

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012820AL\
 Data File : FD032216.D
 Signal(s) : FID2B.CH
 Acq On : 28 Jan 2020 20:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 01:31:57 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 010620.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 07 01:05:13 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)	11.540	2344204	16.969 ug/ml
Spiked Amount 50.000		Recovery =	33.94%
12) S 1-chlorooctadecane (S...	12.971	1793582	16.465 ug/ml
Spiked Amount 50.000		Recovery =	32.93%
Target Compounds			
1) T n-Nonane (C9)	3.334	2269640	19.310 ug/ml
2) T n-Decane (C10)	4.398	2291294	19.449 ug/ml
3) T A~Naphthalene (C11.7)	5.978	2549603	19.271 ug/ml
4) T n-Dodecane (C12)	6.408	2315413	19.455 ug/ml
5) T A~2-methylnaphthalene...	7.030	2549434	19.020 ug/ml
6) T n-Tetradecane (C14)	8.195	2299850	18.949 ug/ml
7) T n-Hexadecane (C16)	9.788	2270609	18.320 ug/ml
8) T n-Octadecane (C18)	11.224	2230369	17.662 ug/ml
10) T n-Eicosane (C20)	12.528	2165529	16.971 ug/ml
11) T n-Heneicosane (C21)	13.137	2144146	16.645 ug/ml
13) T n-Docosane (C22)	13.721	2088491	16.234 ug/ml
14) T n-Tetracosane (C24)	14.821	2062940	15.886 ug/ml
15) T n-Hexacosane (C26)	15.837	2037743	15.810 ug/ml
16) T n-Octacosane (C28)	16.783	2010872	15.776 ug/ml
17) T n-Tricontane (C30)	17.667	1933044	15.768 ug/ml
18) T n-Dotriacontane (C32)	18.496	1659625	15.854 ug/ml
19) T n-Tetratriacontane (C34)	19.275	1431335	16.185 ug/ml
20) T n-Hexatriacontane (C36)	20.012	1313914	16.672 ug/ml
21) T n-Octatriacontane (C38)	20.731	1231963	16.708 ug/ml
22) T n-Tetracontane (C40)	21.603	1296840	17.134 ug/ml

