

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082118AR\
 Data File : FD025435.D
 Signal(s) : FID2B.CH
 Acq On : 21 Aug 2018 13:38
 Operator : AJ\SJ
 Sample : 10 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 21 14:03:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 13:25:31 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.440	805604	10.086 ug/ml
Spiked Amount 50.000		Recovery =	20.17%
6) S 2-Fluorobiphenyl (SURR)	8.292	565769	10.019 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.04%
11) S ortho-Terphenyl (SURR)	11.336	951920	10.376 ug/ml
Spiked Amount 50.000		Recovery =	20.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.240	787309	10.253 ug/ml
2) T Naphthalene (C11.7)	5.774	868320	10.039 ug/ml
3) T 2-Methylnaphthalene (...)	6.826	880778	9.998 ug/ml
5) T Acenaphthylene (C15.06)	8.096	891395	10.087 ug/ml
7) T Acenaphthene (C15.5)	8.392	934254	10.091 ug/ml
8) T Flouorene (C16.55)	9.170	968056	10.299 ug/ml
9) T Phenanthrene (C19.36)	10.561	971554	10.238 ug/ml
10) T Anthracene (C19.43)	10.634	955628	10.236 ug/ml
12) T Fluoranthene (C21.85)	12.366	969902	10.353 ug/ml
13) T Pyrene (C20.8)	12.661	964891	10.309 ug/ml
14) T Benzo[a]anthracene (C...	14.529	895577	10.102 ug/ml
15) T Chrysene (C27.41)	14.570	899761	10.125 ug/ml
16) T benzo[b]fluoranthene ...	16.076	952804	10.050 ug/ml
17) T Bnezo[k]fluoranthene ...	16.106	973491	10.227 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.451	975483	10.106 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.811	1036266	10.170 ug/ml
20) T Dibenz[a,h]anthracene...	17.855	1015213	10.177 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	1034616	10.159 ug/ml

