

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041519AL\
 Data File : FC040595.D
 Signal(s) : FID1A.CH
 Acq On : 15 Apr 2019 12:50
 Operator : AJ\SJ
 Sample : K2241-01
 Misc : LOD 4 PPM
 ALS Vial : 4 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 05:04:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 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			
12) S 1-chlorooctadecane (S...	12.462	3345722	33.870 ug/ml
Spiked Amount 50.000		Recovery =	67.74%
Target Compounds			
1) T n-Nonane (C9)	2.863	346448	4.198 ug/ml
2) T n-Decane (C10)	3.885	356288	4.210 ug/ml
4) T n-Dodecane (C12)	5.879	372834	4.316 ug/ml
6) T n-Tetradecane (C14)	7.670	387371	4.250 ug/ml
7) T n-Hexadecane (C16)	9.268	393058	4.089 ug/ml
8) T n-Octadecane (C18)	10.707	400313	3.991 ug/ml
10) T n-Eicosane (C20)	12.014	398127	3.912 ug/ml
11) T n-Heneicosane (C21)	12.625	401600	3.982 ug/ml
13) T n-Docosane (C22)	13.210	399805	3.977 ug/ml
14) T n-Tetracosane (C24)	14.311	407783	4.096 ug/ml
15) T n-Hexacosane (C26)	15.331	412236	4.211 ug/ml
16) T n-Octacosane (C28)	16.280	424758	4.330 ug/ml
17) T n-Tricontane (C30)	17.168	443261	4.530 ug/ml
18) T n-Dotriacontane (C32)	18.000	446503	4.614 ug/ml
19) T n-Tetratriacontane (C34)	18.819	443145	5.286 ug/ml
20) T n-Hexatriacontane (C36)	19.849	411070	5.583 ug/ml
21) T n-Octatriacontane (C38)	21.240	417298	6.039 ug/ml
22) T n-Tetracontane (C40)	23.177	391106	5.770 ug/ml

