

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042420AL\
 Data File : FD033239.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2020 11:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 27 02:54:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 040720.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 07 14:10:50 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)	11.490	2823480	18.792 ug/ml
Spiked Amount 50.000		Recovery =	37.58%
12) S 1-chlorooctadecane (S...	12.921	2198851	18.734 ug/ml
Spiked Amount 50.000		Recovery =	37.47%
Target Compounds			
1) T n-Nonane (C9)	3.301	2776240	20.763 ug/ml
2) T n-Decane (C10)	4.361	2822883	21.070 ug/ml
3) T A~Naphthalene (C11.7)	5.936	3036321	20.601 ug/ml
4) T n-Dodecane (C12)	6.366	2863918	21.123 ug/ml
5) T A~2-methylnaphthalene...	6.986	3044426	20.493 ug/ml
6) T n-Tetradecane (C14)	8.151	2863016	20.940 ug/ml
7) T n-Hexadecane (C16)	9.743	2829253	20.595 ug/ml
8) T n-Octadecane (C18)	11.177	2763036	19.952 ug/ml
10) T n-Eicosane (C20)	12.479	2675545	19.262 ug/ml
11) T n-Heneicosane (C21)	13.088	2641003	18.854 ug/ml
13) T n-Docosane (C22)	13.671	2592206	18.671 ug/ml
14) T n-Tetracosane (C24)	14.768	2538861	18.502 ug/ml
15) T n-Hexacosane (C26)	15.784	2490936	18.732 ug/ml
16) T n-Octacosane (C28)	16.729	2441980	19.346 ug/ml
17) T n-Tricontane (C30)	17.612	2320832	20.389 ug/ml
18) T n-Dotriacontane (C32)	18.440	1827555	21.756 ug/ml
19) T n-Tetratriacontane (C34)	19.220	1331155	21.948 ug/ml
20) T n-Hexatriacontane (C36)	19.955	1151723	22.955 ug/ml
21) T n-Octatriacontane (C38)	20.668	1064920	22.120 ug/ml
22) T n-Tetracontane (C40)	21.521	1101533	21.830 ug/ml

