

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050920AL\
 Data File : FD033406.D
 Signal(s) : FID2B.CH
 Acq On : 09 May 2020 23:41
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 11 02:25:20 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 050620.M
 Quant Title : GC Extractables
 QLast Update : Thu May 07 05:16:45 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)	11.482	2643964	19.234 ug/ml
Spiked Amount 50.000		Recovery =	38.47%
12) S 1-chlorooctadecane (S...	12.913	2137854	18.585 ug/ml
Spiked Amount 50.000		Recovery =	37.17%
Target Compounds			
1) T n-Nonane (C9)	3.295	2431618	21.043 ug/ml
2) T n-Decane (C10)	4.355	2464909	21.162 ug/ml
3) T A~Naphthalene (C11.7)	5.929	2664415	21.488 ug/ml
4) T n-Dodecane (C12)	6.360	2527891	21.139 ug/ml
5) T A~2-methylnaphthalene...	6.979	2714696	21.583 ug/ml
6) T n-Tetradecane (C14)	8.143	2538355	20.877 ug/ml
7) T n-Hexadecane (C16)	9.735	2475656	20.412 ug/ml
8) T n-Octadecane (C18)	11.168	2542419	19.589 ug/ml
10) T n-Eicosane (C20)	12.471	2519012	18.900 ug/ml
11) T n-Heneicosane (C21)	13.079	2489060	18.570 ug/ml
13) T n-Docosane (C22)	13.663	2460127	18.288 ug/ml
14) T n-Tetracosane (C24)	14.760	2397179	17.702 ug/ml
15) T n-Hexacosane (C26)	15.775	2318018	17.194 ug/ml
16) T n-Octacosane (C28)	16.720	2265895	16.791 ug/ml
17) T n-Tricontane (C30)	17.603	2181608	16.562 ug/ml
18) T n-Dotriacontane (C32)	18.431	2007399	16.610 ug/ml
19) T n-Tetratriacontane (C34)	19.211	1907461	16.755 ug/ml
20) T n-Hexatriacontane (C36)	19.947	1843116	17.223 ug/ml
21) T n-Octatriacontane (C38)	20.658	1776660	17.626 ug/ml
22) T n-Tetracontane (C40)	21.508	1855437	18.576 ug/ml

