

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081719AL\
 Data File : FD030154.D
 Signal(s) : FID2B.CH
 Acq On : 16 Aug 2019 19:07
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 17 03:25:06 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 17:24:17 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)	11.558	2794229	20.328 ug/ml
Spiked Amount 50.000		Recovery =	40.66%
12) S 1-chlorooctadecane (S...	12.983	2275983	19.955 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
Target Compounds			
1) T n-Nonane (C9)	3.360	2622959	21.918 ug/ml
2) T n-Decane (C10)	4.421	2691697	22.133 ug/ml
3) T A-Naphthalene (C11.7)	5.999	3030353	22.012 ug/ml
4) T n-Dodecane (C12)	6.430	2697762	22.124 ug/ml
5) T A~2-methylnaphthalene...	7.051	3037935	21.966 ug/ml
6) T n-Tetradecane (C14)	8.216	2705501	21.934 ug/ml
7) T n-Hexadecane (C16)	9.808	2707225	21.681 ug/ml
8) T n-Octadecane (C18)	11.241	2693902	21.071 ug/ml
10) T n-Eicosane (C20)	12.541	2666625	20.539 ug/ml
11) T n-Heneicosane (C21)	13.149	2604408	20.054 ug/ml
13) T n-Docosane (C22)	13.731	2607434	19.969 ug/ml
14) T n-Tetracosane (C24)	14.826	2595359	19.774 ug/ml
15) T n-Hexacosane (C26)	15.839	2683281	20.804 ug/ml
16) T n-Octacosane (C28)	16.781	2780125	21.911 ug/ml
17) T n-Tricontane (C30)	17.661	2733783	22.559 ug/ml
18) T n-Dotriacontane (C32)	18.486	2482850	22.143 ug/ml
19) T n-Tetratriacontane (C34)	19.262	1953083	22.028 ug/ml
20) T n-Hexatriacontane (C36)	19.994	1660789	22.346 ug/ml
21) T n-Octatriacontane (C38)	20.708	1525943	22.925 ug/mlm
22) T n-Tetracontane (C40)	21.577	1516013	21.462 ug/mlm

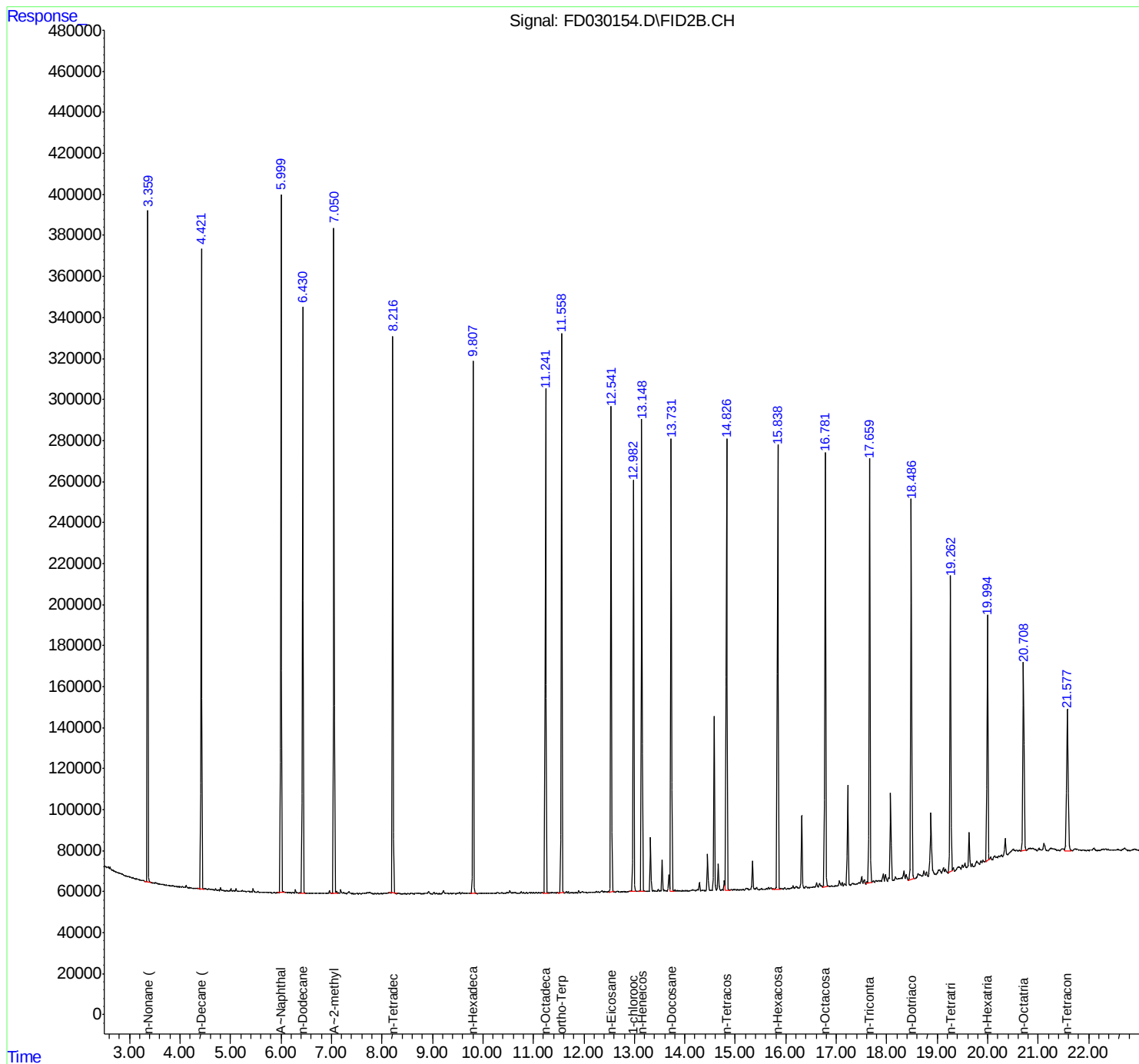
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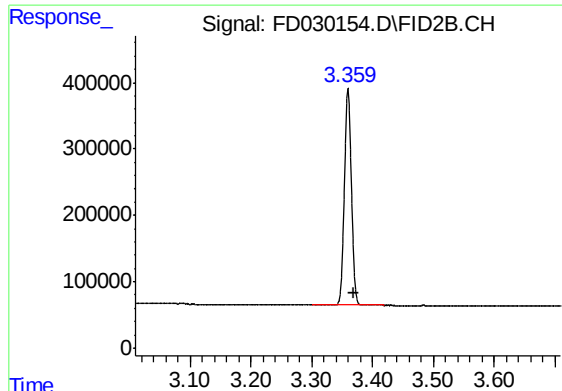
(m)=manual int.