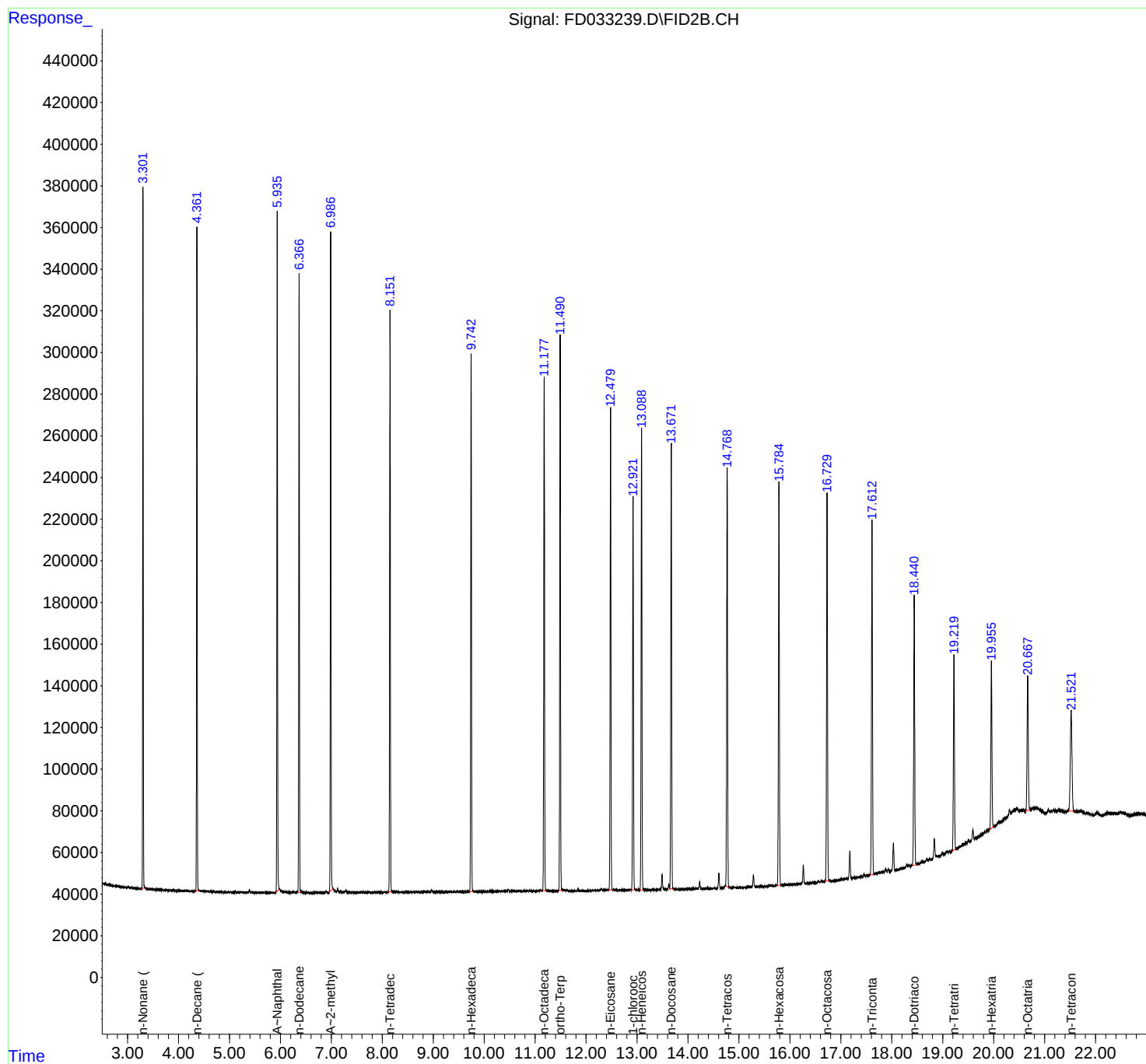
(f)=RT Delta > 1/2 Window

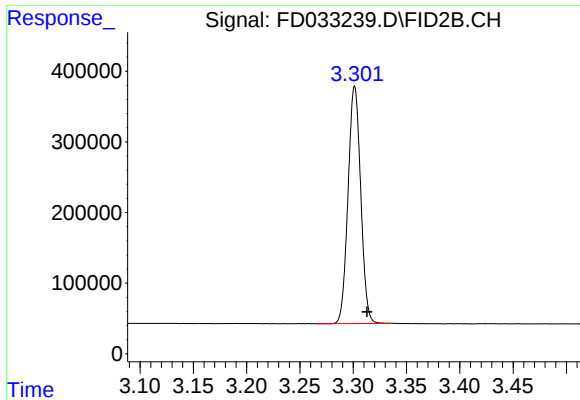
(m)=manual int.

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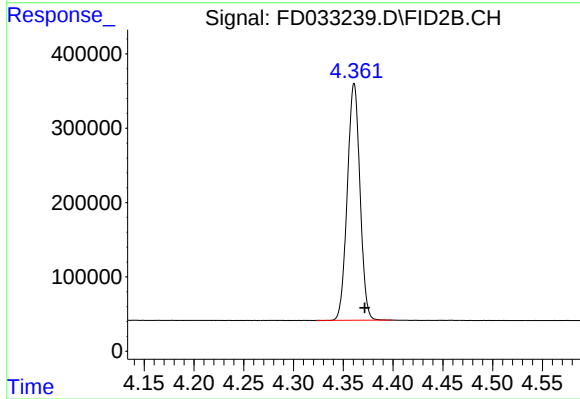
Volume Inj. : 1 ul
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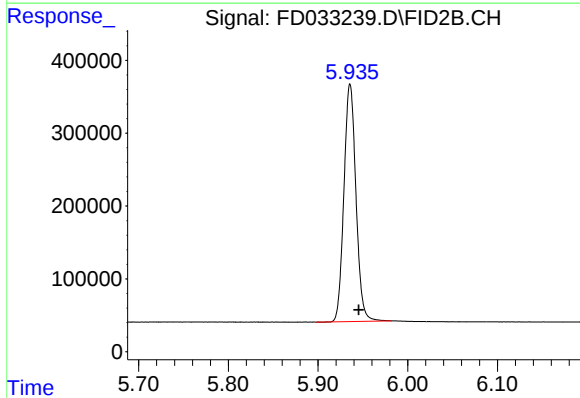
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.012 min
Response: 2776240
Conc: 20.76 ug/ml