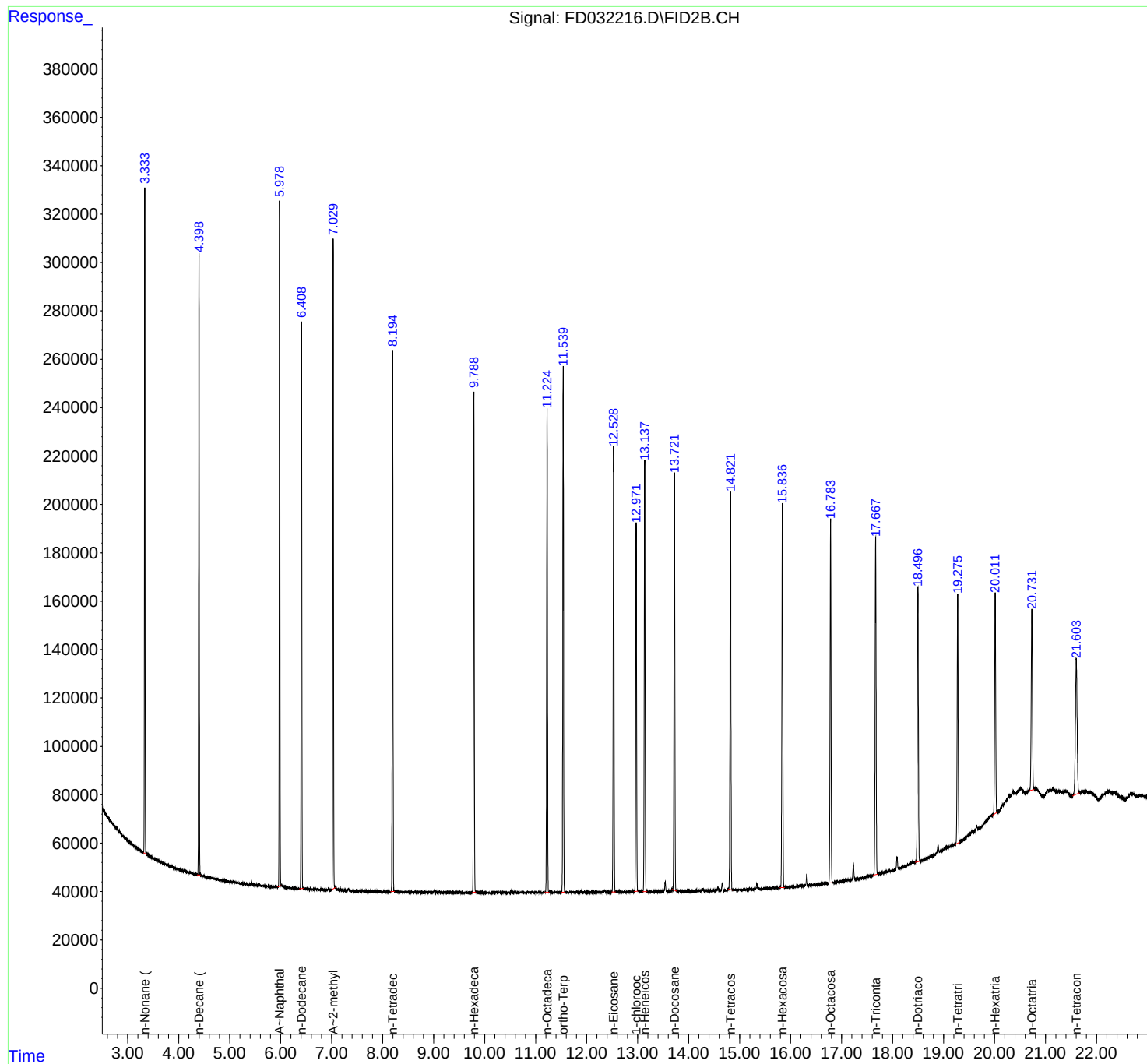
(f)=RT Delta > 1/2 Window

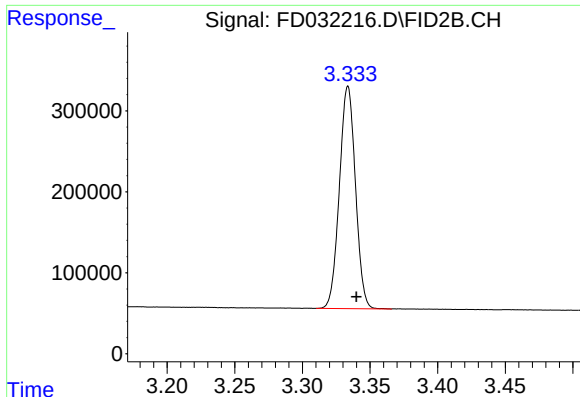
(m)=manual int.

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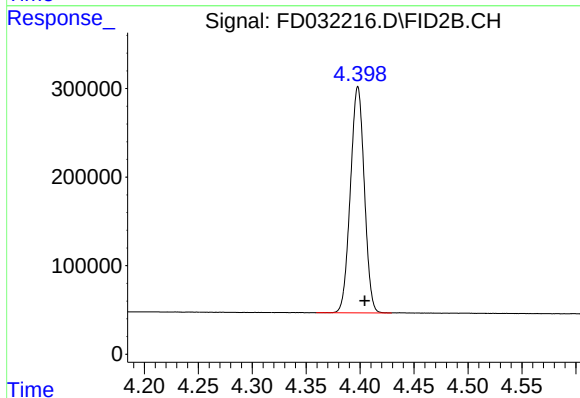
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





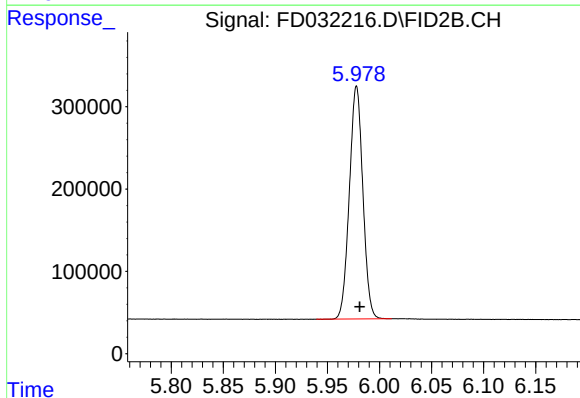
#1 n-Nonane (C9)