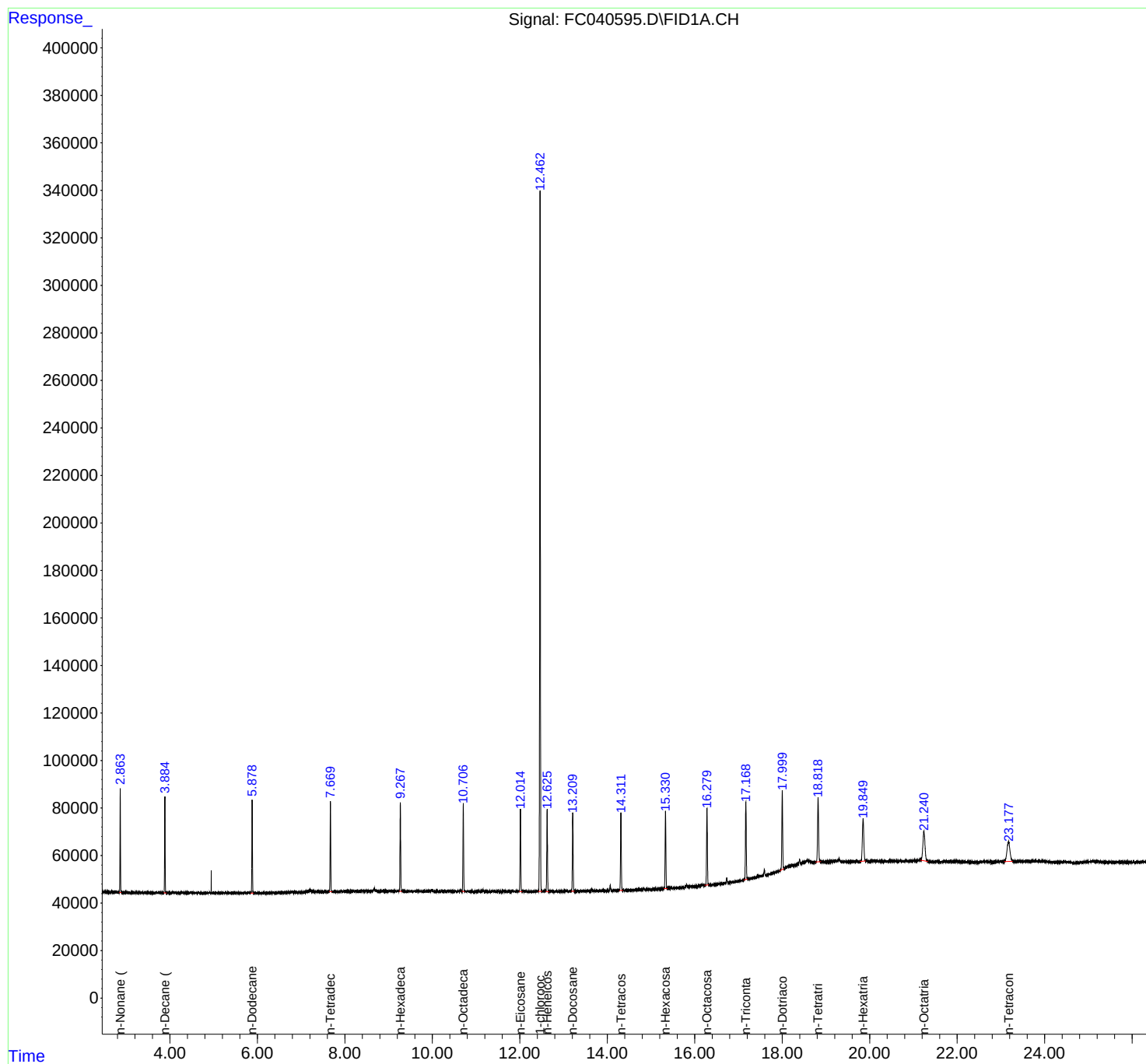
(f)=RT Delta > 1/2 Window

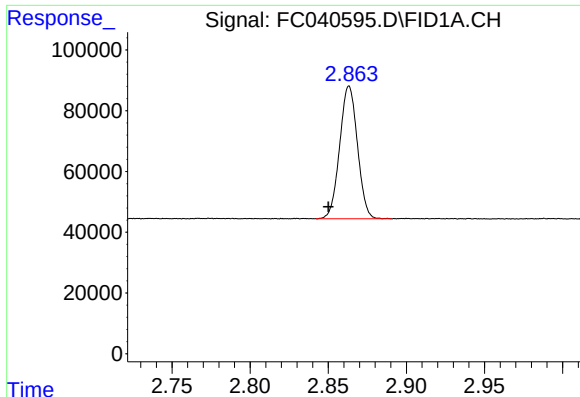
(m)=manual int.

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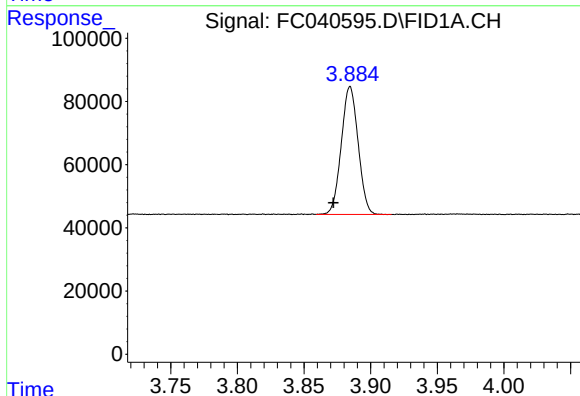
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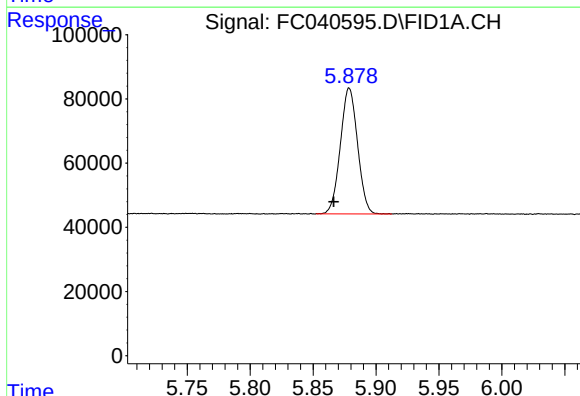
#1 n-Nonane (C9)