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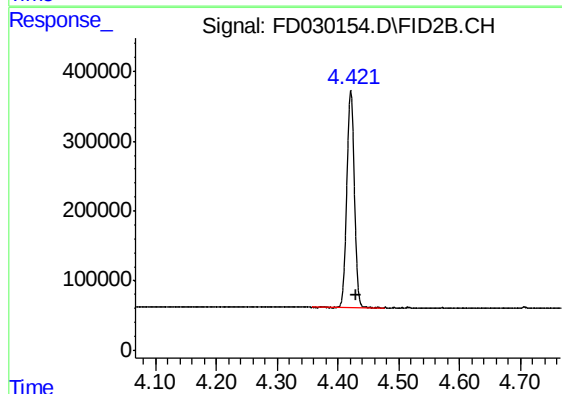
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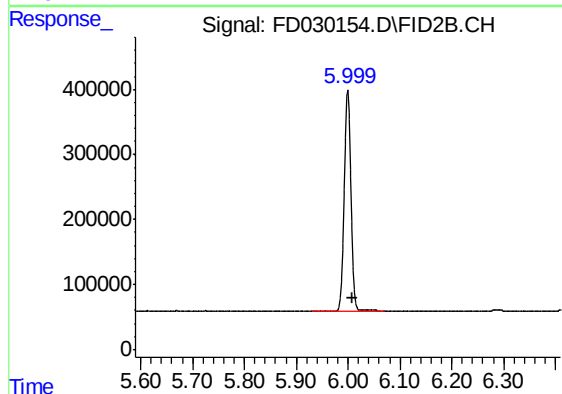
#1 n-Nonane (C9)

R.T.: 3.360 min
Delta R.T.: -0.009 min
Response: 2622959
Conc: 21.92 ug/ml



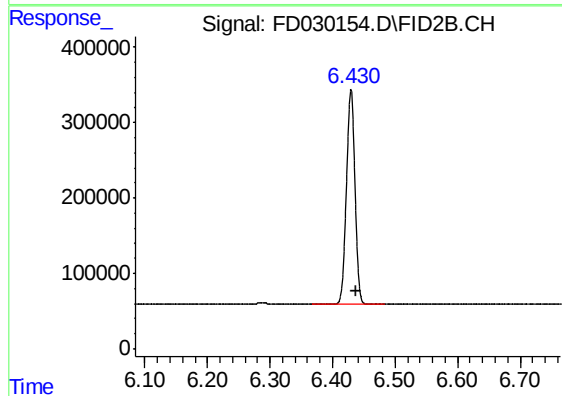
#2 n-Decane (C10)