R.T.: 3.334 min
Delta R.T.: -0.006 min
Response: 2269640
Conc: 19.31 ug/ml



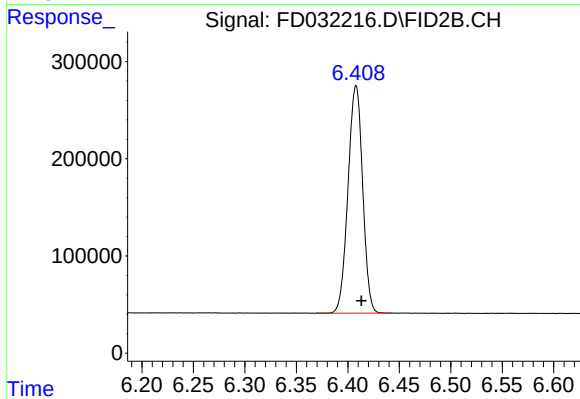
#2 n-Decane (C10)

R.T.: 4.398 min
Delta R.T.: -0.006 min
Response: 2291294
Conc: 19.45 ug/ml



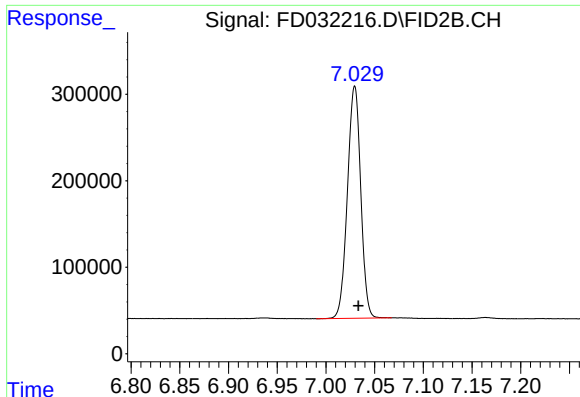
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.003 min
Response: 2549603
Conc: 19.27 ug/ml



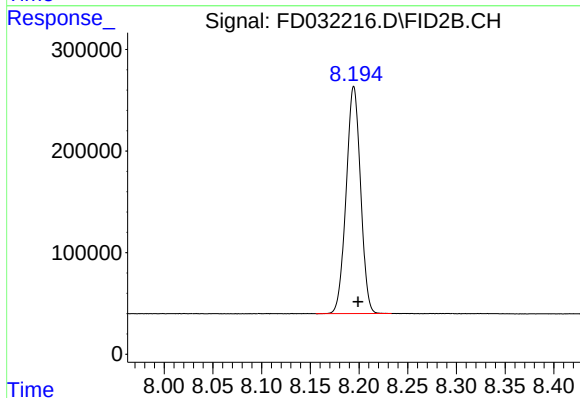
#4 n-Dodecane (C12)

R.T.: 6.408 min
Delta R.T.: -0.005 min
Response: 2315413
Conc: 19.45 ug/ml



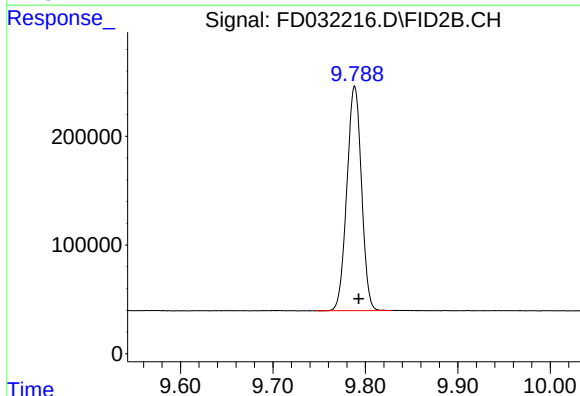
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.030 min
Delta R.T.: -0.004 min
Response: 2549434
Conc: 19.02 ug/ml



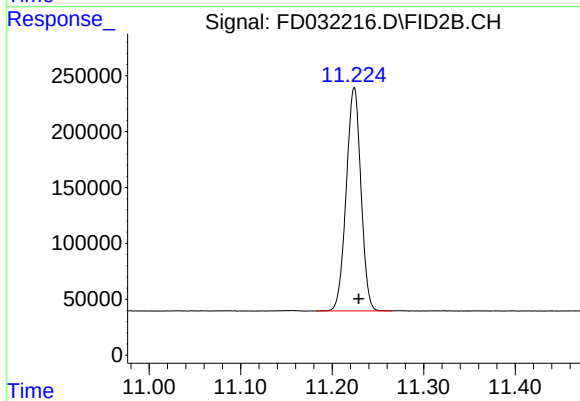
#6 n-Tetradecane (C14)