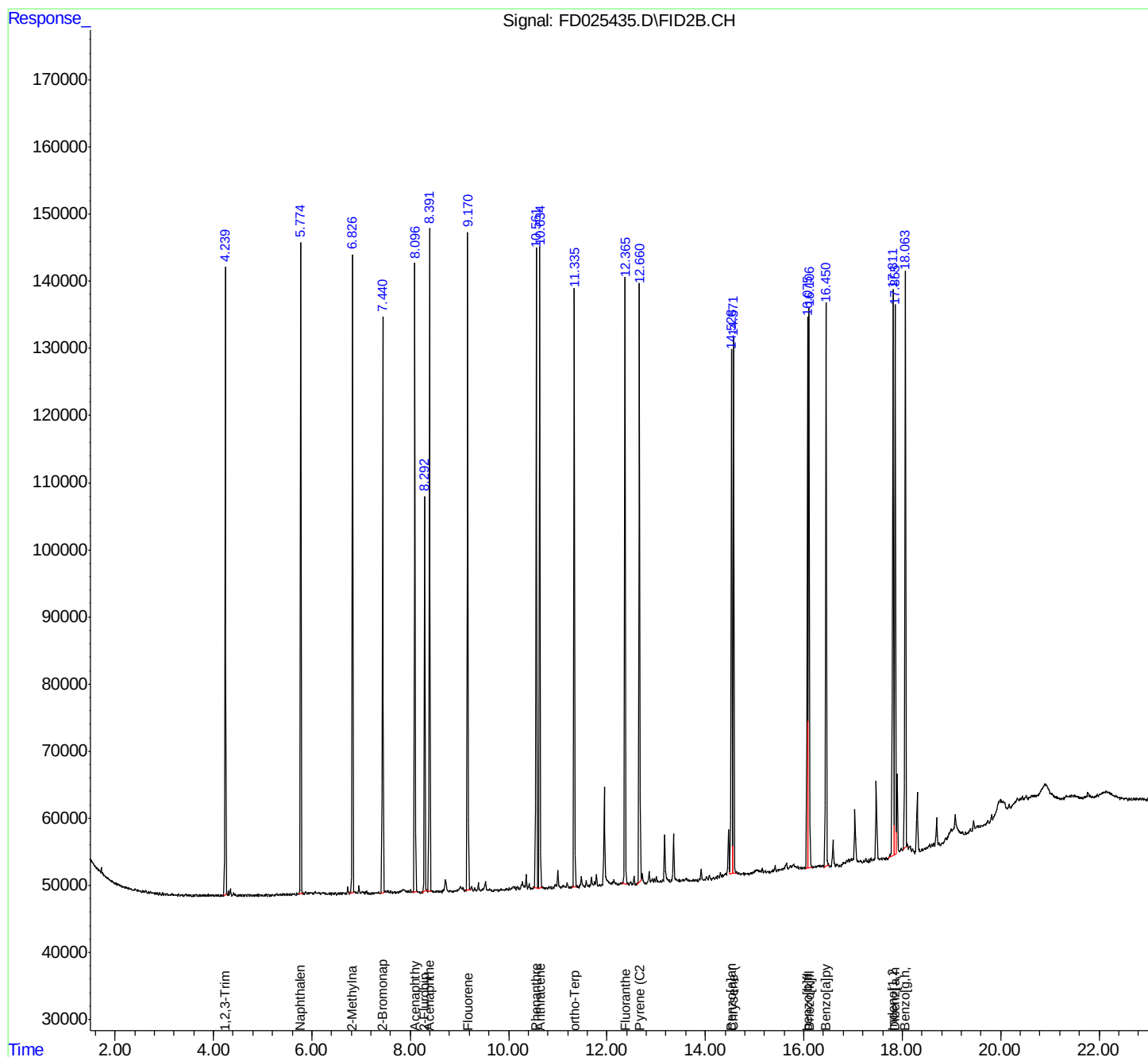
(f)=RT Delta > 1/2 Window

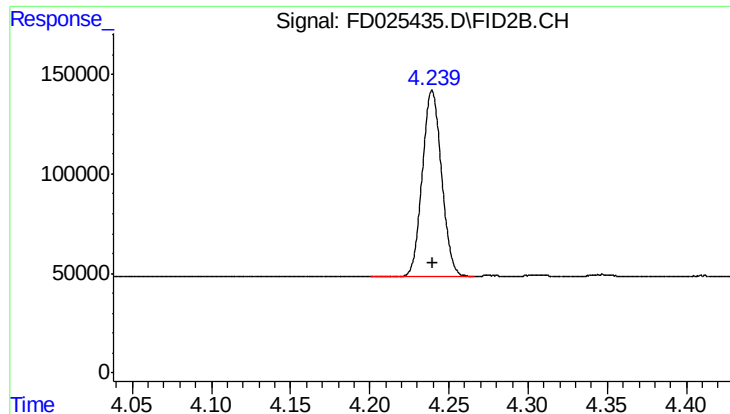
(m)=manual int.

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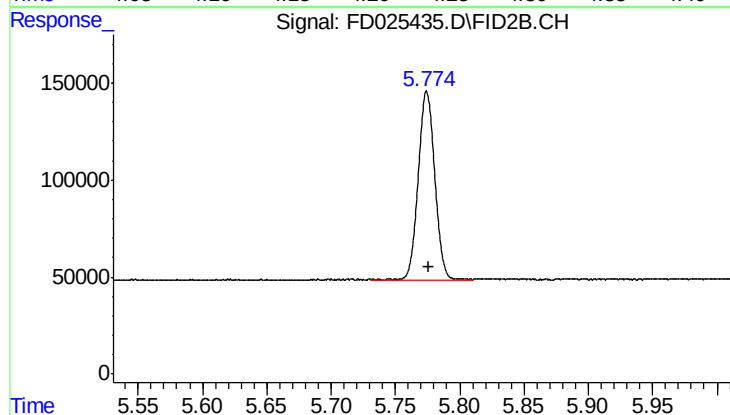
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Signal Info : 20M x 0.18mm x 0.18µm





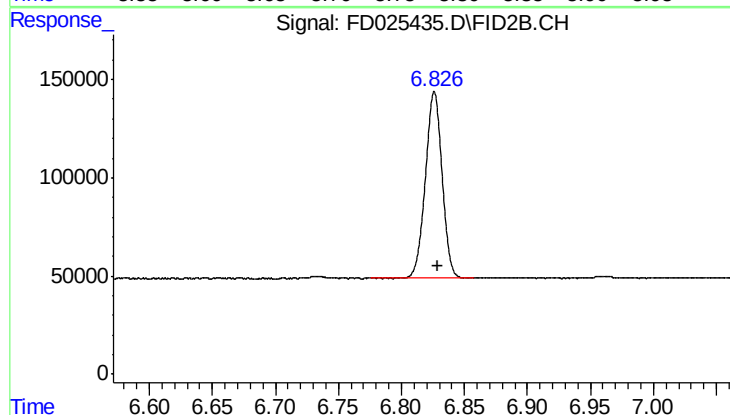
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.240 min
Delta R.T.: 0.000 min
Response: 787309
Conc: 10.25 ug/ml



