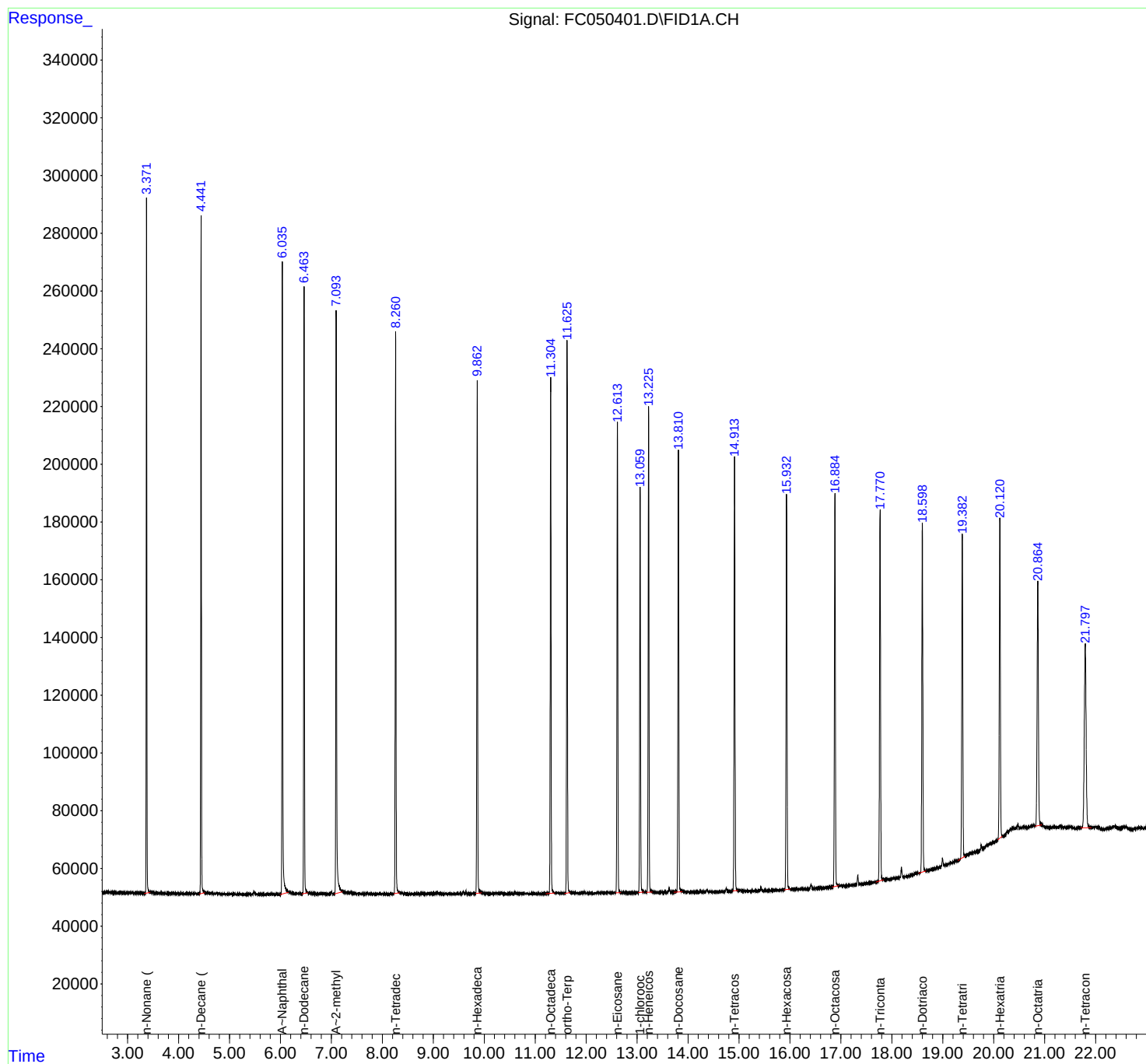
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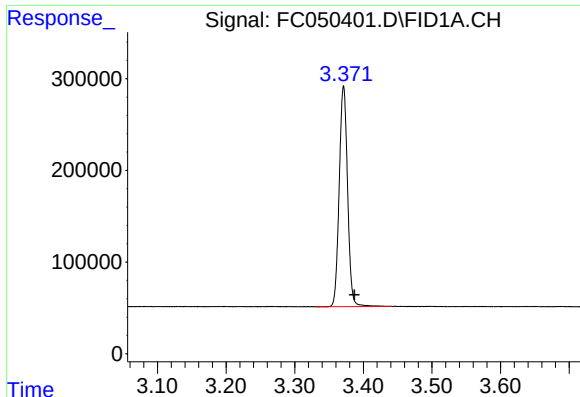
(m)=manual int.

