

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042420AL\
 Data File : FD033217.D
 Signal(s) : FID2B.CH
 Acq On : 25 Apr 2020 21:23
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 27 02:49:52 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)	11.488	2731247	18.178 ug/ml
Spiked Amount 50.000		Recovery =	36.36%
12) S 1-chlorooctadecane (S...	12.919	2129473	18.143 ug/ml
Spiked Amount 50.000		Recovery =	36.29%
Target Compounds			
1) T n-Nonane (C9)	3.301	2648797	19.810 ug/ml
2) T n-Decane (C10)	4.360	2688344	20.066 ug/ml
3) T A~Naphthalene (C11.7)	5.934	2905574	19.714 ug/ml
4) T n-Dodecane (C12)	6.365	2724640	20.095 ug/ml
5) T A~2-methylnaphthalene...	6.985	2917913	19.641 ug/ml
6) T n-Tetradecane (C14)	8.149	2735006	20.004 ug/ml
7) T n-Hexadecane (C16)	9.741	2717862	19.784 ug/ml
8) T n-Octadecane (C18)	11.175	2669696	19.278 ug/ml
10) T n-Eicosane (C20)	12.477	2589966	18.645 ug/ml
11) T n-Heneicosane (C21)	13.086	2559216	18.270 ug/ml
13) T n-Docosane (C22)	13.669	2509004	18.071 ug/ml
14) T n-Tetracosane (C24)	14.766	2452128	17.870 ug/ml
15) T n-Hexacosane (C26)	15.782	2392810	17.994 ug/ml
16) T n-Octacosane (C28)	16.726	2332500	18.479 ug/ml
17) T n-Tricontane (C30)	17.609	2210110	19.416 ug/ml
18) T n-Dotriacontane (C32)	18.438	1723992	20.523 ug/ml
19) T n-Tetratriacontane (C34)	19.216	1265459	20.865 ug/ml
20) T n-Hexatriacontane (C36)	19.953	1094521	21.815 ug/ml
21) T n-Octatriacontane (C38)	20.664	1026829	21.328 ug/ml
22) T n-Tetracontane (C40)	21.516	1023390	20.282 ug/ml