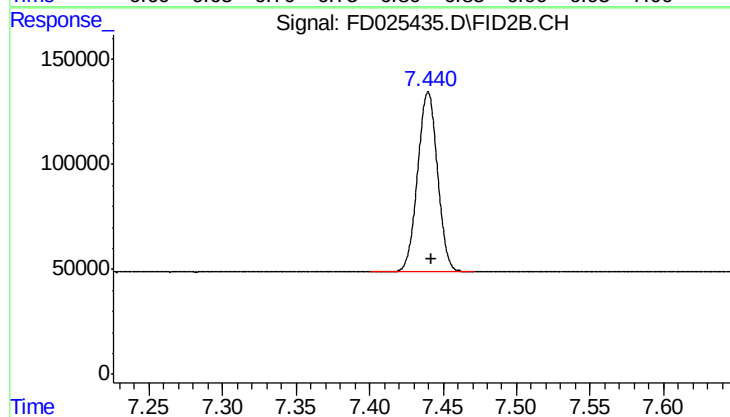
#2 Naphthalene (C11.7)

R.T.: 5.774 min
Delta R.T.: -0.001 min
Response: 868320
Conc: 10.04 ug/ml



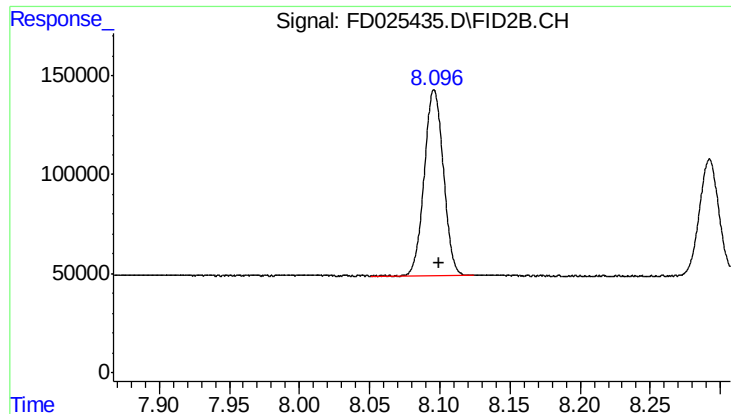
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.826 min
Delta R.T.: -0.002 min
Response: 880778
Conc: 10.00 ug/ml



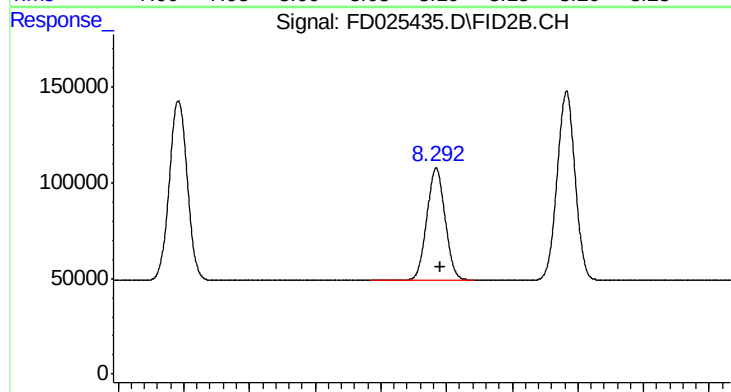
#4 2-Bromonaphthalene (SURR)