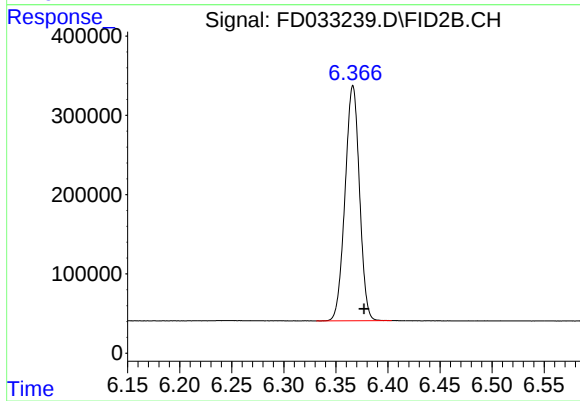
#2 n-Decane (C10)

R.T.: 4.361 min
Delta R.T.: -0.011 min
Response: 2822883
Conc: 21.07 ug/ml



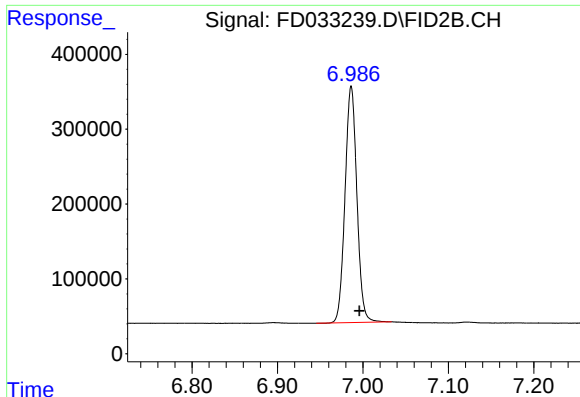
#3 A~Naphthalene (C11.7)

R.T.: 5.936 min
Delta R.T.: -0.010 min
Response: 3036321
Conc: 20.60 ug/ml



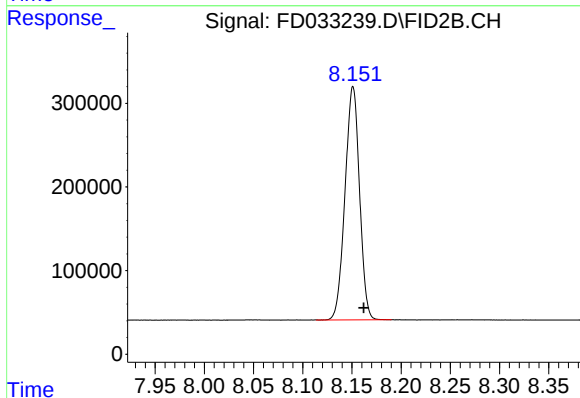
#4 n-Dodecane (C12)

R.T.: 6.366 min
Delta R.T.: -0.011 min
Response: 2863918
Conc: 21.12 ug/ml



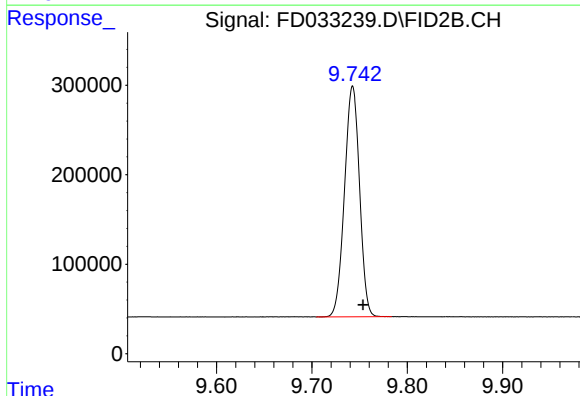
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.986 min
Delta R.T.: -0.009 min
Response: 3044426
Conc: 20.49 ug/ml



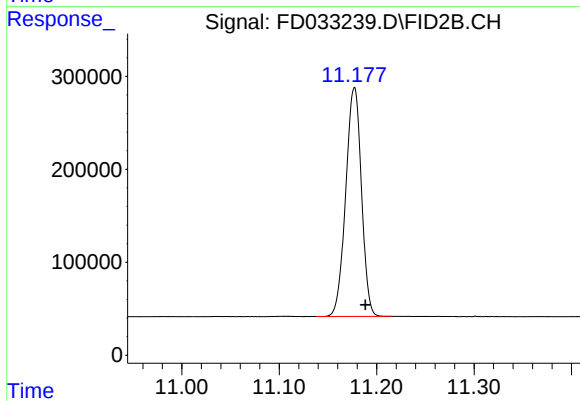
#6 n-Tetradecane (C14)