R.T.: 8.195 min
Delta R.T.: -0.005 min
Response: 2299850
Conc: 18.95 ug/ml



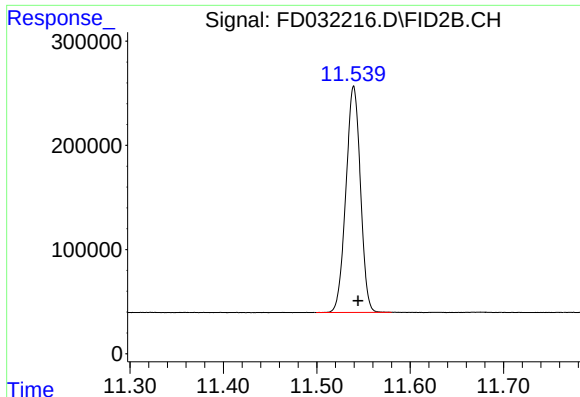
#7 n-Hexadecane (C16)

R.T.: 9.788 min
Delta R.T.: -0.004 min
Response: 2270609
Conc: 18.32 ug/ml



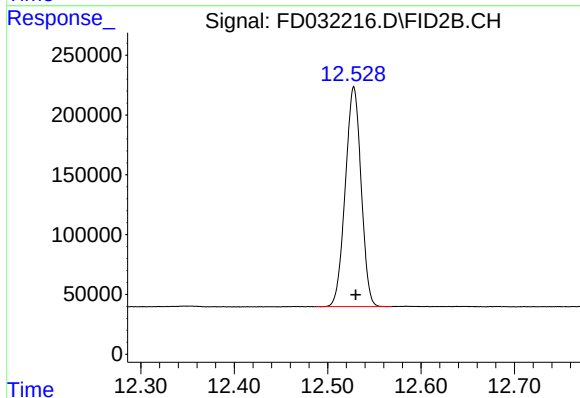
#8 n-Octadecane (C18)

R.T.: 11.224 min
Delta R.T.: -0.005 min
Response: 2230369
Conc: 17.66 ug/ml



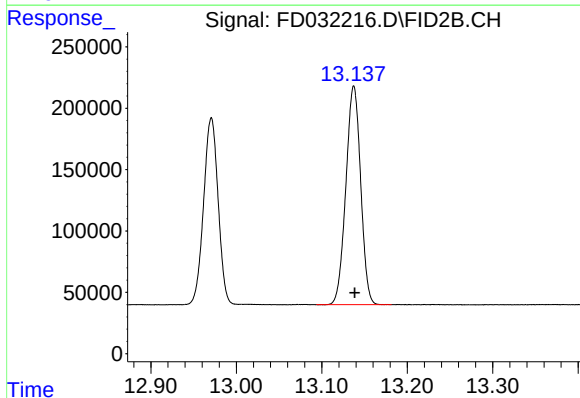
#9 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.005 min
Response: 2344204
Conc: 16.97 ug/ml



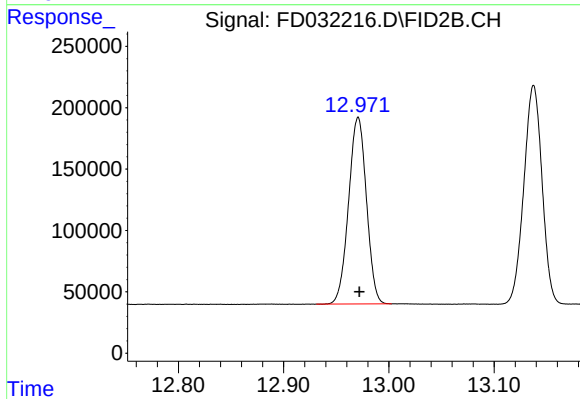
#10 n-Eicosane (C20)

R.T.: 12.528 min
Delta R.T.: -0.002 min
Response: 2165529
Conc: 16.97 ug/ml



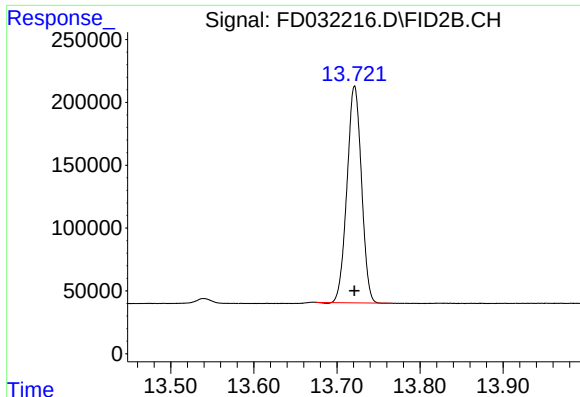
#11 n-Heneicosane (C21)