R.T.: 7.440 min
Delta R.T.: -0.002 min
Response: 805604
Conc: 10.09 ug/ml



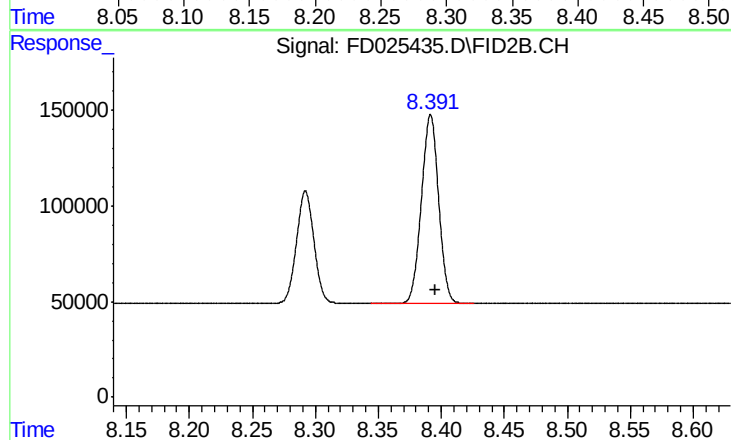
#5 Acenaphthylene (C15.06)

R.T.: 8.096 min
Delta R.T.: -0.004 min
Response: 891395
Conc: 10.09 ug/ml



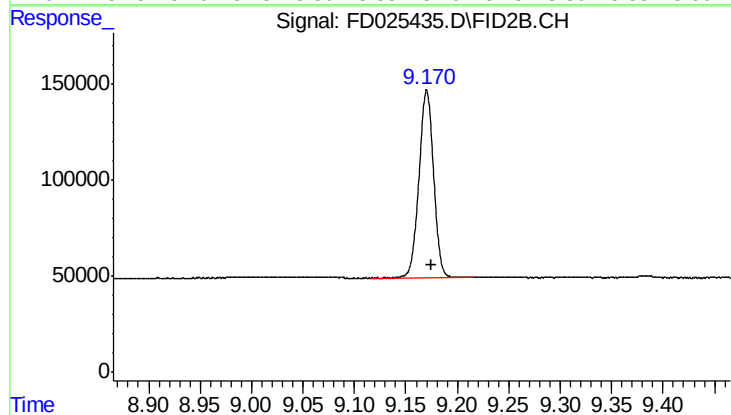
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.292 min
Delta R.T.: -0.003 min
Response: 565769
Conc: 10.02 ug/ml



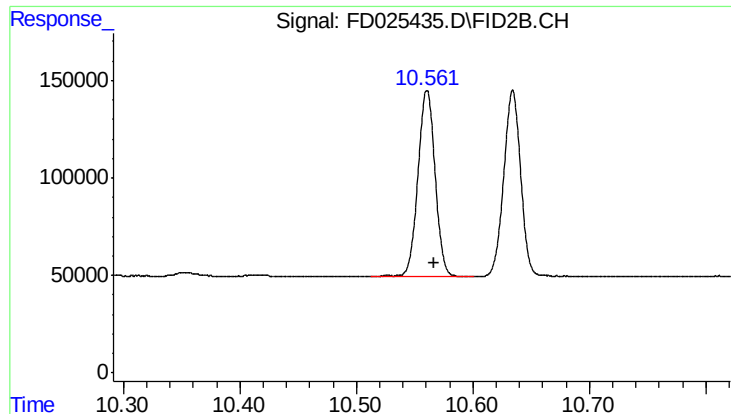
#7 Acenaphthene (C15.5)

R.T.: 8.392 min
Delta R.T.: -0.004 min
Response: 934254
Conc: 10.09 ug/ml



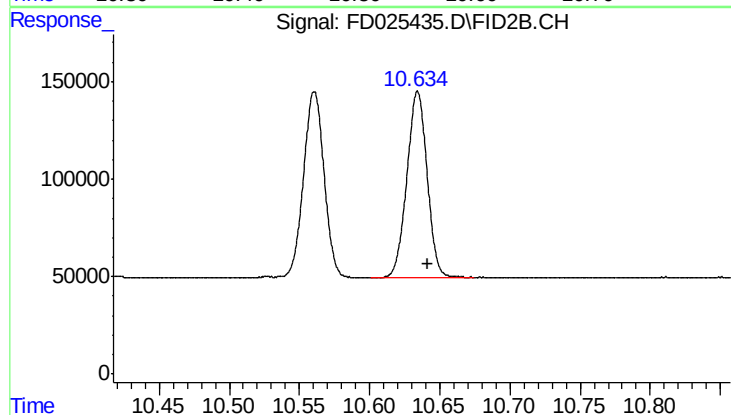
#8 Fluorene (C16.55)