R.T.: 4.421 min
Delta R.T.: -0.010 min
Response: 2691697
Conc: 22.13 ug/ml



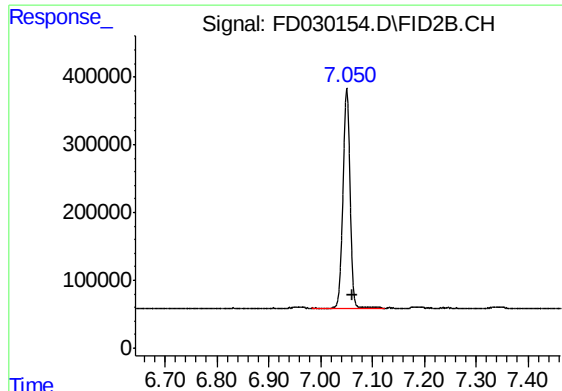
#3 A~Naphthalene (C11.7)

R.T.: 5.999 min
Delta R.T.: -0.010 min
Response: 3030353
Conc: 22.01 ug/ml



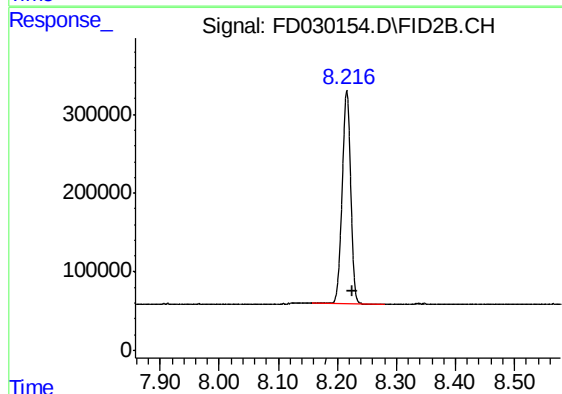
#4 n-Dodecane (C12)

R.T.: 6.430 min
Delta R.T.: -0.009 min
Response: 2697762
Conc: 22.12 ug/ml



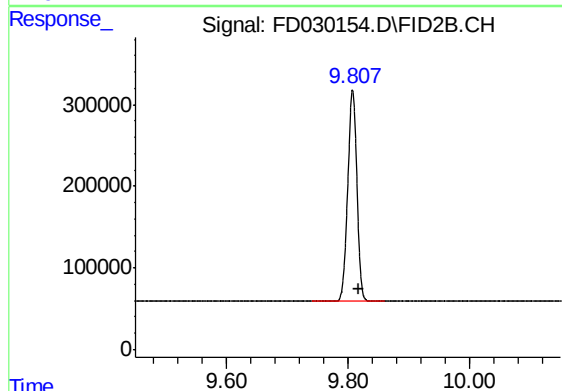
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.010 min
Response: 3037935
Conc: 21.97 ug/ml



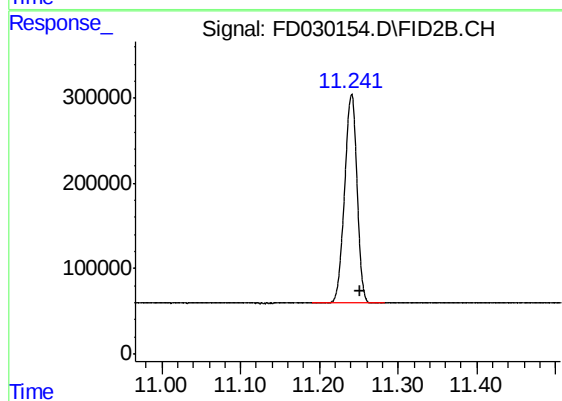
#6 n-Tetradecane (C14)