R.T.: 13.137 min
Delta R.T.: -0.001 min
Response: 2144146
Conc: 16.65 ug/ml



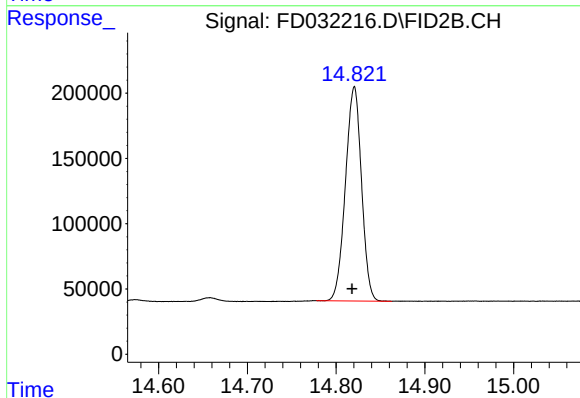
#12 1-chlorooctadecane (SURR)

R.T.: 12.971 min
Delta R.T.: -0.001 min
Response: 1793582
Conc: 16.47 ug/ml



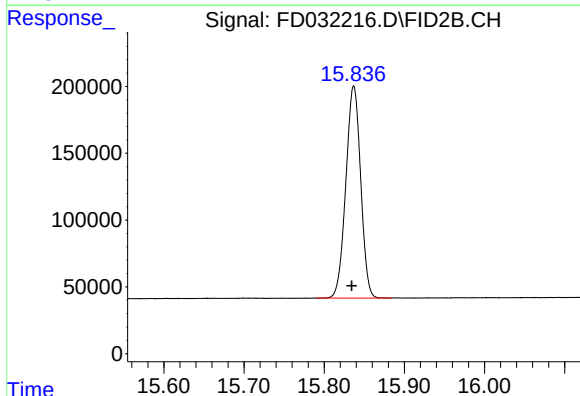
#13 n-Docosane (C22)

R.T.: 13.721 min
Delta R.T.: 0.000 min
Response: 2088491
Conc: 16.23 ug/ml



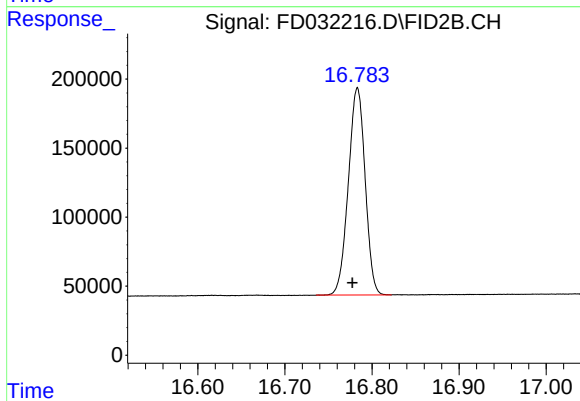
#14 n-Tetracosane (C24)

R.T.: 14.821 min
Delta R.T.: 0.003 min
Response: 2062940
Conc: 15.89 ug/ml



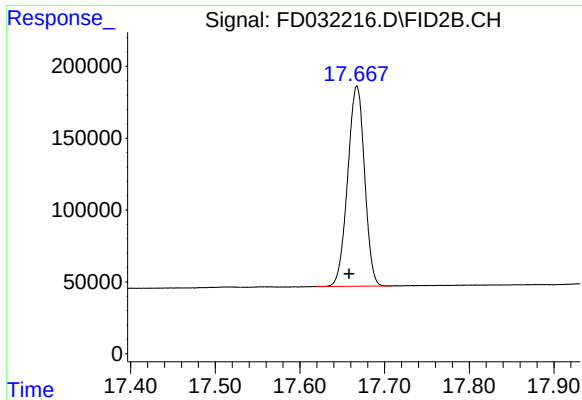
#15 n-Hexacosane (C26)

R.T.: 15.837 min
Delta R.T.: 0.003 min
Response: 2037743
Conc: 15.81 ug/ml



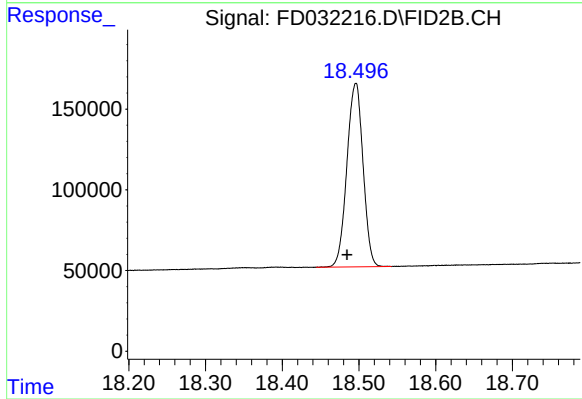
#16 n-Octacosane (C28)