R.T.: 9.170 min
Delta R.T.: -0.004 min
Response: 968056
Conc: 10.30 ug/ml



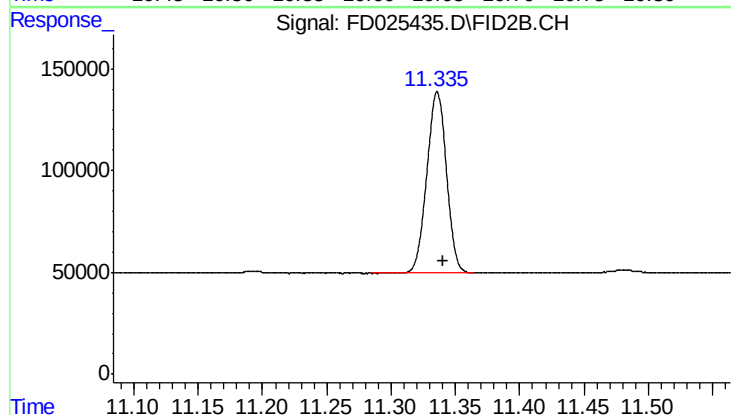
#9 Phenanthrene (C19.36)

R.T.: 10.561 min
Delta R.T.: -0.005 min
Response: 971554
Conc: 10.24 ug/ml



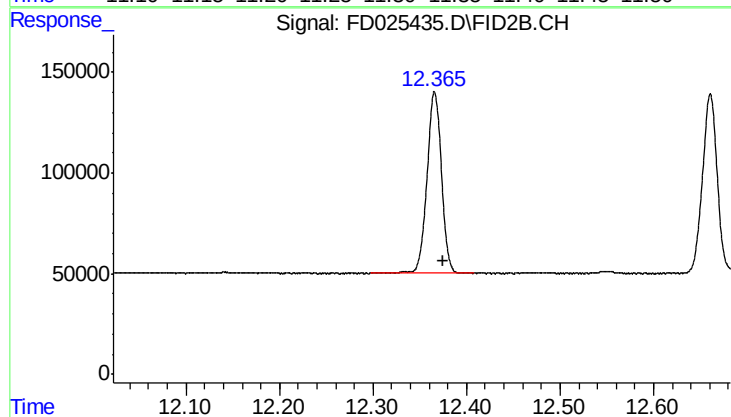
#10 Anthracene (C19.43)

R.T.: 10.634 min
Delta R.T.: -0.007 min
Response: 955628
Conc: 10.24 ug/ml



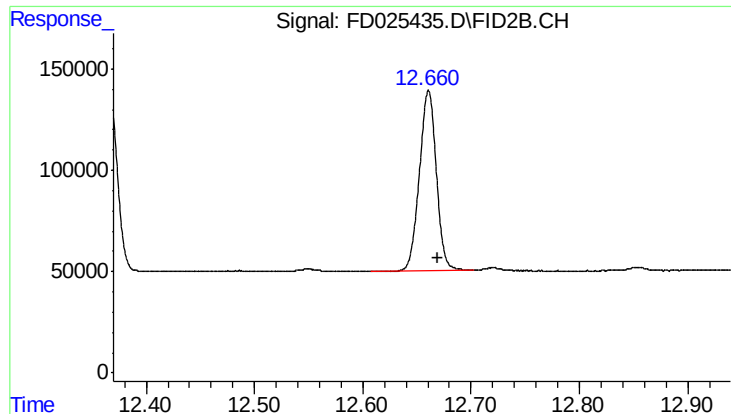
#11 ortho-Terphenyl (SURR)

R.T.: 11.336 min
Delta R.T.: -0.004 min
Response: 951920
Conc: 10.38 ug/ml



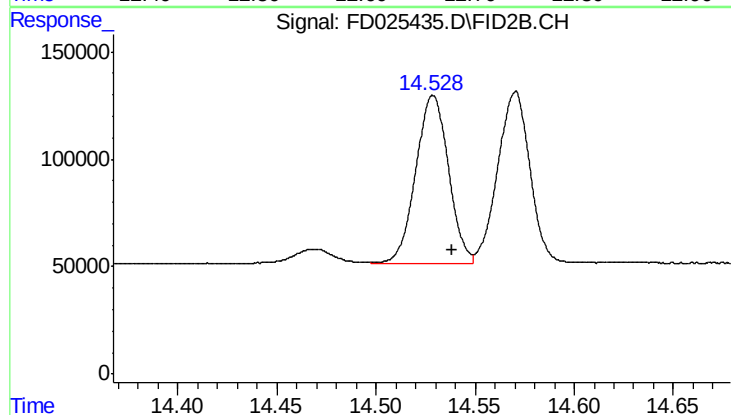
#12 Fluoranthene (C21.85)