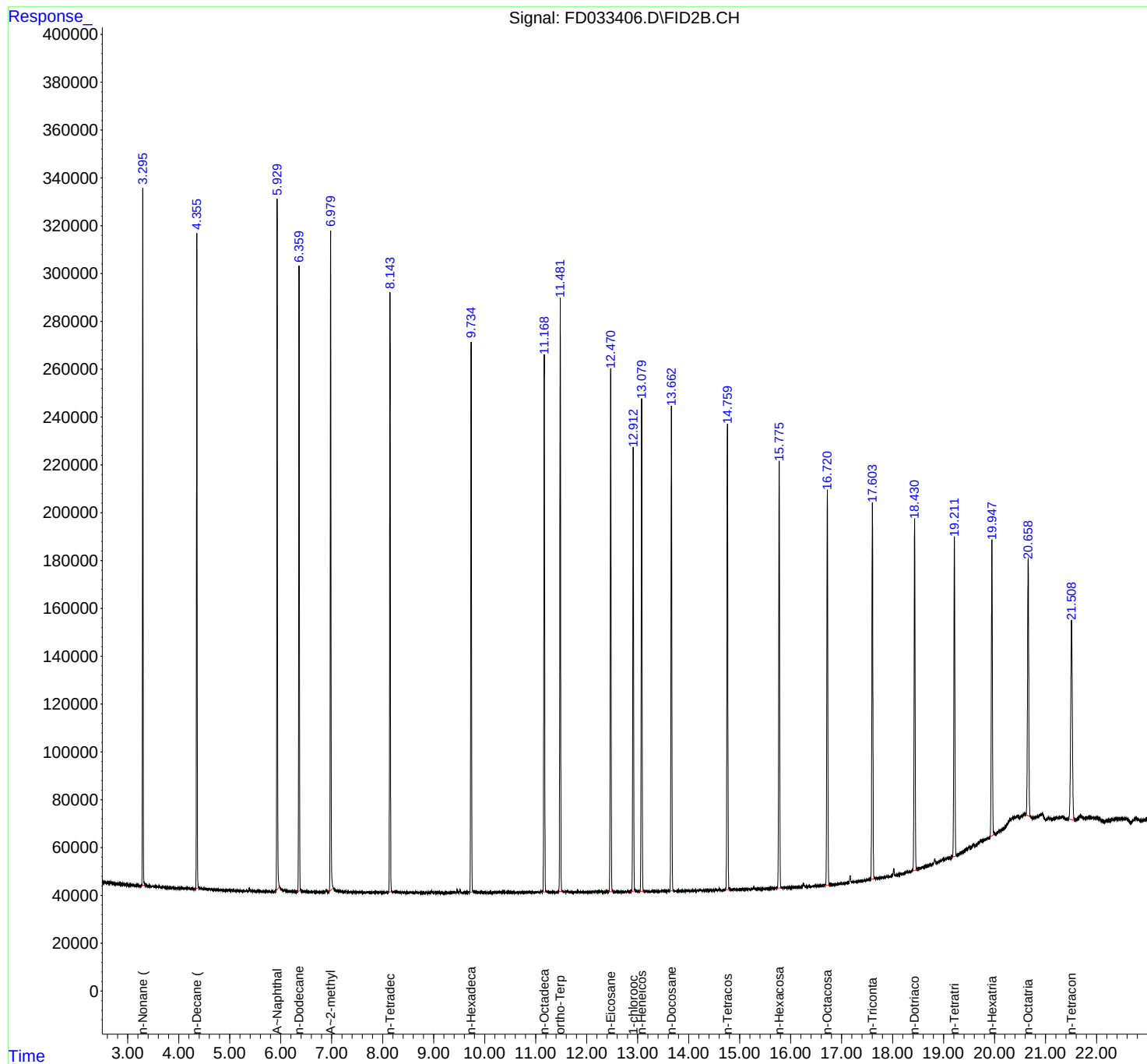
(f)=RT Delta > 1/2 Window

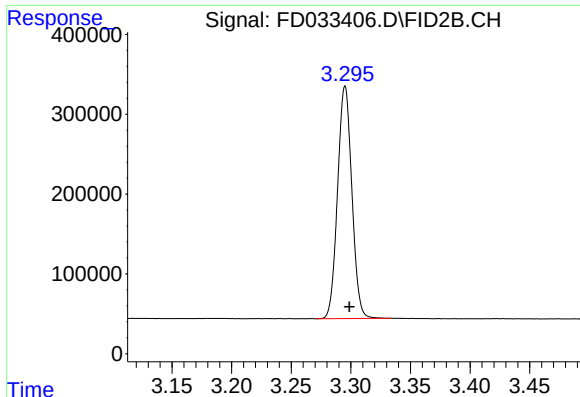
(m)=manual int.

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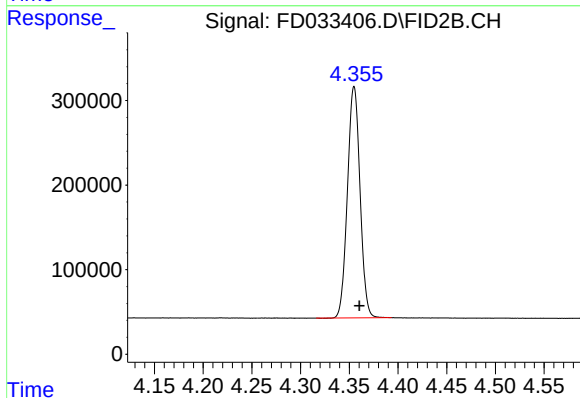
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





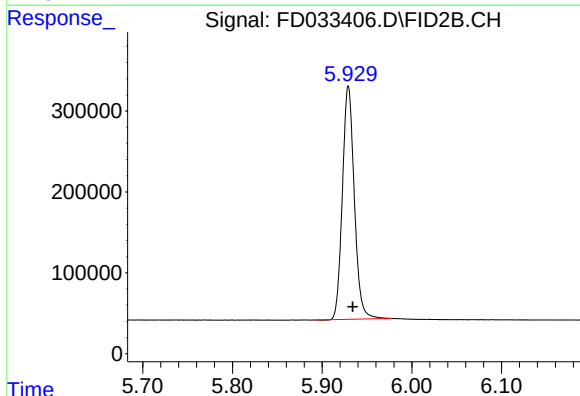
#1 n-Nonane (C9)