R.T.: 8.216 min
Delta R.T.: -0.009 min
Response: 2705501
Conc: 21.93 ug/ml



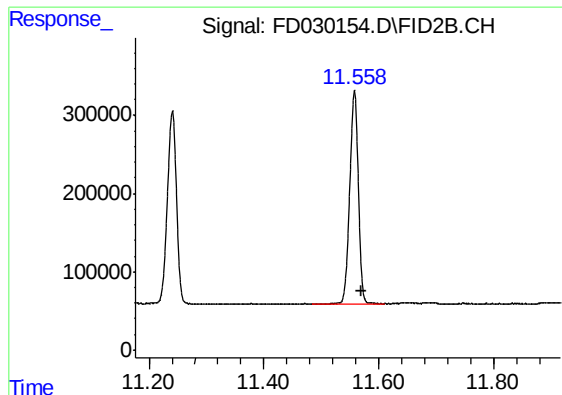
#7 n-Hexadecane (C16)

R.T.: 9.808 min
Delta R.T.: -0.010 min
Response: 2707225
Conc: 21.68 ug/ml



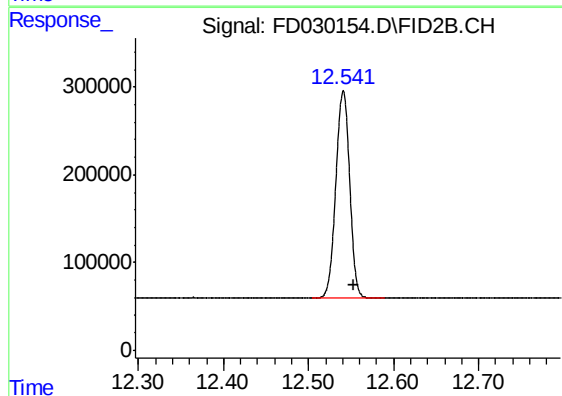
#8 n-Octadecane (C18)

R.T.: 11.241 min
Delta R.T.: -0.011 min
Response: 2693902
Conc: 21.07 ug/ml



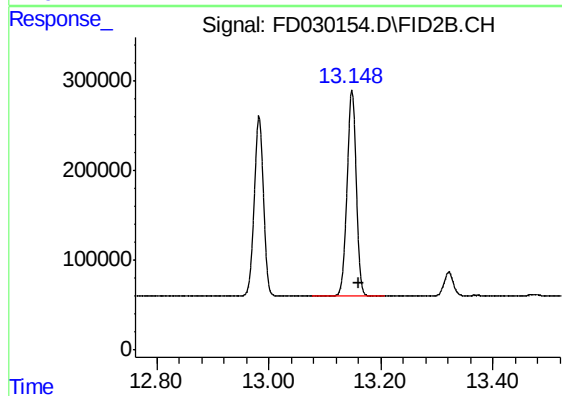
#9 ortho-Terphenyl (SURR)

R.T.: 11.558 min
Delta R.T.: -0.011 min
Response: 2794229
Conc: 20.33 ug/ml



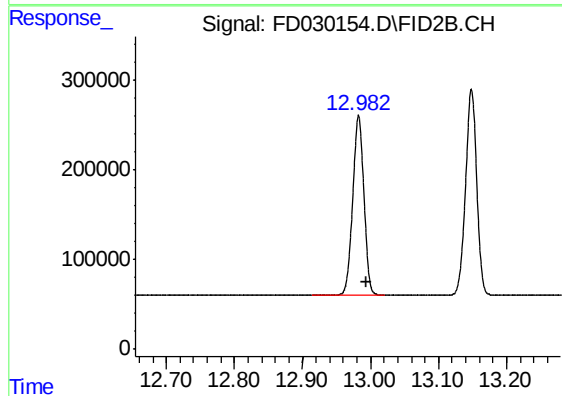
#10 n-Eicosane (C20)

R.T.: 12.541 min
Delta R.T.: -0.012 min
Response: 2666625
Conc: 20.54 ug/ml



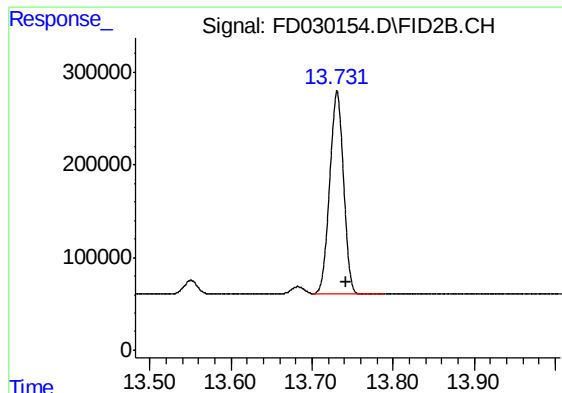
#11 n-Heneicosane (C21)

