

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062420AR\
 Data File : FD033779.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jun 2020 11:04
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 25 03:02:59 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:50:25 2020
 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...	7.566	2392526	21.646 ug/ml
Spiked Amount 50.000		Recovery =	43.29%
6) S 2-Fluorobiphenyl (SURR)	8.429	1610234	21.694 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.39%
11) S ortho-Terphenyl (SURR)	11.455	2884367	20.768 ug/ml
Spiked Amount 50.000		Recovery =	41.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.375	2801547	22.238 ug/ml
2) T Naphthalene (C11.7)	5.909	2732755	21.740 ug/ml
3) T 2-Methylnaphthalene (...)	6.958	2778748	21.781 ug/ml
5) T Acenaphthylene (C15.06)	8.228	2771889	21.516 ug/ml
7) T Acenaphthene (C15.5)	8.522	2915815	21.791 ug/ml
8) T Fluorene (C16.55)	9.303	2702809	21.506 ug/ml
9) T Phenanthrene (C19.36)	10.696	2718384	21.173 ug/ml
10) T Anthracene (C19.43)	10.772	2604845	20.609 ug/ml
12) T Fluoranthene (C21.85)	12.506	2731349	20.742 ug/ml
13) T Pyrene (C20.8)	12.802	2625043	20.439 ug/ml
14) T Benzo[a]anthracene (C...	14.676	2416571	20.350 ug/ml
15) T Chrysene (C27.41)	14.718	2637073	19.915 ug/ml
16) T benzo[b]fluoranthene ...	16.229	2349124	19.846 ug/ml
17) T Bnezo[k]fluoranthene ...	16.260	2477907	19.394 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.609	2226144	18.561 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	2083131	19.994 ug/ml
20) T Dibenz[a,h]anthracene...	18.013	2399259	19.572 ug/ml
21) T Benzo[g,h,i]perylene ...	18.231	2249392	19.969 ug/ml