R.T.: 3.295 min
Delta R.T.: -0.004 min
Response: 2431618
Conc: 21.04 ug/ml



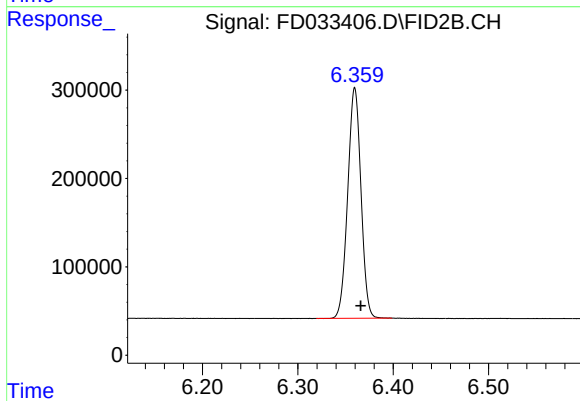
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: -0.006 min
Response: 2464909
Conc: 21.16 ug/ml



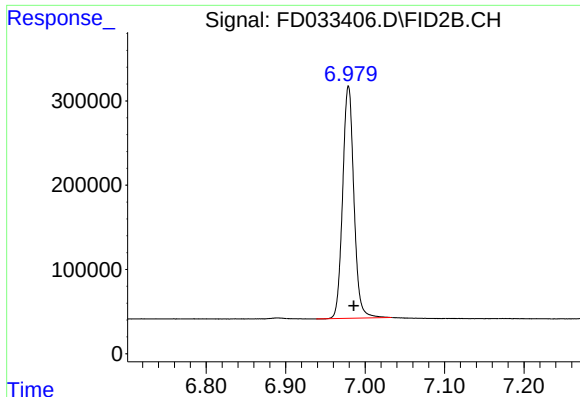
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.005 min
Response: 2664415
Conc: 21.49 ug/ml



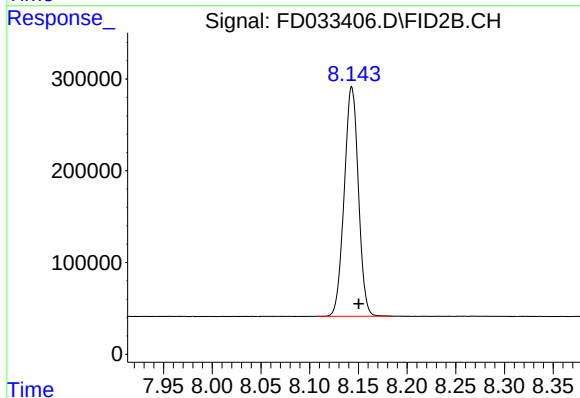
#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: -0.006 min
Response: 2527891
Conc: 21.14 ug/ml



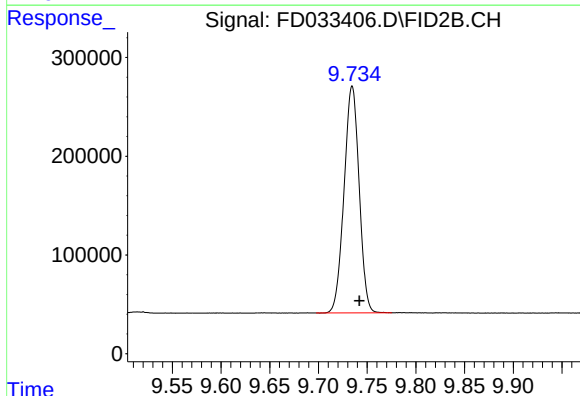
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.006 min
Response: 2714696
Conc: 21.58 ug/ml



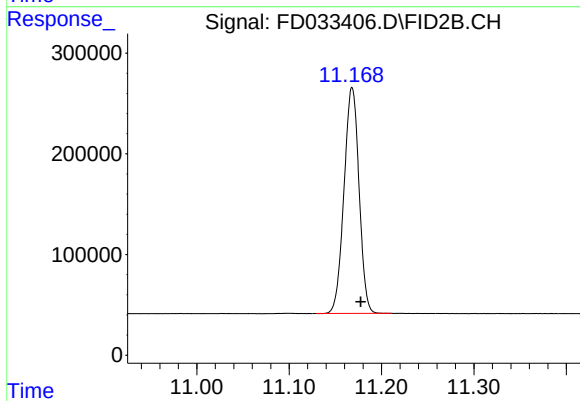
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.007 min
Response: 2538355
Conc: 20.88 ug/ml