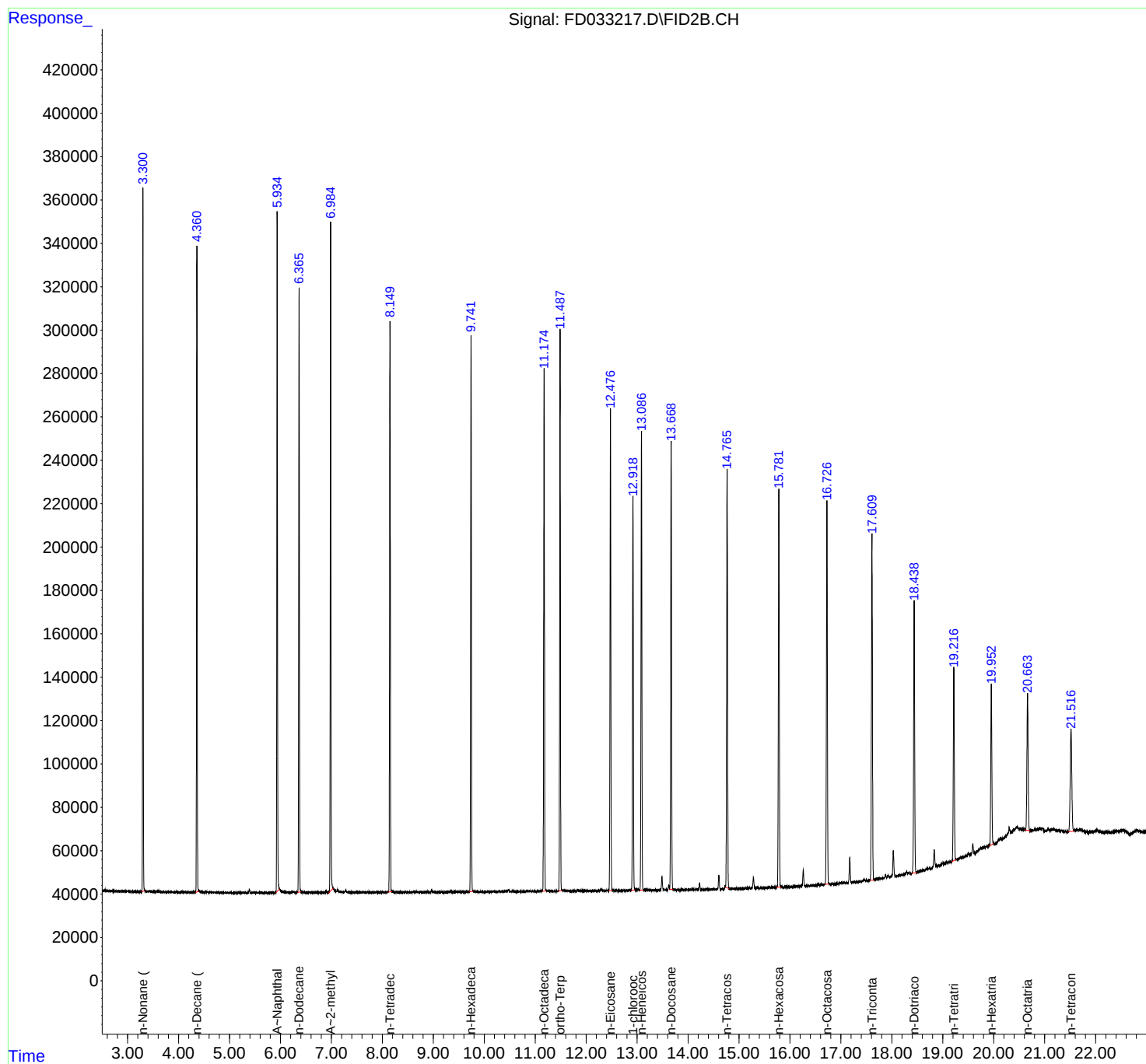
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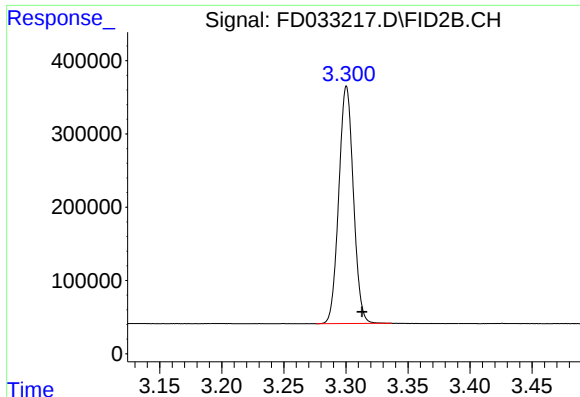
(m)=manual int.

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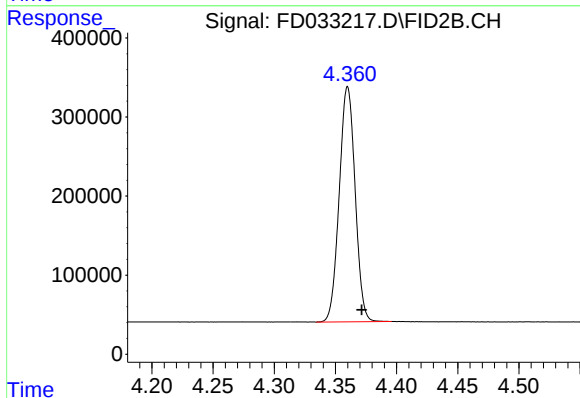
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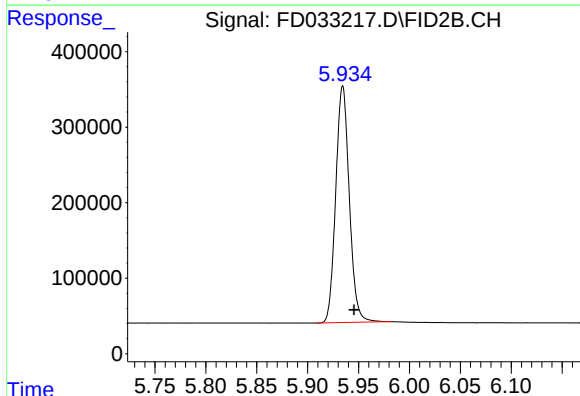
#1 n-Nonane (C9)