R.T.: 2.863 min
Delta R.T.: 0.013 min
Response: 346448
Conc: 4.20 ug/ml



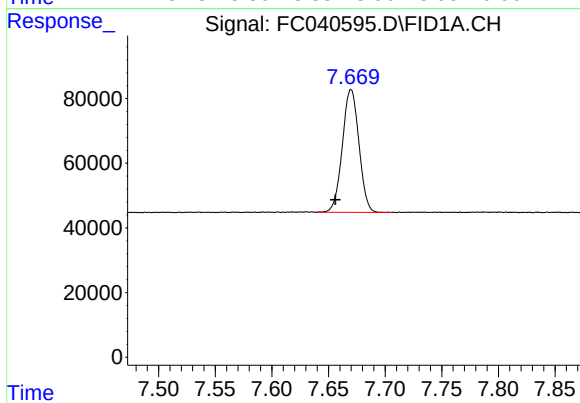
#2 n-Decane (C10)

R.T.: 3.885 min
Delta R.T.: 0.013 min
Response: 356288
Conc: 4.21 ug/ml



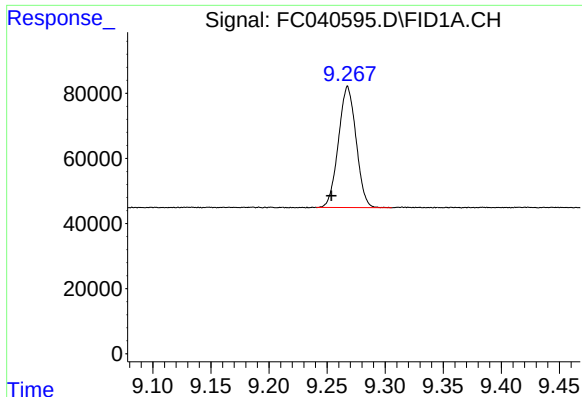
#4 n-Dodecane (C12)

R.T.: 5.879 min
Delta R.T.: 0.012 min
Response: 372834
Conc: 4.32 ug/ml



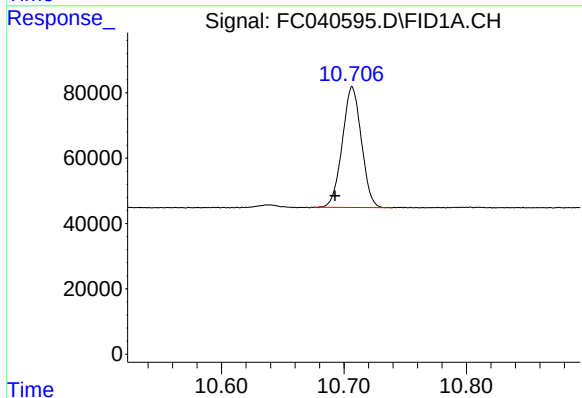
#6 n-Tetradecane (C14)

R.T.: 7.670 min
Delta R.T.: 0.014 min
Response: 387371
Conc: 4.25 ug/ml



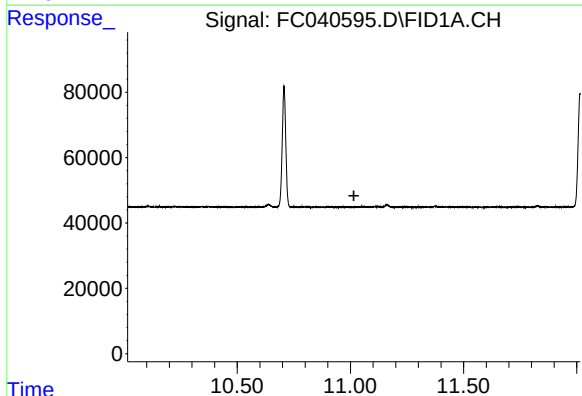
#7 n-Hexadecane (C16)