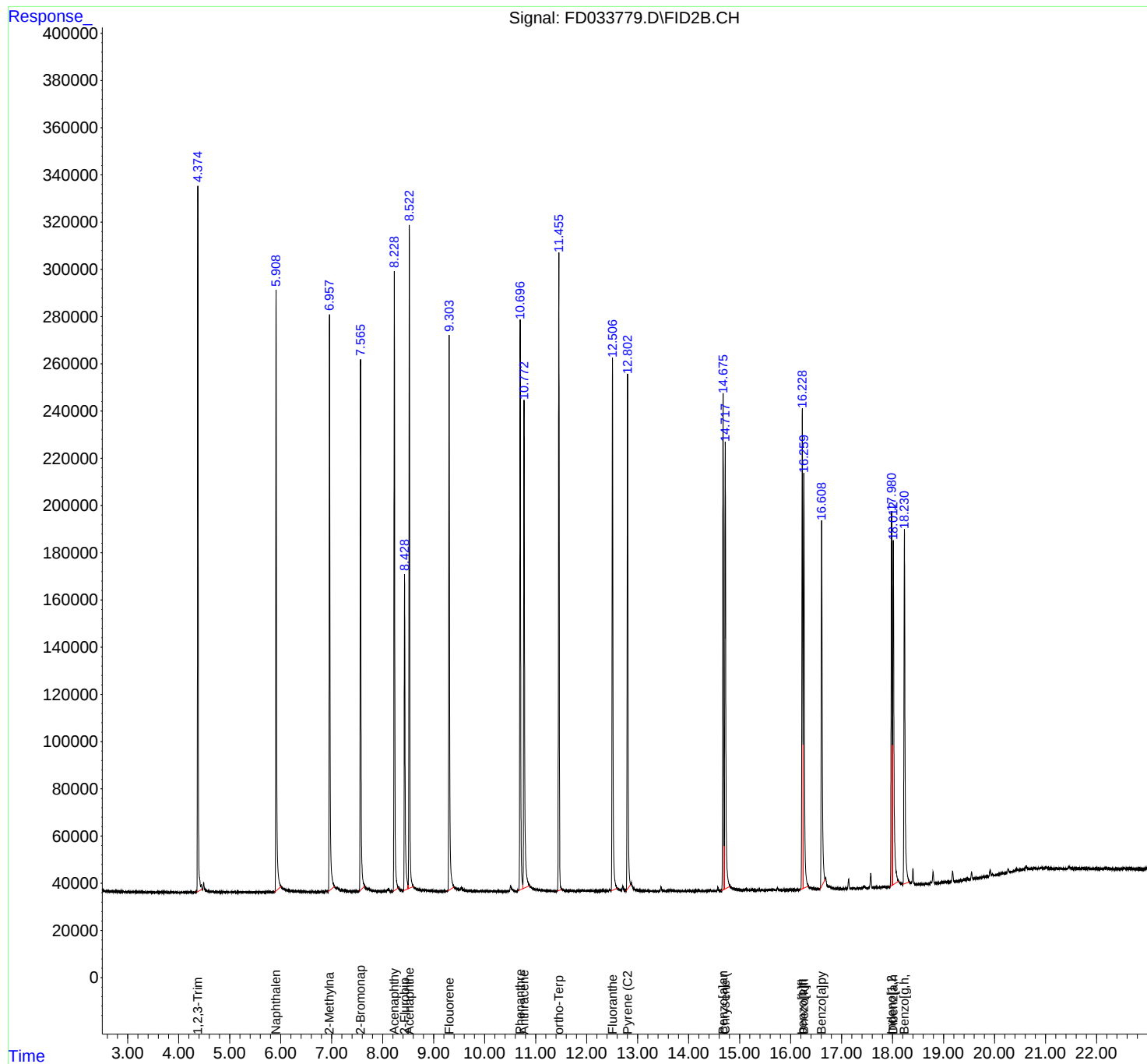
(f)=RT Delta > 1/2 Window

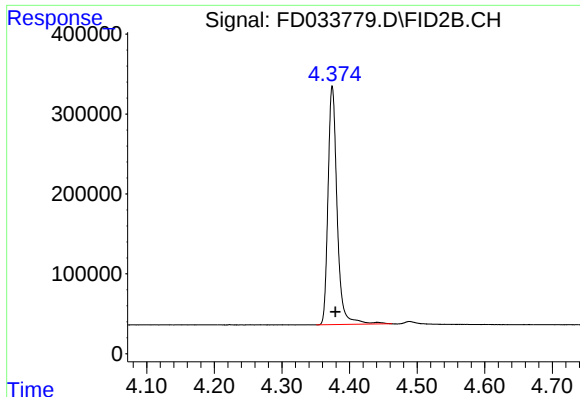
(m)=manual int.

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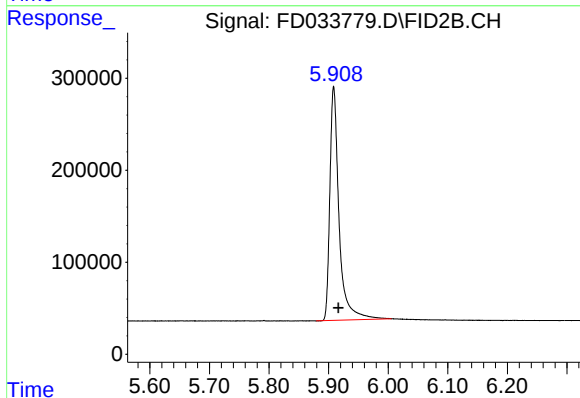
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





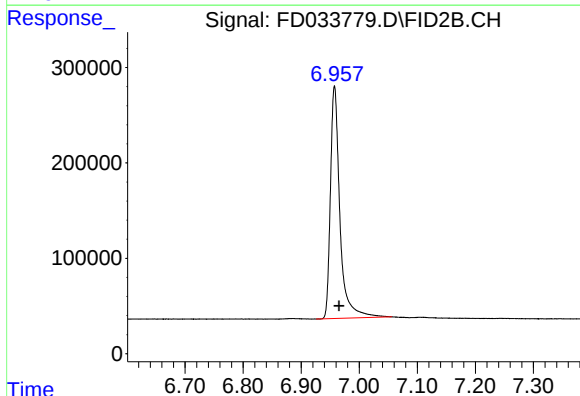
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.375 min
Delta R.T.: -0.004 min
Response: 2801547
Conc: 22.24 ug/ml



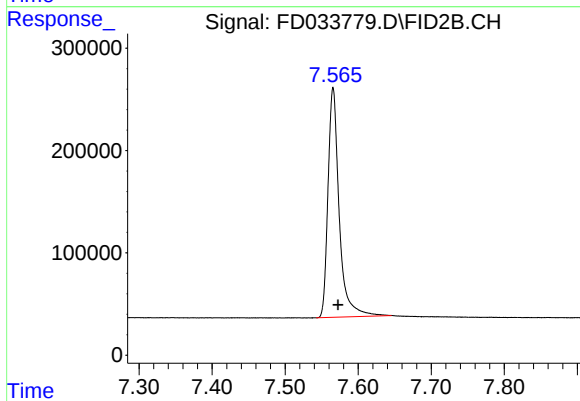
#2 Naphthalene (C11.7)