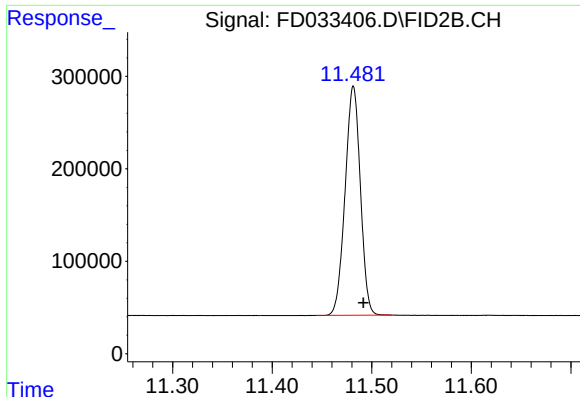
#7 n-Hexadecane (C16)

R.T.: 9.735 min
Delta R.T.: -0.007 min
Response: 2475656
Conc: 20.41 ug/ml



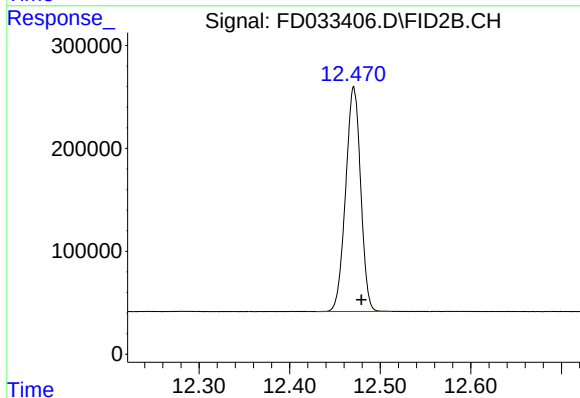
#8 n-Octadecane (C18)

R.T.: 11.168 min
Delta R.T.: -0.009 min
Response: 2542419
Conc: 19.59 ug/ml



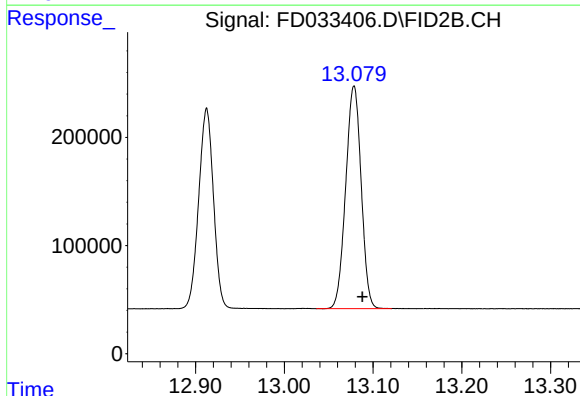
#9 ortho-Terphenyl (SURR)

R.T.: 11.482 min
Delta R.T.: -0.010 min
Response: 2643964
Conc: 19.23 ug/ml



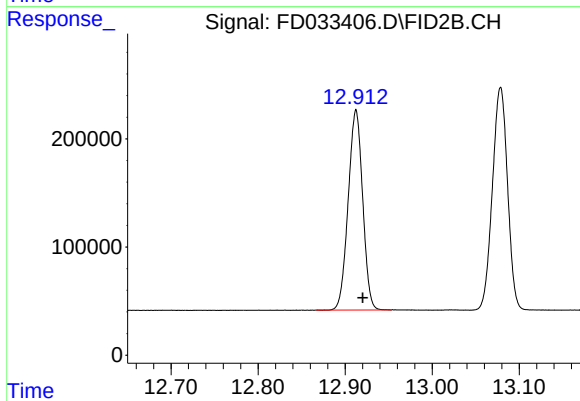
#10 n-Eicosane (C20)

R.T.: 12.471 min
Delta R.T.: -0.008 min
Response: 2519012
Conc: 18.90 ug/ml



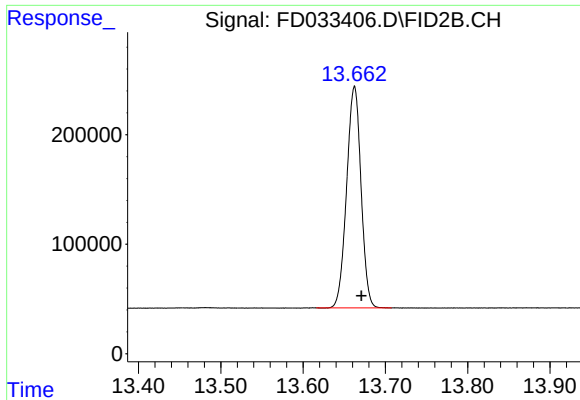
#11 n-Heneicosane (C21)