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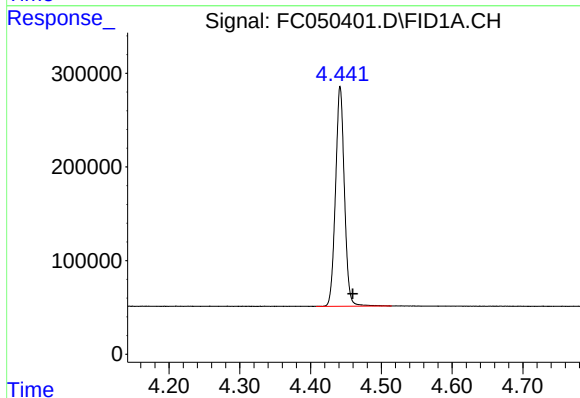
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Signal Info : 20M x 0.18mm x 0.18um





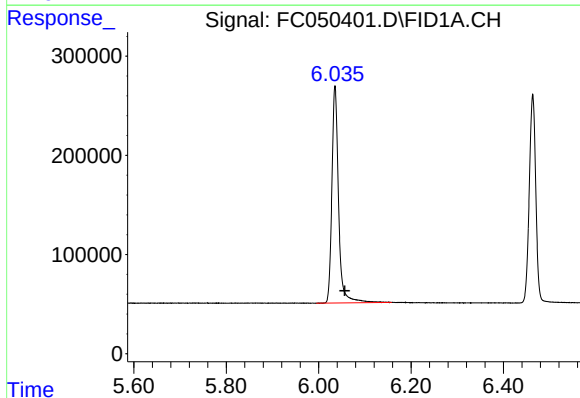
#1 n-Nonane (C9)

R.T.: 3.371 min
Delta R.T.: -0.016 min
Response: 2031461
Conc: 20.50 ug/ml



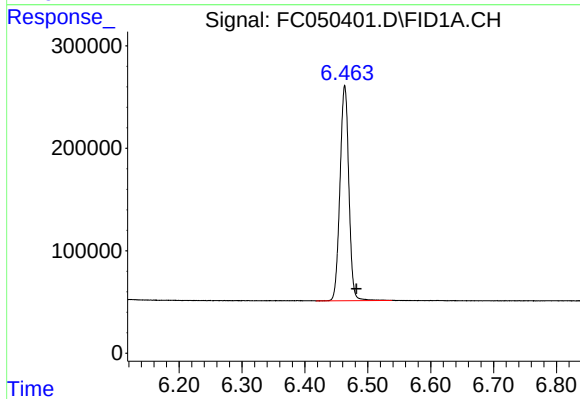
#2 n-Decane (C10)

R.T.: 4.442 min
Delta R.T.: -0.018 min
Response: 2046397
Conc: 20.55 ug/ml



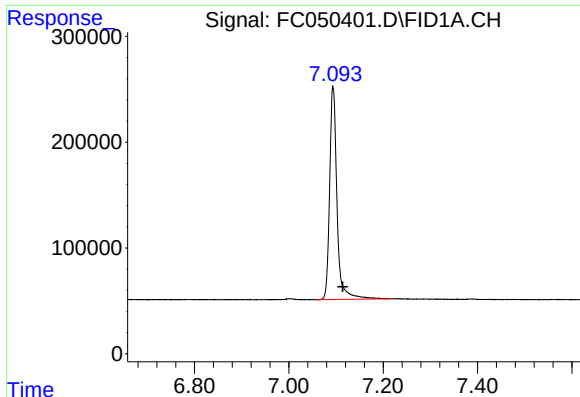
#3 A~Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.021 min
Response: 2200082
Conc: 19.96 ug/ml