R.T.: 3.301 min
Delta R.T.: -0.012 min
Response: 2648797
Conc: 19.81 ug/ml



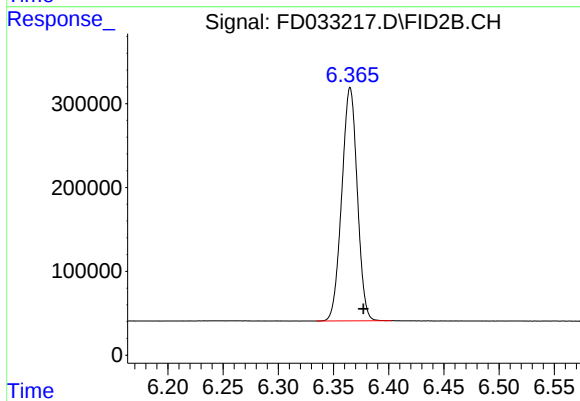
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.012 min
Response: 2688344
Conc: 20.07 ug/ml



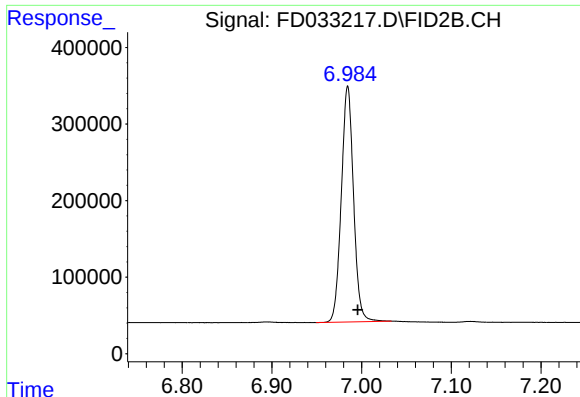
#3 A~Naphthalene (C11.7)

R.T.: 5.934 min
Delta R.T.: -0.011 min
Response: 2905574
Conc: 19.71 ug/ml



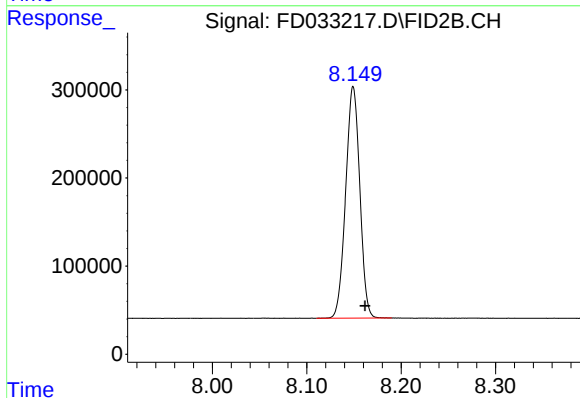
#4 n-Dodecane (C12)

R.T.: 6.365 min
Delta R.T.: -0.012 min
Response: 2724640
Conc: 20.10 ug/ml



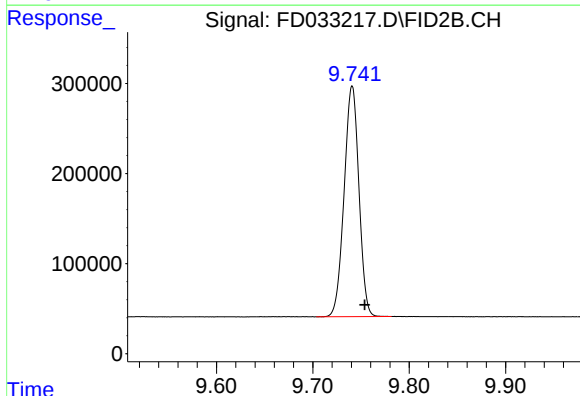
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.985 min
Delta R.T.: -0.011 min
Response: 2917913
Conc: 19.64 ug/ml



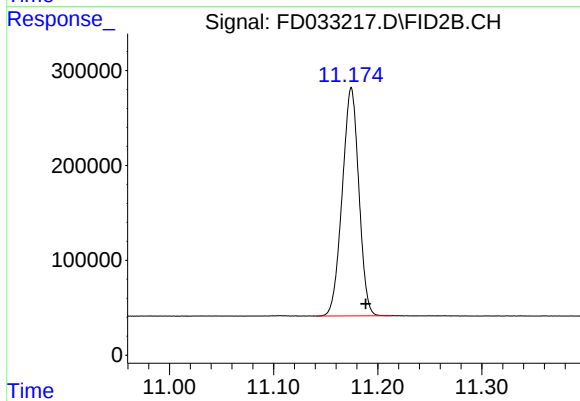
#6 n-Tetradecane (C14)