R.T.: 8.151 min
Delta R.T.: -0.011 min
Response: 2863016
Conc: 20.94 ug/ml



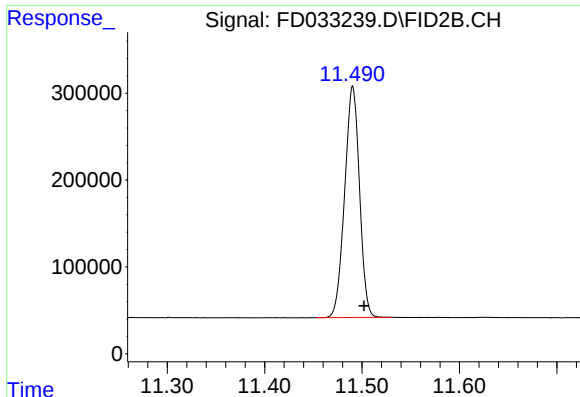
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: -0.011 min
Response: 2829253
Conc: 20.59 ug/ml



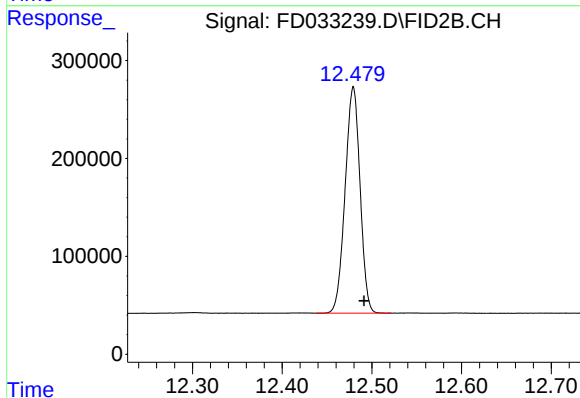
#8 n-Octadecane (C18)

R.T.: 11.177 min
Delta R.T.: -0.011 min
Response: 2763036
Conc: 19.95 ug/ml



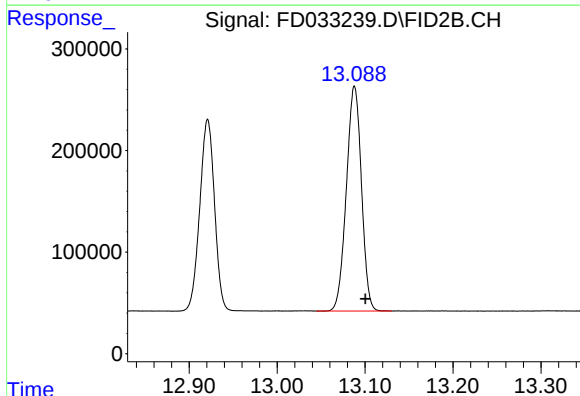
#9 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.012 min
Response: 2823480
Conc: 18.79 ug/ml



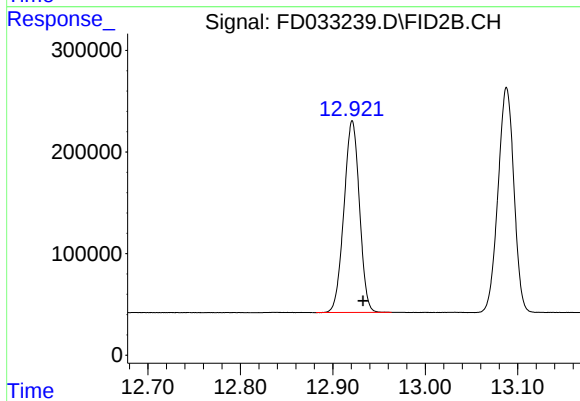
#10 n-Eicosane (C20)

R.T.: 12.479 min
Delta R.T.: -0.012 min
Response: 2675545
Conc: 19.26 ug/ml



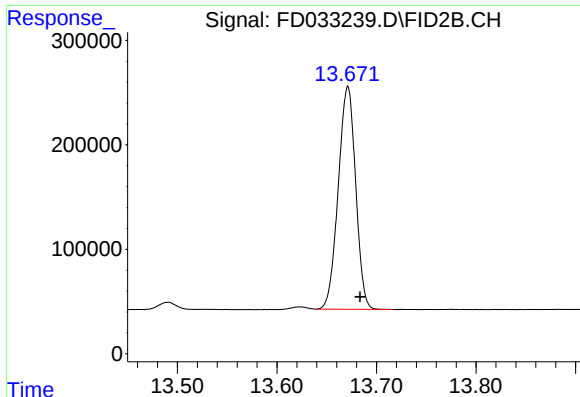
#11 n-Heneicosane (C21)