R.T.: 16.783 min
Delta R.T.: 0.006 min
Response: 2010872
Conc: 15.78 ug/ml



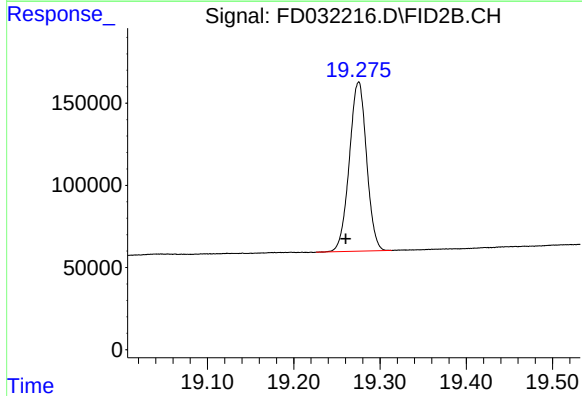
#17 n-Tricontane (C30)

R.T.: 17.667 min
Delta R.T.: 0.009 min
Response: 1933044
Conc: 15.77 ug/ml



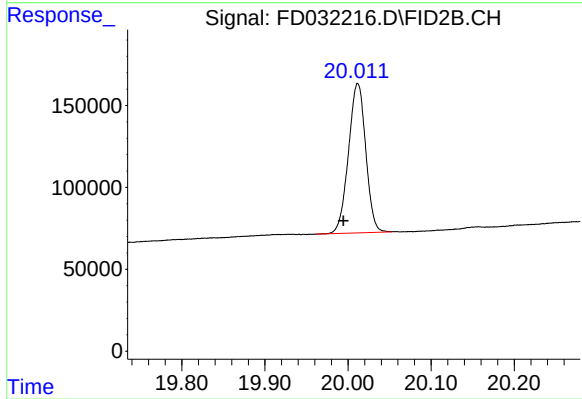
#18 n-Dotriacontane (C32)

R.T.: 18.496 min
Delta R.T.: 0.011 min
Response: 1659625
Conc: 15.85 ug/ml



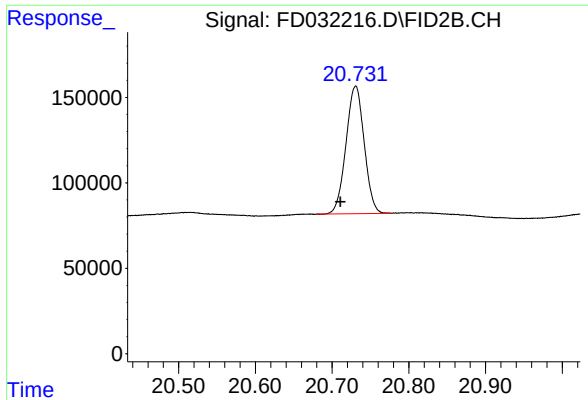
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min
Delta R.T.: 0.015 min
Response: 1431335
Conc: 16.18 ug/ml



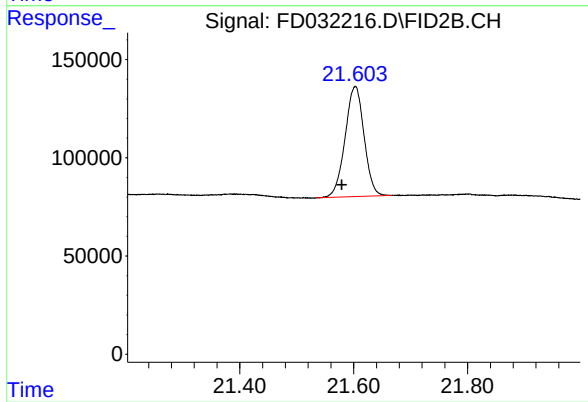
#20 n-Hexatriacontane (C36)

R.T.: 20.012 min
Delta R.T.: 0.017 min
Response: 1313914
Conc: 16.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.731 min
Delta R.T.: 0.020 min
Response: 1231963
Conc: 16.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.603 min
Delta R.T.: 0.024 min
Response: 1296840
Conc: 17.13 ug/ml