R.T.: 8.149 min
Delta R.T.: -0.013 min
Response: 2735006
Conc: 20.00 ug/ml



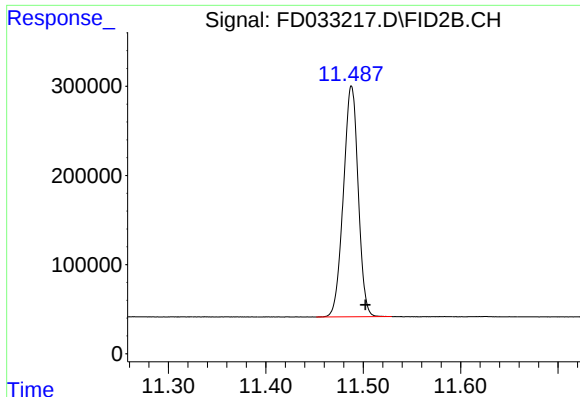
#7 n-Hexadecane (C16)

R.T.: 9.741 min
Delta R.T.: -0.013 min
Response: 2717862
Conc: 19.78 ug/ml



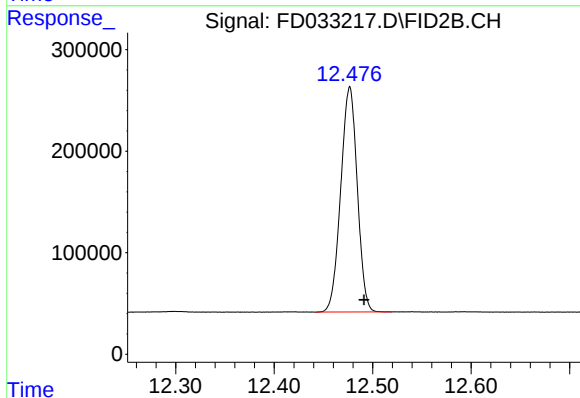
#8 n-Octadecane (C18)

R.T.: 11.175 min
Delta R.T.: -0.014 min
Response: 2669696
Conc: 19.28 ug/ml



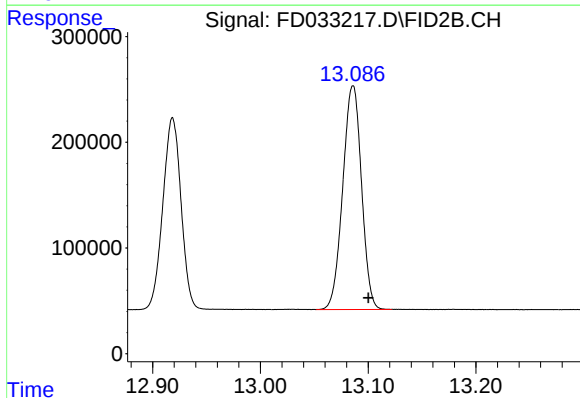
#9 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.014 min
Response: 2731247
Conc: 18.18 ug/ml



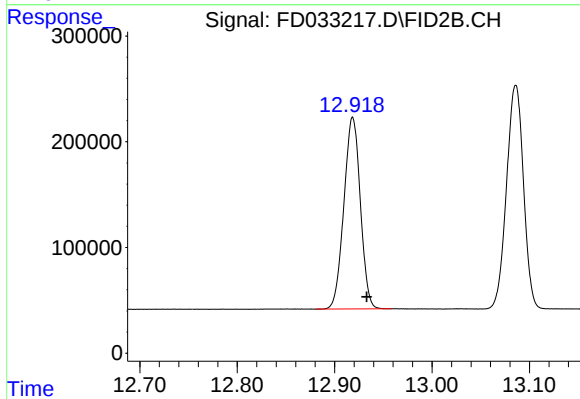
#10 n-Eicosane (C20)

R.T.: 12.477 min
Delta R.T.: -0.015 min
Response: 2589966
Conc: 18.65 ug/ml



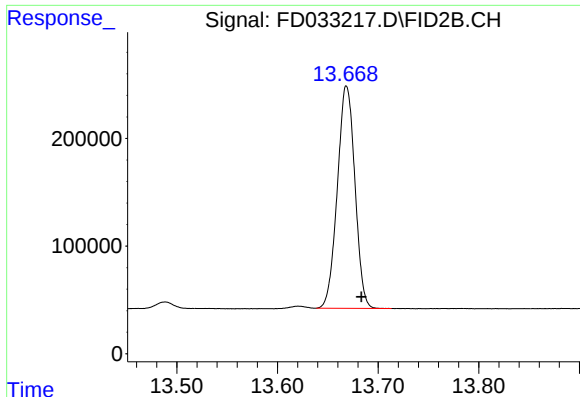
#11 n-Heneicosane (C21)