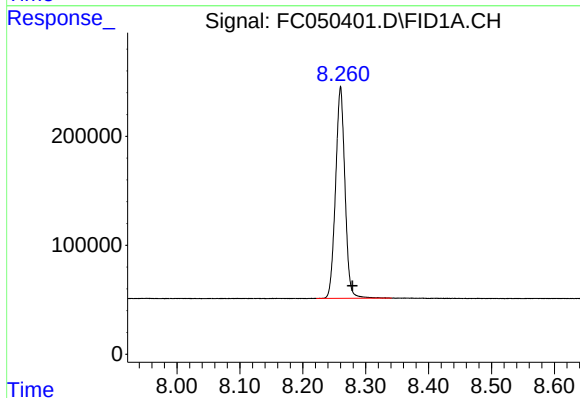
#4 n-Dodecane (C12)

R.T.: 6.463 min
Delta R.T.: -0.019 min
Response: 2055607
Conc: 20.37 ug/ml



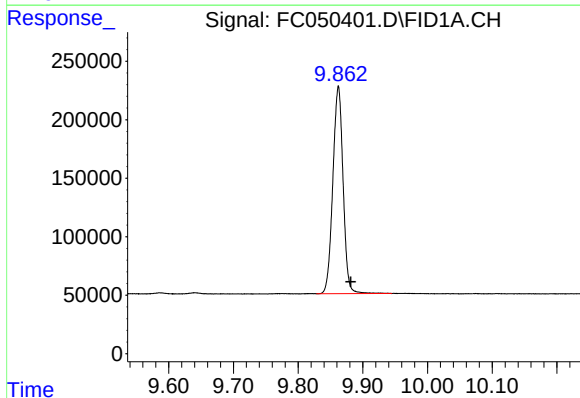
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.094 min
Delta R.T.: -0.020 min
Response: 2197000
Conc: 19.74 ug/ml



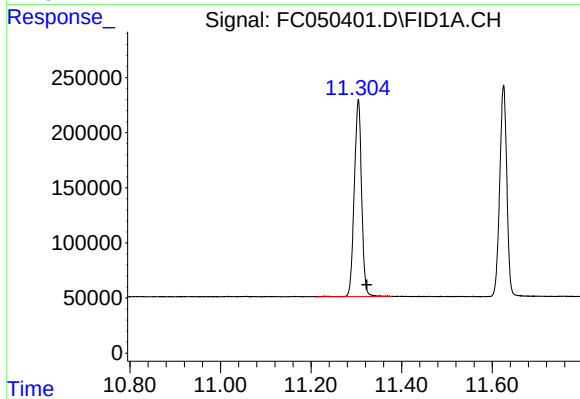
#6 n-Tetradecane (C14)

R.T.: 8.260 min
Delta R.T.: -0.019 min
Response: 2014656
Conc: 20.11 ug/ml



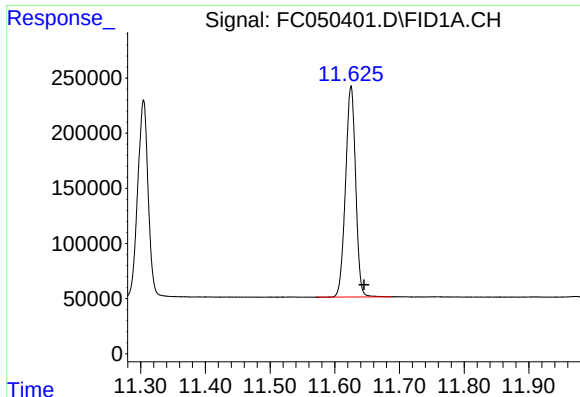
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.019 min
Response: 1949962
Conc: 19.79 ug/ml