R.T.: 9.268 min
Delta R.T.: 0.014 min
Response: 393058
Conc: 4.09 ug/ml



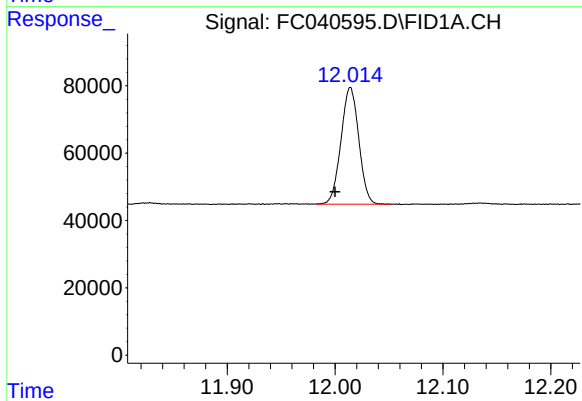
#8 n-Octadecane (C18)

R.T.: 10.707 min
Delta R.T.: 0.014 min
Response: 400313
Conc: 3.99 ug/ml



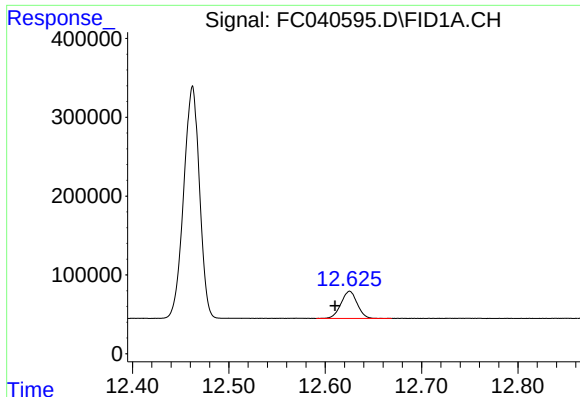
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.016 min
Response: 0
Conc: N.D.



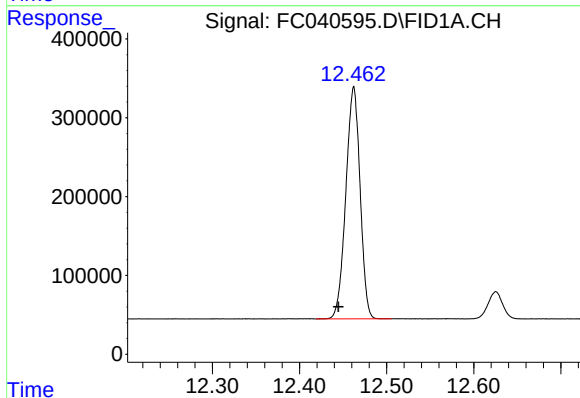
#10 n-Eicosane (C20)

R.T.: 12.014 min
Delta R.T.: 0.014 min
Response: 398127
Conc: 3.91 ug/ml



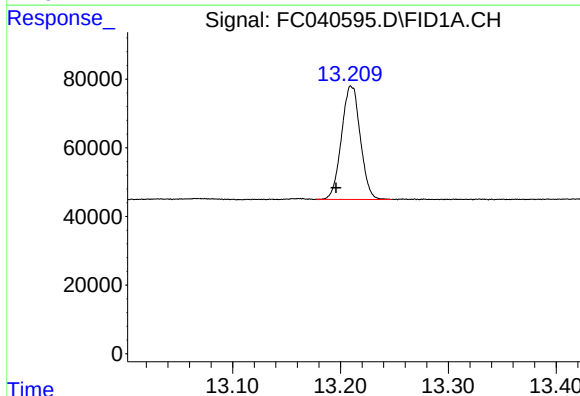
#11 n-Heneicosane (C21)

R.T.: 12.625 min
Delta R.T.: 0.015 min
Response: 401600
Conc: 3.98 ug/ml



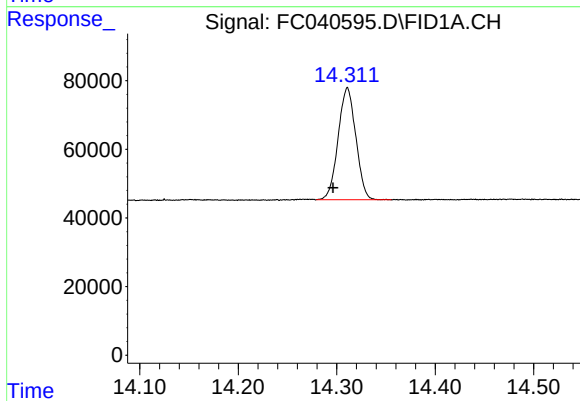
#12 1-chlorooctadecane (SURR)