R.T.: 13.079 min
Delta R.T.: -0.009 min
Response: 2489060
Conc: 18.57 ug/ml



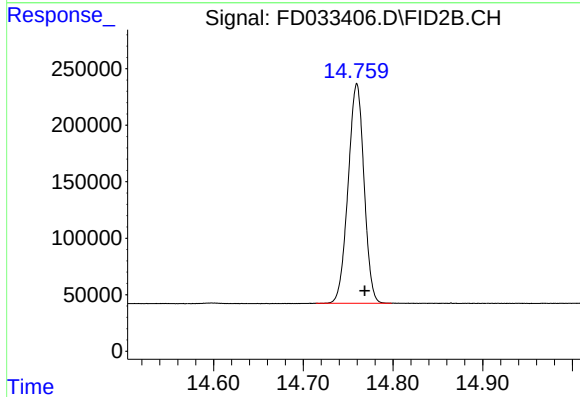
#12 1-chlorooctadecane (SURR)

R.T.: 12.913 min
Delta R.T.: -0.008 min
Response: 2137854
Conc: 18.59 ug/ml



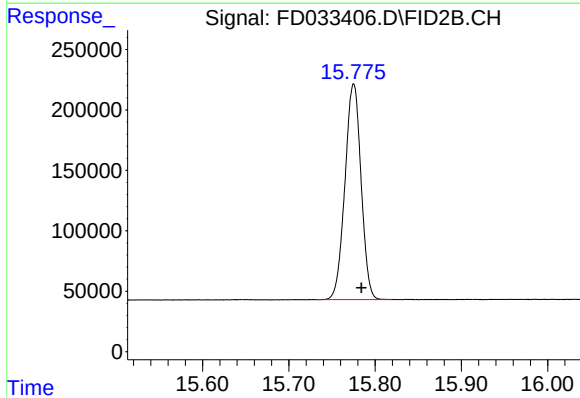
#13 n-Docosane (C22)

R.T.: 13.663 min
Delta R.T.: -0.009 min
Response: 2460127
Conc: 18.29 ug/ml



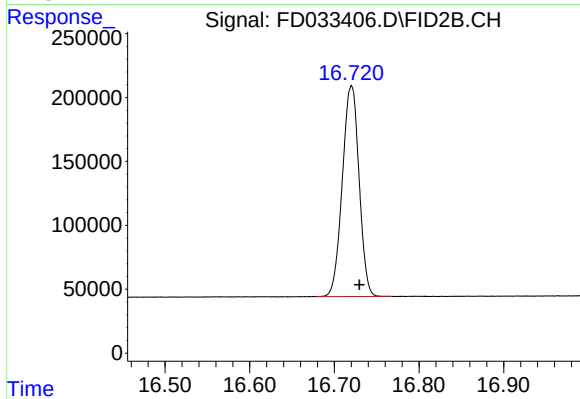
#14 n-Tetracosane (C24)

R.T.: 14.760 min
Delta R.T.: -0.009 min
Response: 2397179
Conc: 17.70 ug/ml



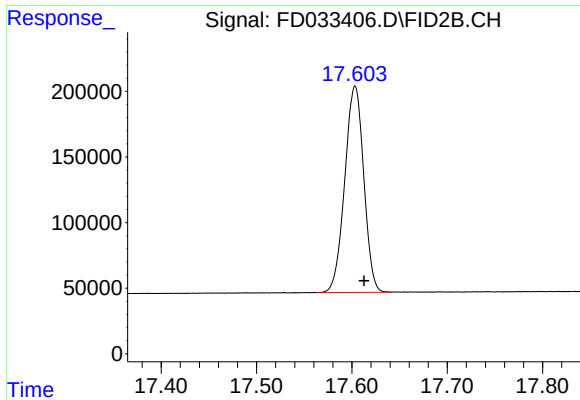
#15 n-Hexacosane (C26)

R.T.: 15.775 min
Delta R.T.: -0.009 min
Response: 2318018
Conc: 17.19 ug/ml



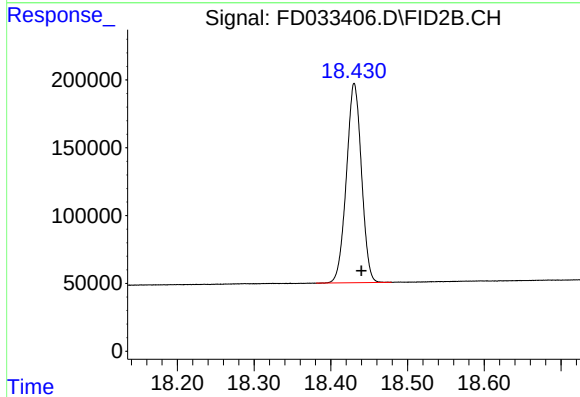
#16 n-Octacosane (C28)