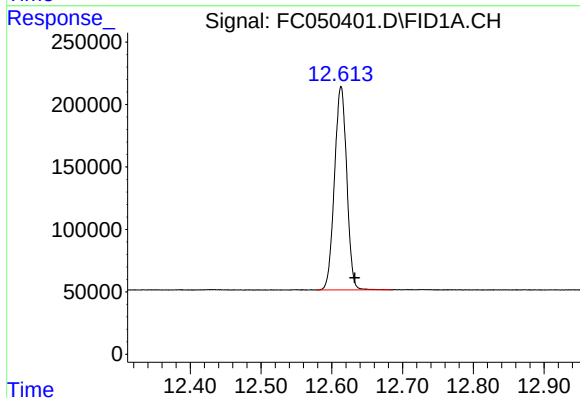
#8 n-Octadecane (C18)

R.T.: 11.304 min
Delta R.T.: -0.019 min
Response: 2003315
Conc: 19.40 ug/ml



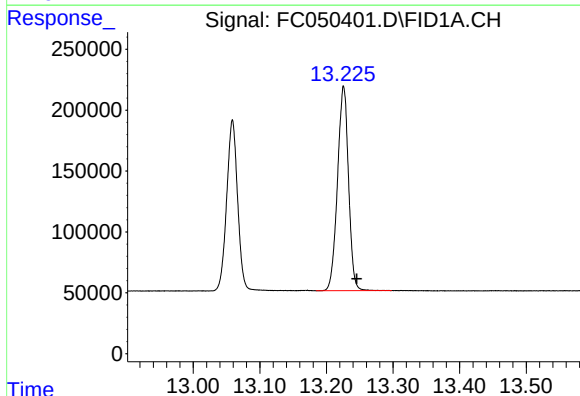
#9 ortho-Terphenyl (SURR)

R.T.: 11.625 min
Delta R.T.: -0.020 min
Response: 2079407
Conc: 18.55 ug/ml



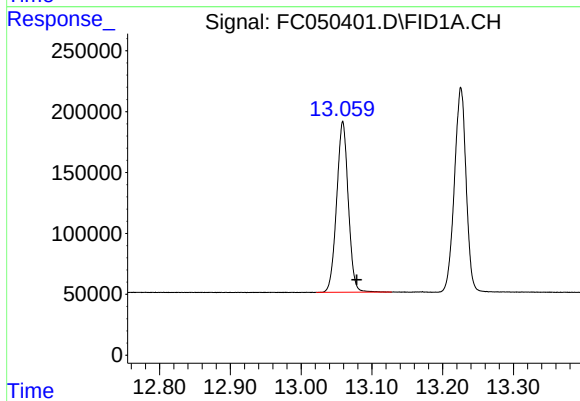
#10 n-Eicosane (C20)

R.T.: 12.613 min
Delta R.T.: -0.020 min
Response: 1962380
Conc: 18.86 ug/ml



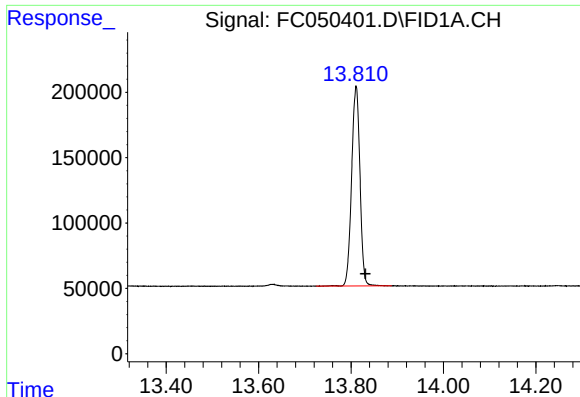
#11 n-Heneicosane (C21)

R.T.: 13.226 min
Delta R.T.: -0.020 min
Response: 1932489
Conc: 18.60 ug/ml



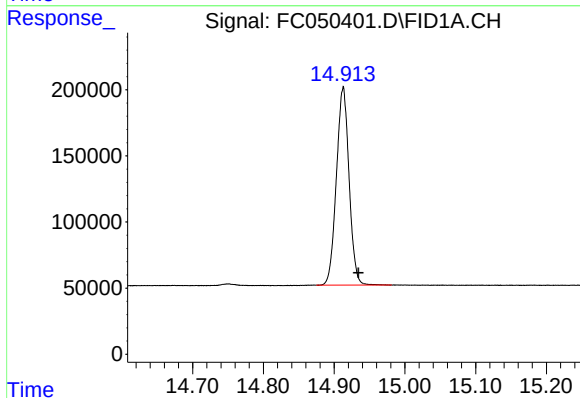
#12 1-chlorooctadecane (SURR)