R.T.: 12.462 min
Delta R.T.: 0.018 min
Response: 3345722
Conc: 33.87 ug/ml



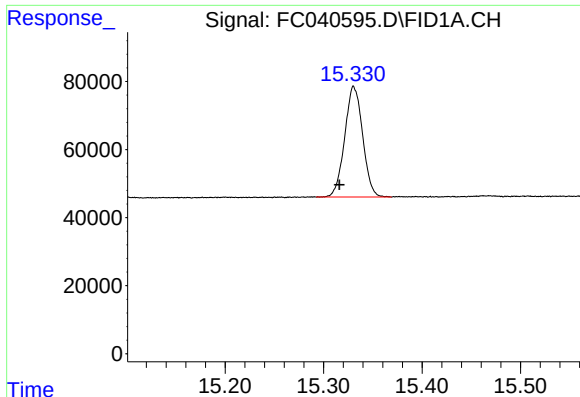
#13 n-Docosane (C22)

R.T.: 13.210 min
Delta R.T.: 0.014 min
Response: 399805
Conc: 3.98 ug/ml



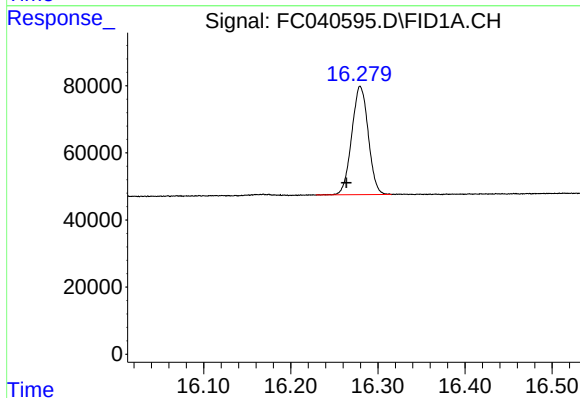
#14 n-Tetracosane (C24)

R.T.: 14.311 min
Delta R.T.: 0.014 min
Response: 407783
Conc: 4.10 ug/ml



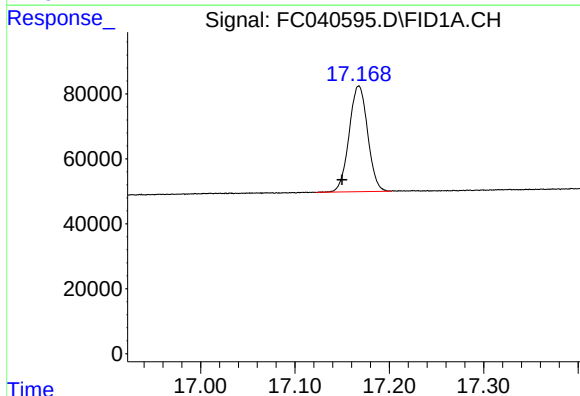
#15 n-Hexacosane (C26)

R.T.: 15.331 min
Delta R.T.: 0.015 min
Response: 412236
Conc: 4.21 ug/ml



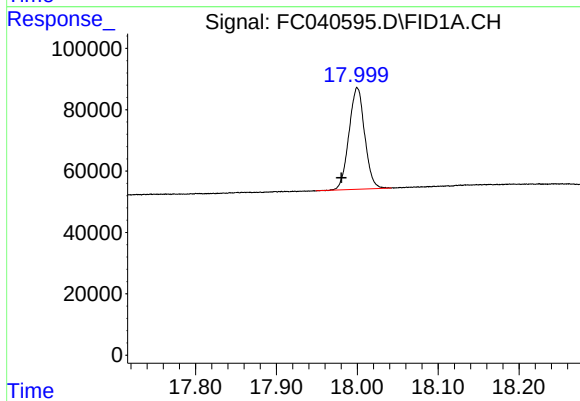
#16 n-Octacosane (C28)