R.T.: 13.149 min
Delta R.T.: -0.012 min
Response: 2604408
Conc: 20.05 ug/ml



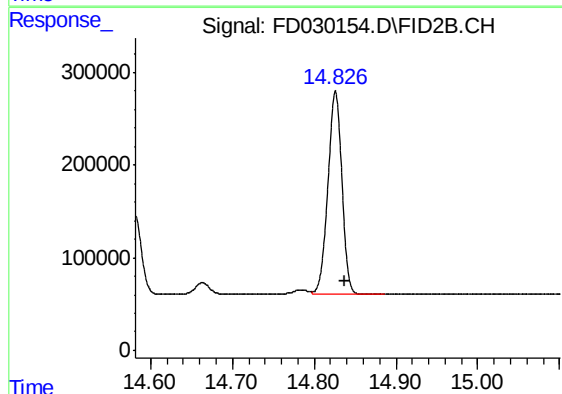
#12 1-chlorooctadecane (SURR)

R.T.: 12.983 min
Delta R.T.: -0.012 min
Response: 2275983
Conc: 19.96 ug/ml



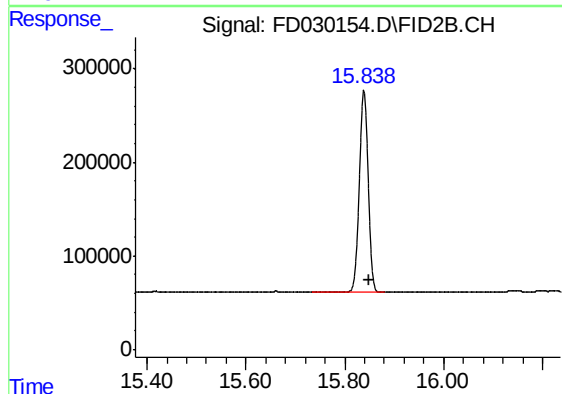
#13 n-Docosane (C22)

R.T.: 13.731 min
Delta R.T.: -0.011 min
Response: 2607434
Conc: 19.97 ug/ml



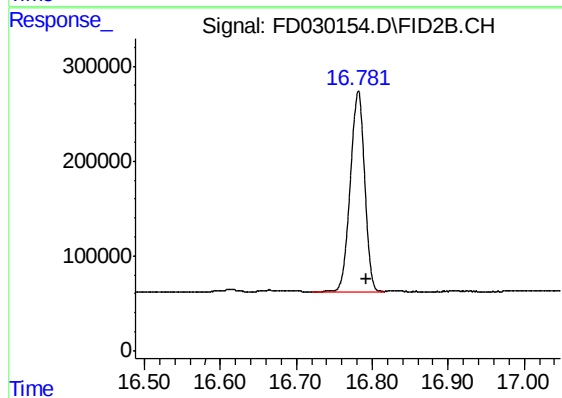
#14 n-Tetracosane (C24)

R.T.: 14.826 min
Delta R.T.: -0.011 min
Response: 2595359
Conc: 19.77 ug/ml



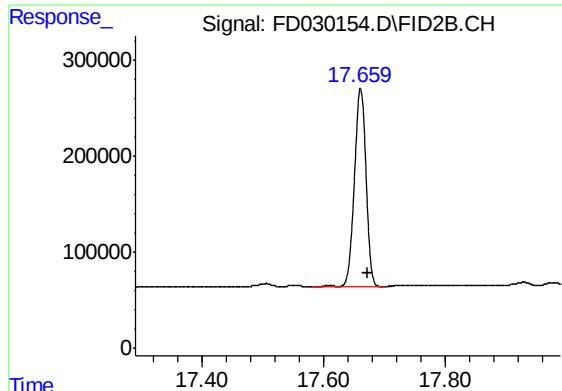
#15 n-Hexacosane (C26)

R.T.: 15.839 min
Delta R.T.: -0.011 min
Response: 2683281
Conc: 20.80 ug/ml



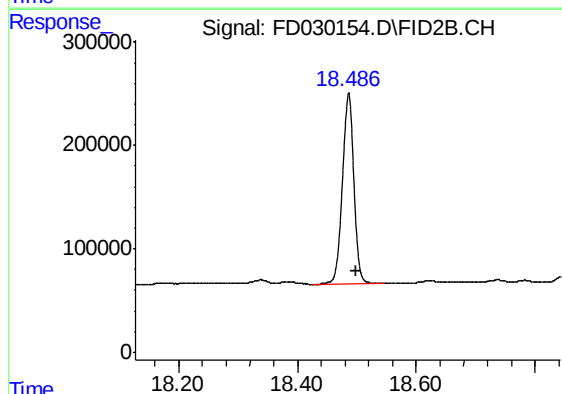
#16 n-Octacosane (C28)