R.T.: 5.909 min
Delta R.T.: -0.008 min
Response: 2732755
Conc: 21.74 ug/ml



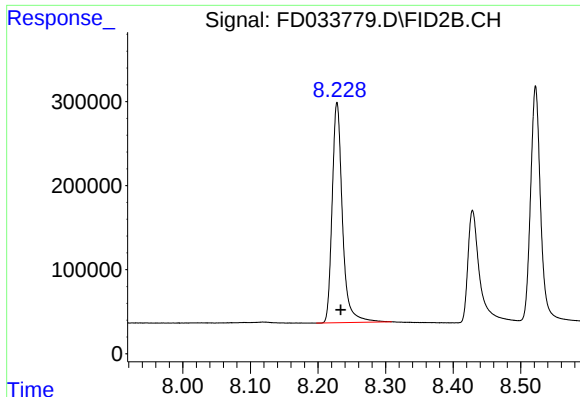
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.958 min
Delta R.T.: -0.008 min
Response: 2778748
Conc: 21.78 ug/ml



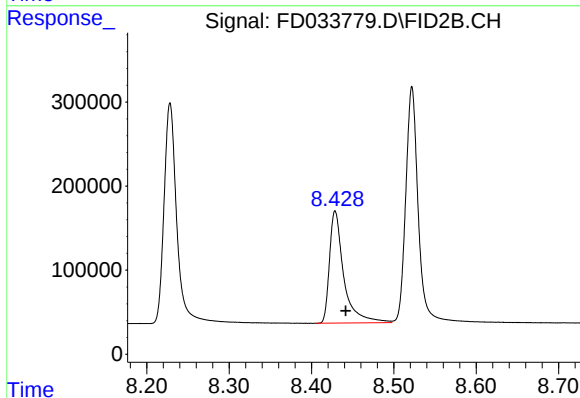
#4 2-Bromonaphthalene (SURR)

R.T.: 7.566 min
Delta R.T.: -0.007 min
Response: 2392526
Conc: 21.65 ug/ml



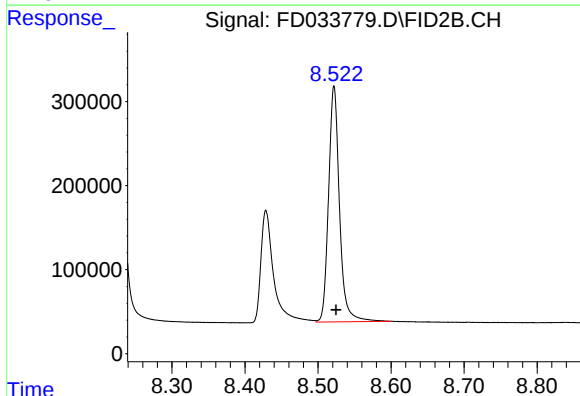
#5 Acenaphthylene (C15.06)

R.T.: 8.228 min
Delta R.T.: -0.005 min
Response: 2771889
Conc: 21.52 ug/ml



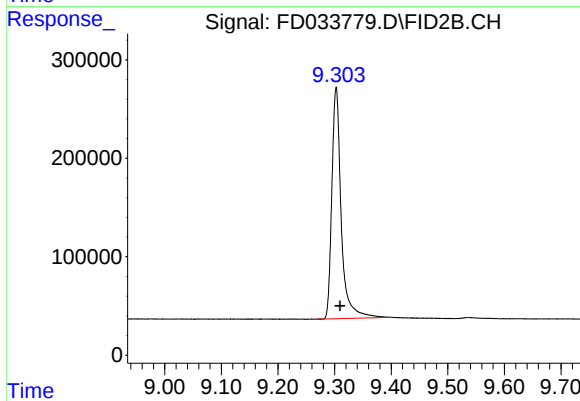
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min
Delta R.T.: -0.013 min
Response: 1610234
Conc: 21.69 ug/ml



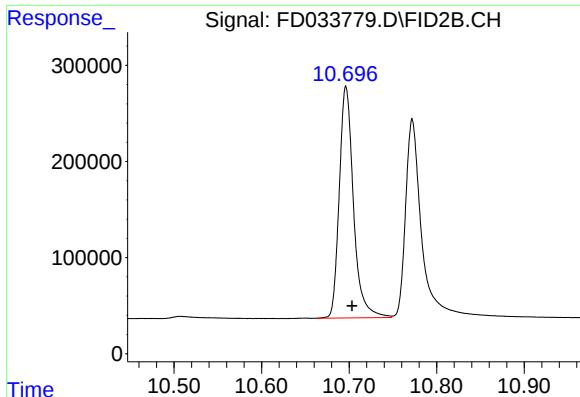
#7 Acenaphthene (C15.5)