R.T.: 16.280 min
Delta R.T.: 0.016 min
Response: 424758
Conc: 4.33 ug/ml



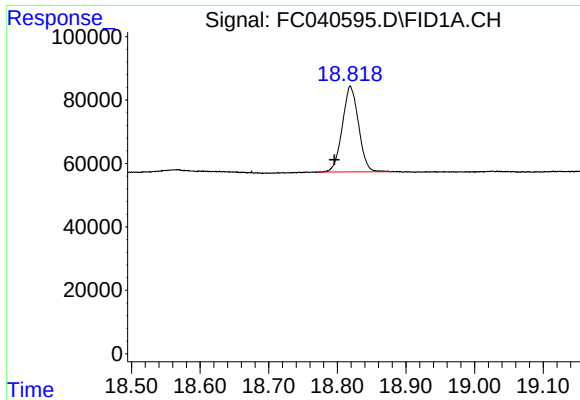
#17 n-Tricontane (C30)

R.T.: 17.168 min
Delta R.T.: 0.018 min
Response: 443261
Conc: 4.53 ug/ml



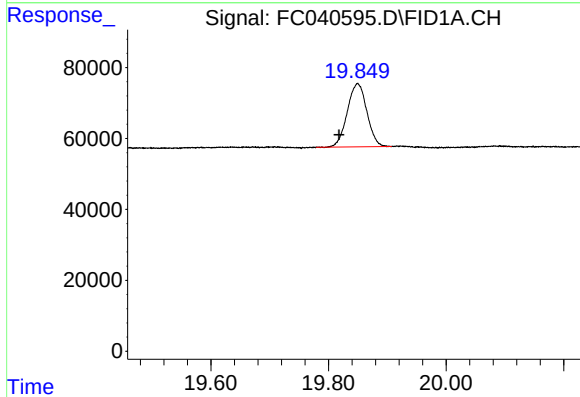
#18 n-Dotriacontane (C32)

R.T.: 18.000 min
Delta R.T.: 0.020 min
Response: 446503
Conc: 4.61 ug/ml



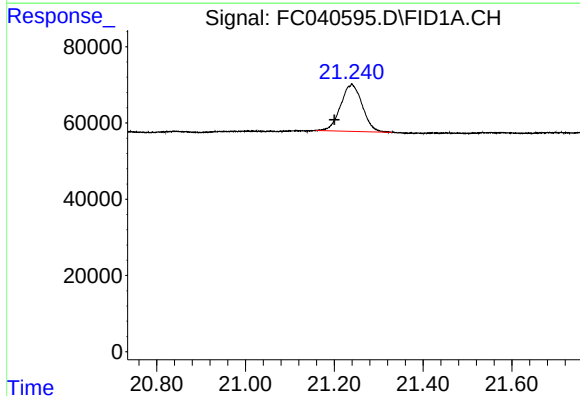
#19 n-Tetratriacontane (C34)

R.T.: 18.819 min
Delta R.T.: 0.023 min
Response: 443145
Conc: 5.29 ug/ml



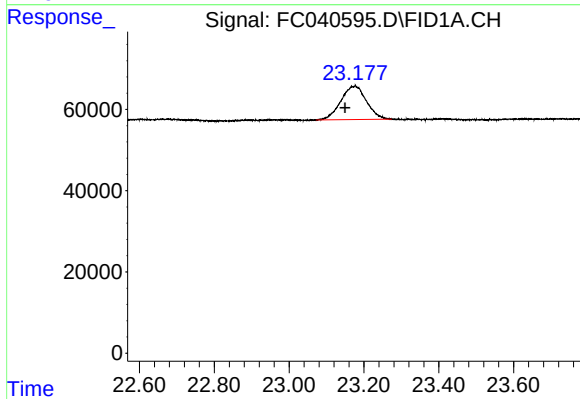
#20 n-Hexatriacontane (C36)

R.T.: 19.849 min
Delta R.T.: 0.032 min
Response: 411070
Conc: 5.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min
Delta R.T.: 0.040 min
Response: 417298
Conc: 6.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.177 min
Delta R.T.: 0.027 min
Response: 391106
Conc: 5.77 ug/ml