R.T.: 13.086 min
Delta R.T.: -0.014 min
Response: 2559216
Conc: 18.27 ug/ml



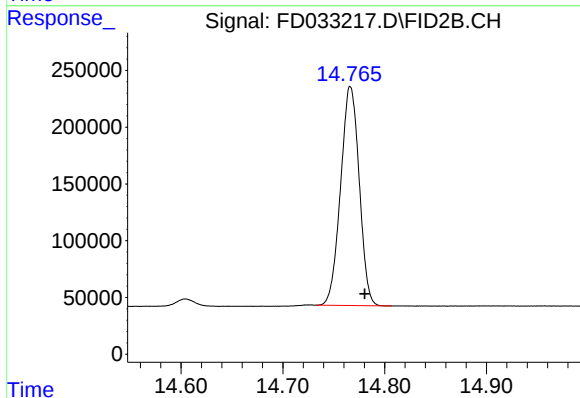
#12 1-chlorooctadecane (SURR)

R.T.: 12.919 min
Delta R.T.: -0.014 min
Response: 2129473
Conc: 18.14 ug/ml



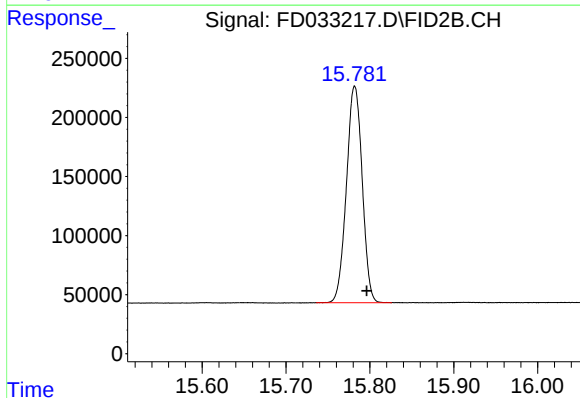
#13 n-Docosane (C22)

R.T.: 13.669 min
Delta R.T.: -0.015 min
Response: 2509004
Conc: 18.07 ug/ml



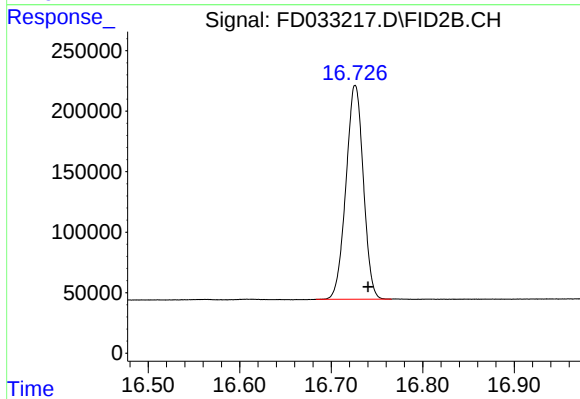
#14 n-Tetracosane (C24)

R.T.: 14.766 min
Delta R.T.: -0.014 min
Response: 2452128
Conc: 17.87 ug/ml



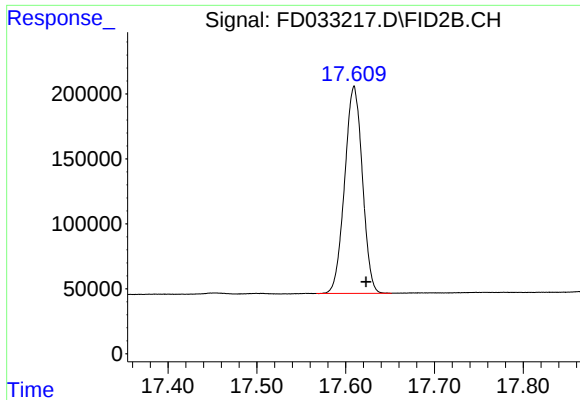
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: -0.014 min
Response: 2392810
Conc: 17.99 ug/ml



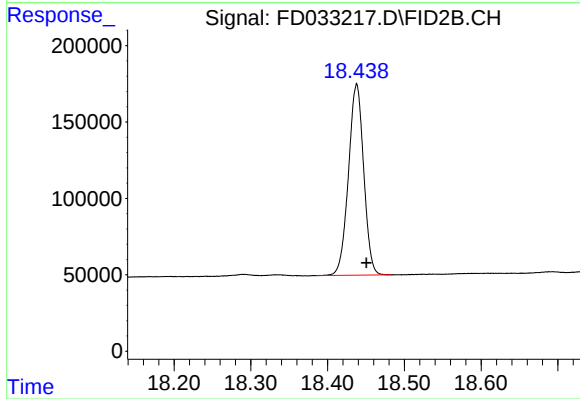
#16 n-Octacosane (C28)