R.T.: 12.366 min
Delta R.T.: -0.008 min
Response: 969902
Conc: 10.35 ug/ml



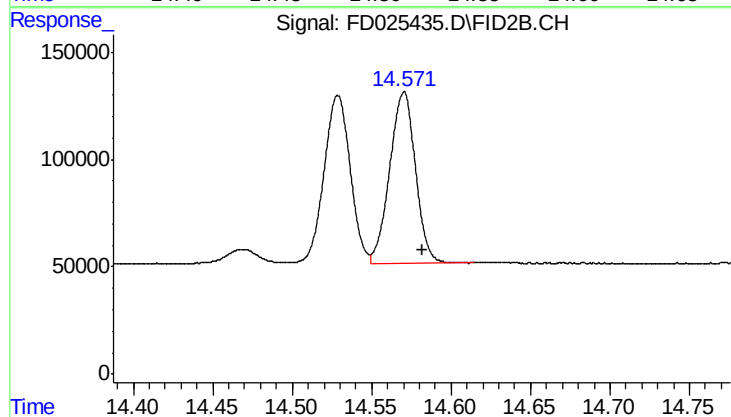
#13 Pyrene (C20.8)

R.T.: 12.661 min
Delta R.T.: -0.008 min
Response: 964891
Conc: 10.31 ug/ml



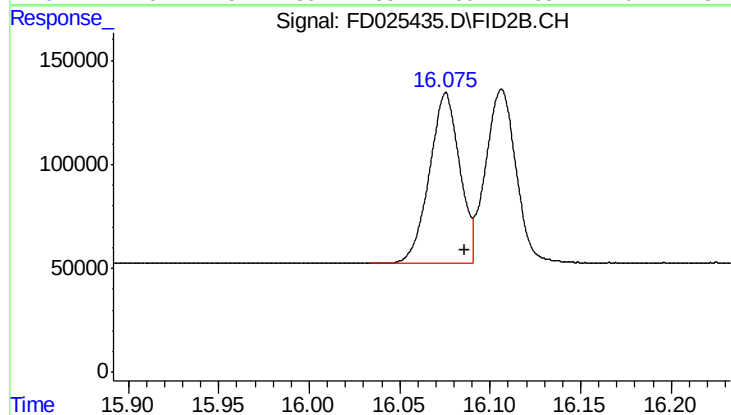
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.529 min
Delta R.T.: -0.009 min
Response: 895577
Conc: 10.10 ug/ml



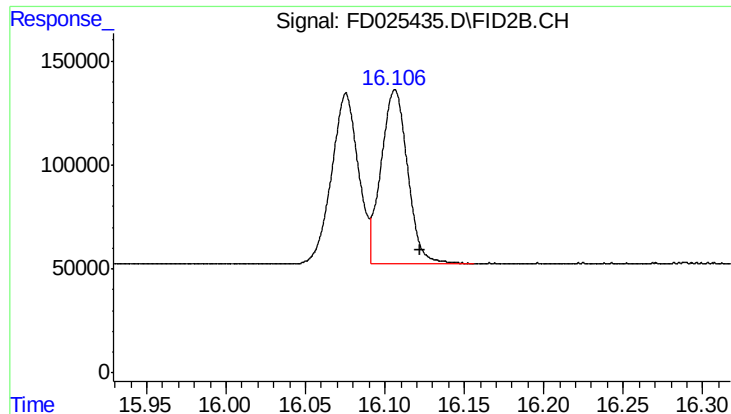
#15 Chrysene (C27.41)