R.T.: 16.781 min
Delta R.T.: -0.011 min
Response: 2780125
Conc: 21.91 ug/ml



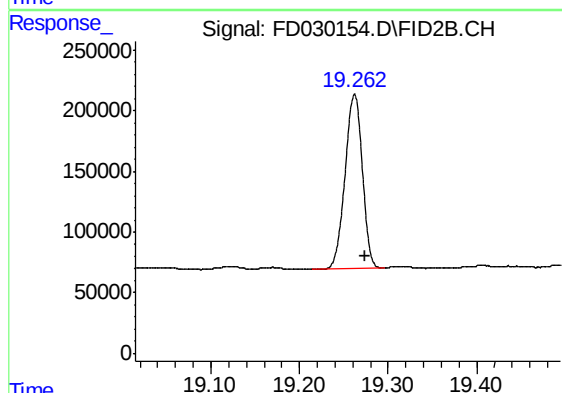
#17 n-Tricontane (C30)

R.T.: 17.661 min
Delta R.T.: -0.011 min
Response: 2733783
Conc: 22.56 ug/ml



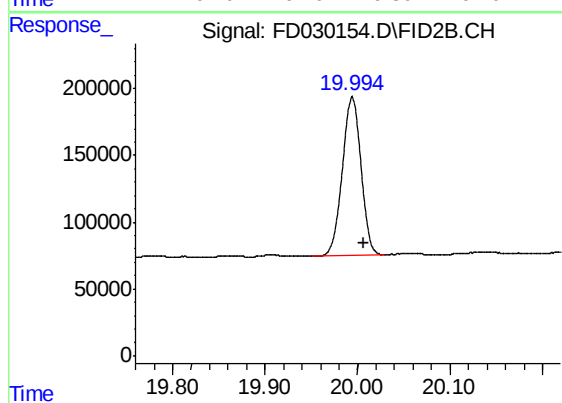
#18 n-Dotriacontane (C32)

R.T.: 18.486 min
Delta R.T.: -0.012 min
Response: 2482850
Conc: 22.14 ug/ml



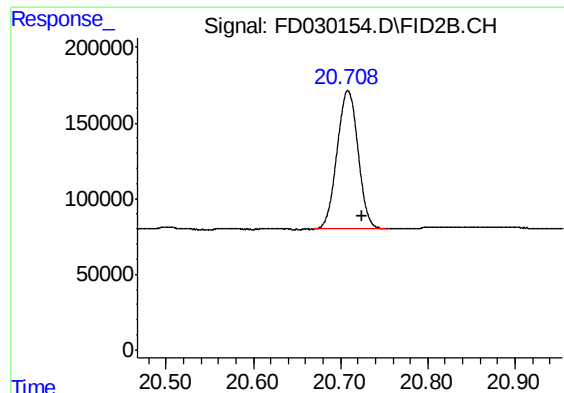
#19 n-Tetatriacontane (C34)

R.T.: 19.262 min
Delta R.T.: -0.013 min
Response: 1953083
Conc: 22.03 ug/ml



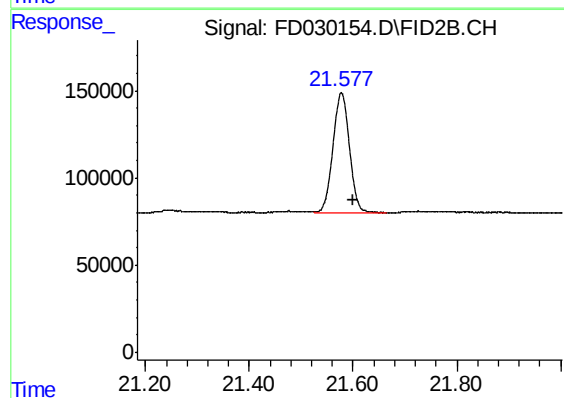
#20 n-Hexatriacontane (C36)

R.T.: 19.994 min
Delta R.T.: -0.013 min
Response: 1660789
Conc: 22.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.708 min
Delta R.T.: -0.017 min
Response: 1525943
Conc: 22.92 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: -0.022 min
Response: 1516013
Conc: 21.46 ug/ml m