R.T.: 13.059 min
Delta R.T.: -0.020 min
Response: 1598320
Conc: 18.45 ug/ml



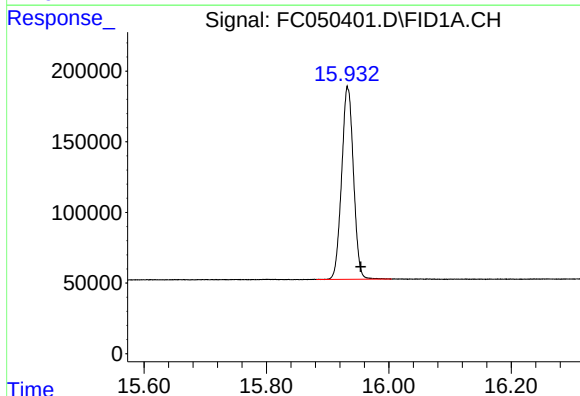
#13 n-Docosane (C22)

R.T.: 13.811 min
Delta R.T.: -0.021 min
Response: 1914403
Conc: 18.44 ug/ml



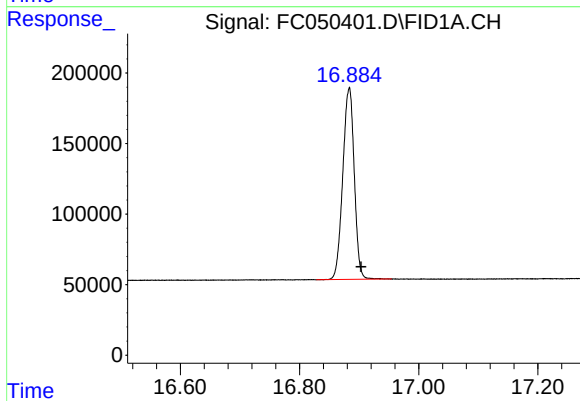
#14 n-Tetracosane (C24)

R.T.: 14.913 min
Delta R.T.: -0.022 min
Response: 1864399
Conc: 17.95 ug/ml



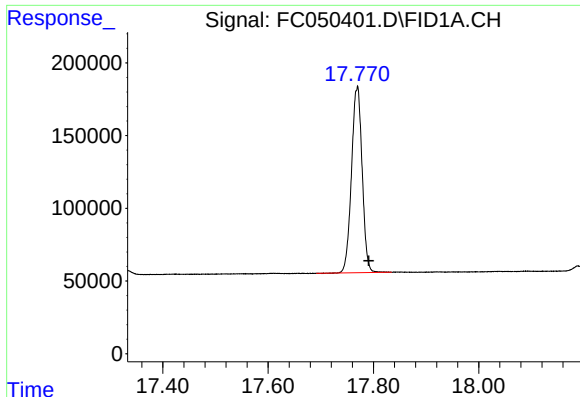
#15 n-Hexacosane (C26)

R.T.: 15.933 min
Delta R.T.: -0.021 min
Response: 1827554
Conc: 17.74 ug/ml



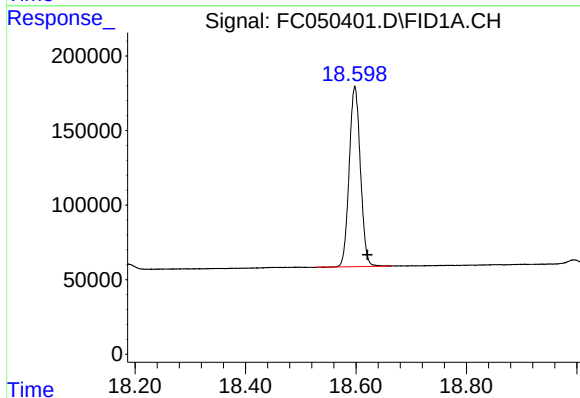
#16 n-Octacosane (C28)