R.T.: 14.570 min
Delta R.T.: -0.012 min
Response: 899761
Conc: 10.13 ug/ml



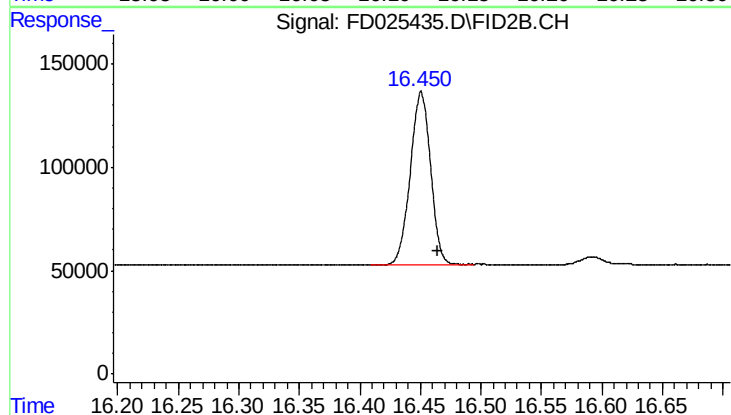
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.076 min
Delta R.T.: -0.010 min
Response: 952804
Conc: 10.05 ug/ml



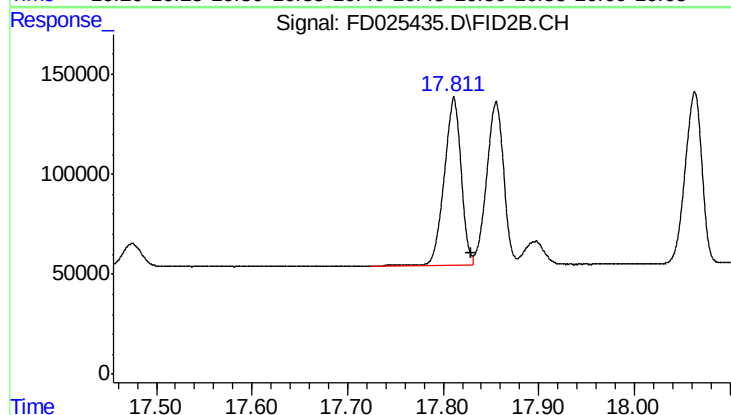
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.106 min
Delta R.T.: -0.016 min
Response: 973491
Conc: 10.23 ug/ml



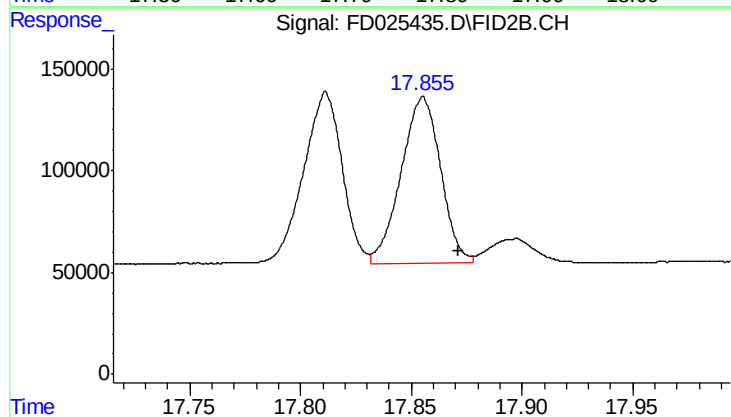
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.451 min
Delta R.T.: -0.014 min
Response: 975483
Conc: 10.11 ug/ml



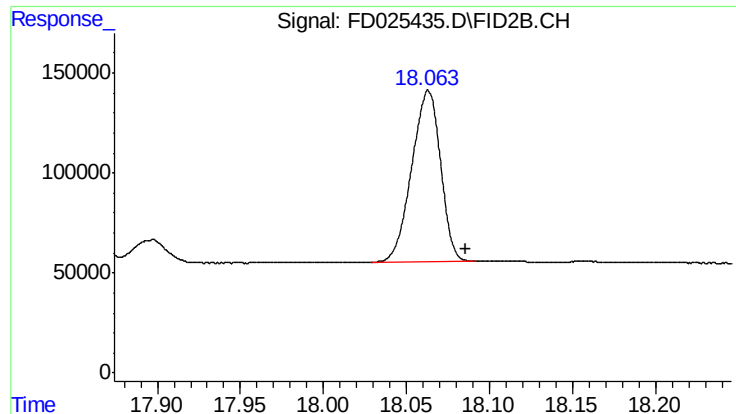
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.811 min
Delta R.T.: -0.018 min
Response: 1036266
Conc: 10.17 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.855 min
Delta R.T.: -0.016 min
Response: 1015213
Conc: 10.18 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.063 min
Delta R.T.: -0.022 min
Response: 1034616
Conc: 10.16 ug/ml