R.T.: 13.088 min
Delta R.T.: -0.012 min
Response: 2641003
Conc: 18.85 ug/ml



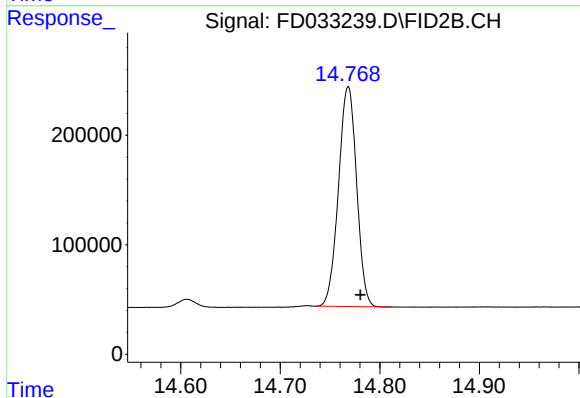
#12 1-chlorooctadecane (SURR)

R.T.: 12.921 min
Delta R.T.: -0.012 min
Response: 2198851
Conc: 18.73 ug/ml



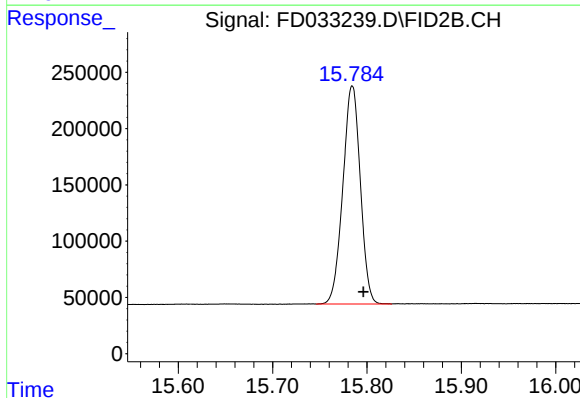
#13 n-Docosane (C22)

R.T.: 13.671 min
Delta R.T.: -0.012 min
Response: 2592206
Conc: 18.67 ug/ml



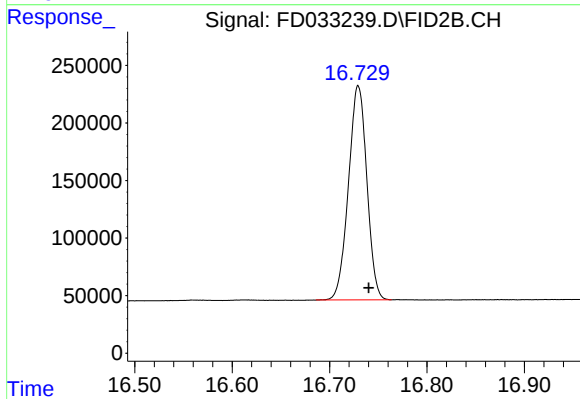
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.012 min
Response: 2538861
Conc: 18.50 ug/ml



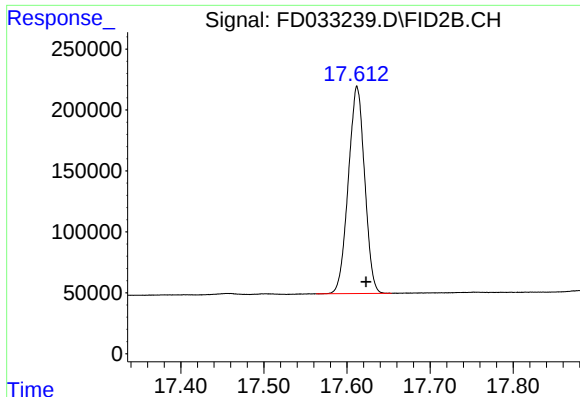
#15 n-Hexacosane (C26)

R.T.: 15.784 min
Delta R.T.: -0.012 min
Response: 2490936
Conc: 18.73 ug/ml



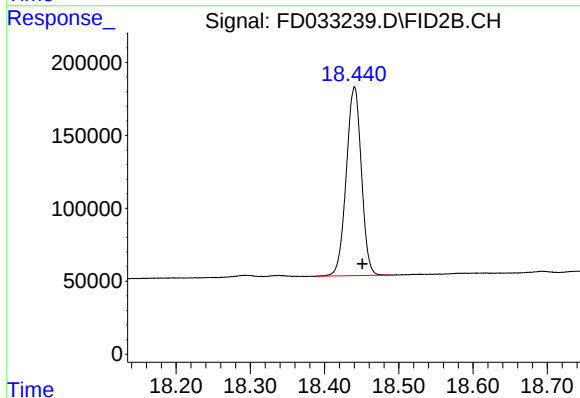
#16 n-Octacosane (C28)