R.T.: 16.720 min
Delta R.T.: -0.009 min
Response: 2265895
Conc: 16.79 ug/ml



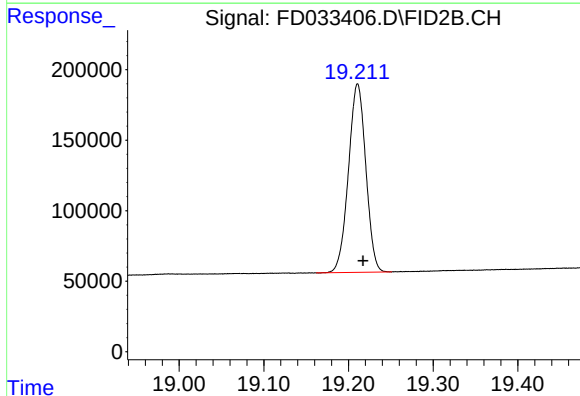
#17 n-Tricontane (C30)

R.T.: 17.603 min
Delta R.T.: -0.009 min
Response: 2181608
Conc: 16.56 ug/ml



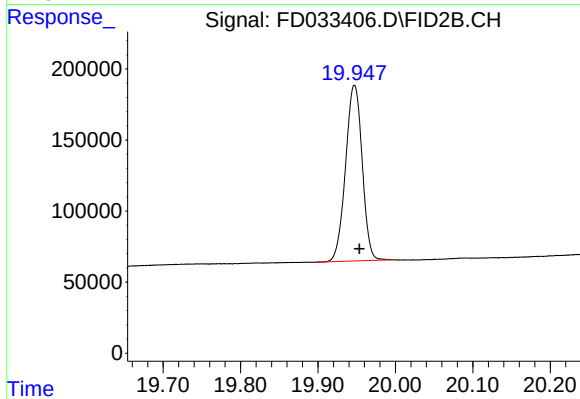
#18 n-Dotriacontane (C32)

R.T.: 18.431 min
Delta R.T.: -0.009 min
Response: 2007399
Conc: 16.61 ug/ml



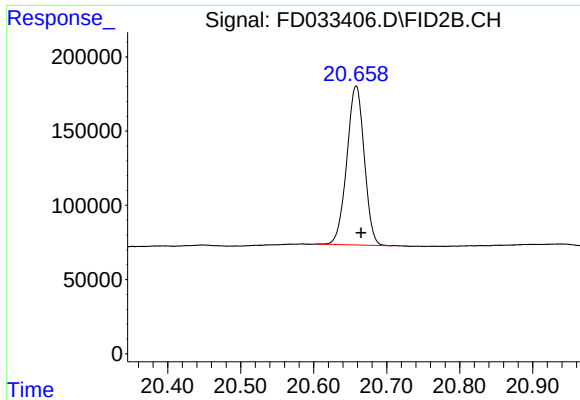
#19 n-Tetratriacontane (C34)

R.T.: 19.211 min
Delta R.T.: -0.007 min
Response: 1907461
Conc: 16.76 ug/ml



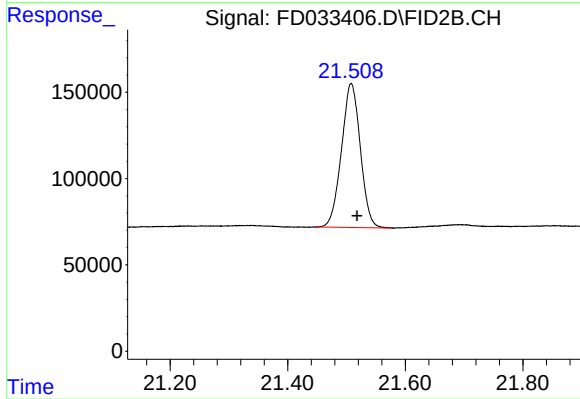
#20 n-Hexatriacontane (C36)

R.T.: 19.947 min
Delta R.T.: -0.006 min
Response: 1843116
Conc: 17.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.658 min
Delta R.T.: -0.006 min
Response: 1776660
Conc: 17.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.508 min
Delta R.T.: -0.010 min
Response: 1855437
Conc: 18.58 ug/ml