R.T.: 16.726 min
Delta R.T.: -0.014 min
Response: 2332500
Conc: 18.48 ug/ml



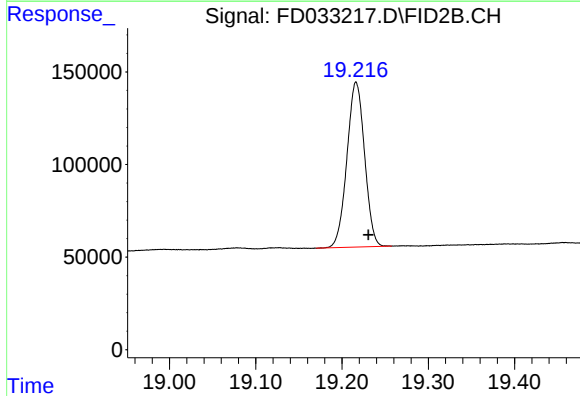
#17 n-Tricontane (C30)

R.T.: 17.609 min
Delta R.T.: -0.014 min
Response: 2210110
Conc: 19.42 ug/ml



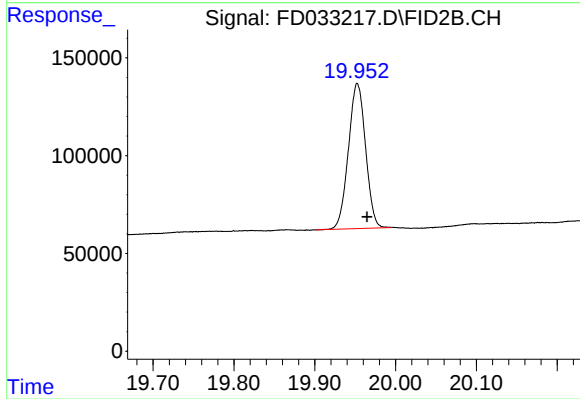
#18 n-Dotriacontane (C32)

R.T.: 18.438 min
Delta R.T.: -0.013 min
Response: 1723992
Conc: 20.52 ug/ml



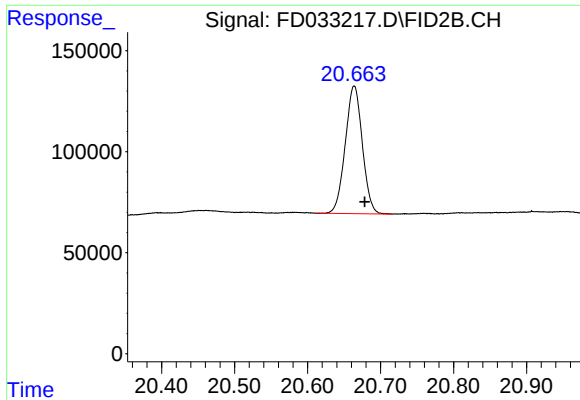
#19 n-Tetratriacontane (C34)

R.T.: 19.216 min
Delta R.T.: -0.014 min
Response: 1265459
Conc: 20.87 ug/ml



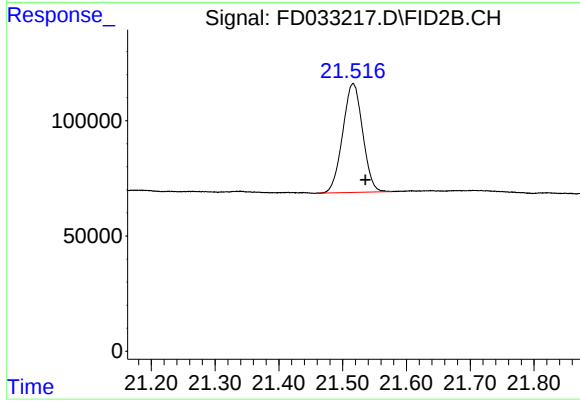
#20 n-Hexatriacontane (C36)

R.T.: 19.953 min
Delta R.T.: -0.012 min
Response: 1094521
Conc: 21.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.664 min
Delta R.T.: -0.014 min
Response: 1026829
Conc: 21.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.516 min
Delta R.T.: -0.019 min
Response: 1023390
Conc: 20.28 ug/ml