R.T.: 16.729 min
Delta R.T.: -0.011 min
Response: 2441980
Conc: 19.35 ug/ml



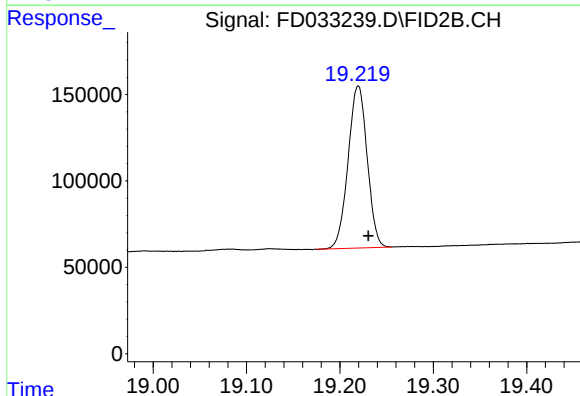
#17 n-Tricontane (C30)

R.T.: 17.612 min
Delta R.T.: -0.011 min
Response: 2320832
Conc: 20.39 ug/ml



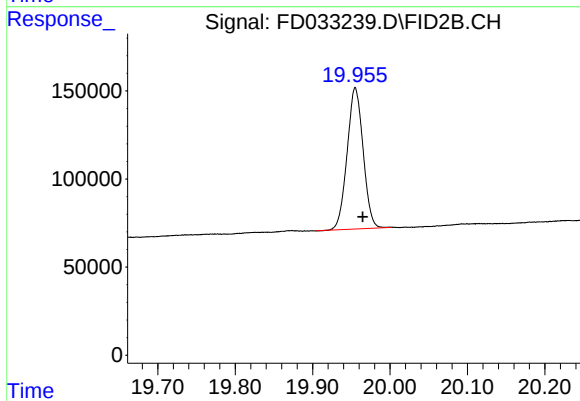
#18 n-Dotriacontane (C32)

R.T.: 18.440 min
Delta R.T.: -0.010 min
Response: 1827555
Conc: 21.76 ug/ml



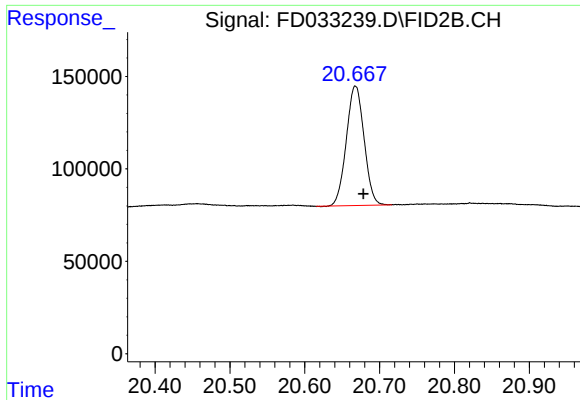
#19 n-Tetratriacontane (C34)

R.T.: 19.220 min
Delta R.T.: -0.011 min
Response: 1331155
Conc: 21.95 ug/ml



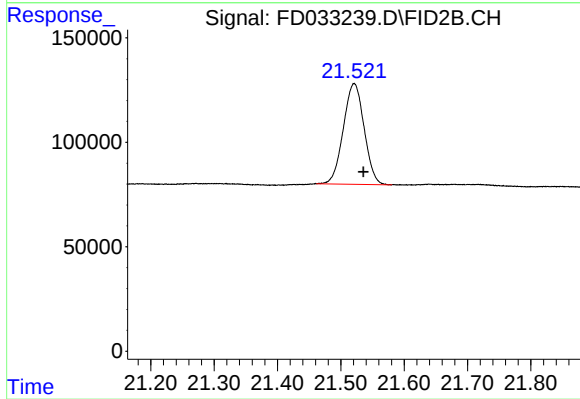
#20 n-Hexatriacontane (C36)

R.T.: 19.955 min
Delta R.T.: -0.010 min
Response: 1151723
Conc: 22.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.668 min
Delta R.T.: -0.011 min
Response: 1064920
Conc: 22.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.521 min
Delta R.T.: -0.014 min
Response: 1101533
Conc: 21.83 ug/ml