R.T.: 16.883 min
Delta R.T.: -0.020 min
Response: 1817610
Conc: 17.56 ug/ml



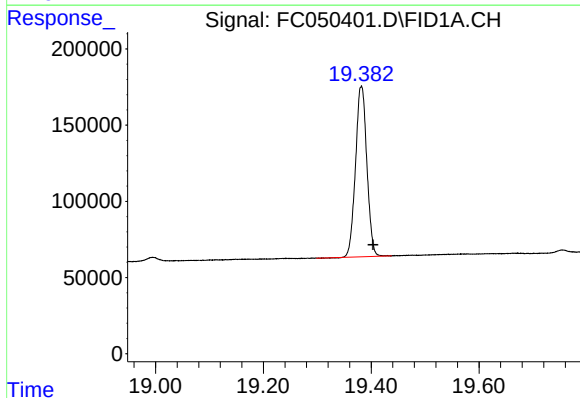
#17 n-Tricontane (C30)

R.T.: 17.769 min
Delta R.T.: -0.022 min
Response: 1793831
Conc: 17.58 ug/ml



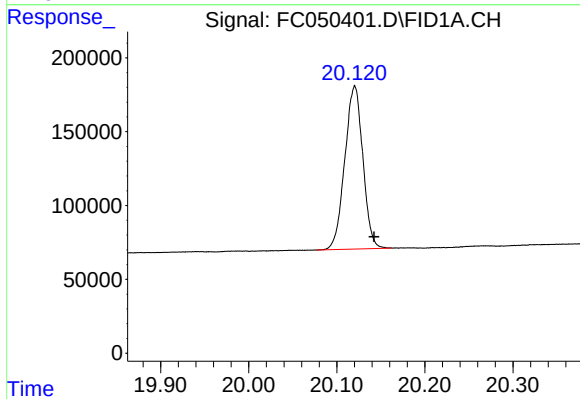
#18 n-Dotriacontane (C32)

R.T.: 18.598 min
Delta R.T.: -0.023 min
Response: 1703140
Conc: 17.73 ug/ml



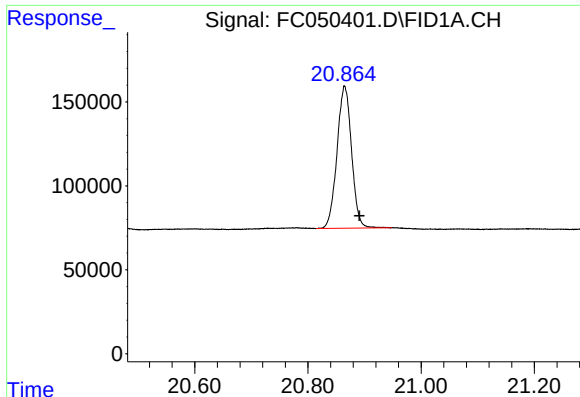
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.021 min
Response: 1631011
Conc: 17.78 ug/ml



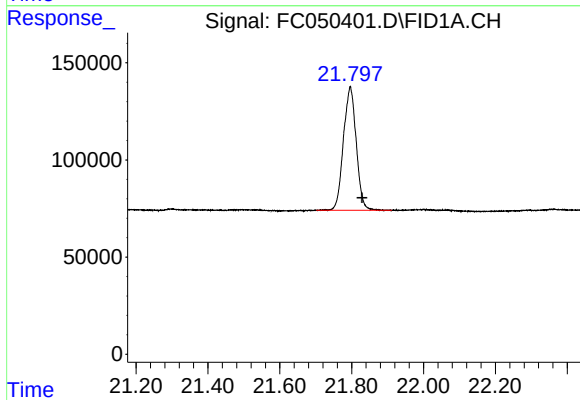
#20 n-Hexatriacontane (C36)

R.T.: 20.120 min
Delta R.T.: -0.022 min
Response: 1574081
Conc: 17.77 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: -0.026 min
Response: 1509723
Conc: 18.31 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.796 min
Delta R.T.: -0.033 min
Response: 1574337
Conc: 18.83 ug/ml