R.T.: 8.522 min
Delta R.T.: -0.003 min
Response: 2915815
Conc: 21.79 ug/ml



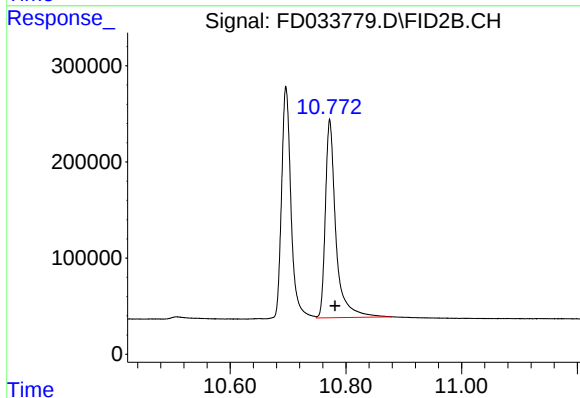
#8 Fluorene (C16.55)

R.T.: 9.303 min
Delta R.T.: -0.007 min
Response: 2702809
Conc: 21.51 ug/ml



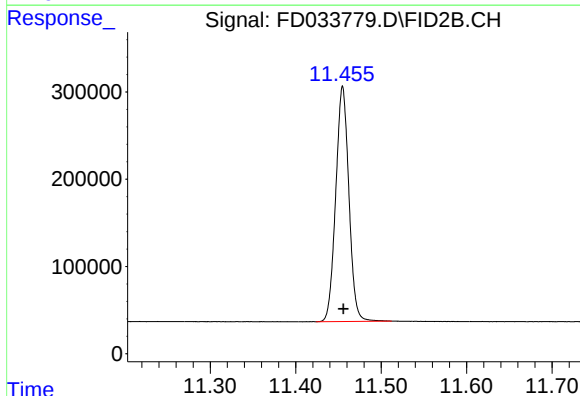
#9 Phenanthrene (C19.36)

R.T.: 10.696 min
Delta R.T.: -0.007 min
Response: 2718384
Conc: 21.17 ug/ml



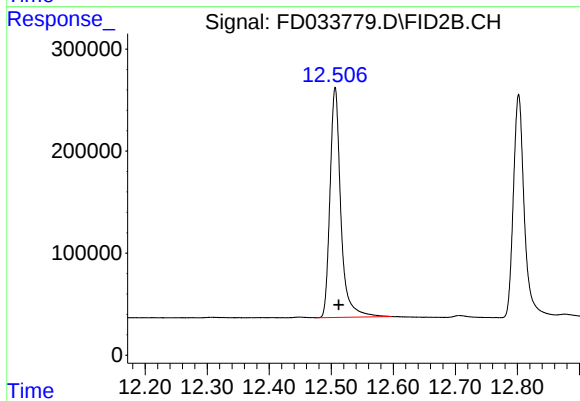
#10 Anthracene (C19.43)

R.T.: 10.772 min
Delta R.T.: -0.009 min
Response: 2604845
Conc: 20.61 ug/ml



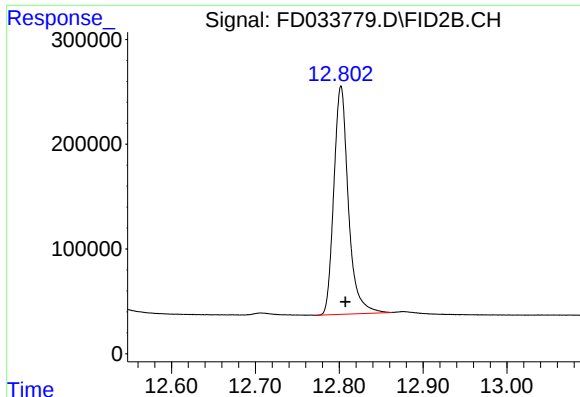
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.001 min
Response: 2884367
Conc: 20.77 ug/ml



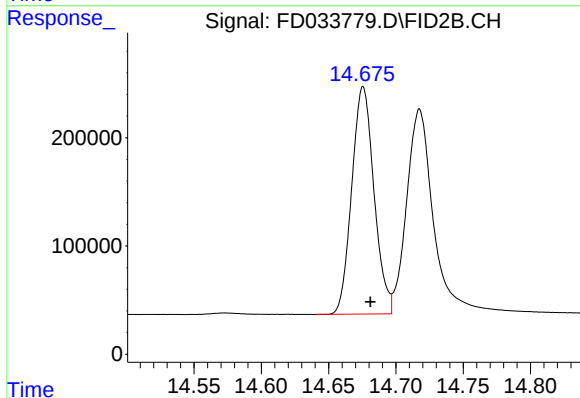
#12 Fluoranthene (C21.85)

R.T.: 12.506 min
Delta R.T.: -0.006 min
Response: 2731349
Conc: 20.74 ug/ml



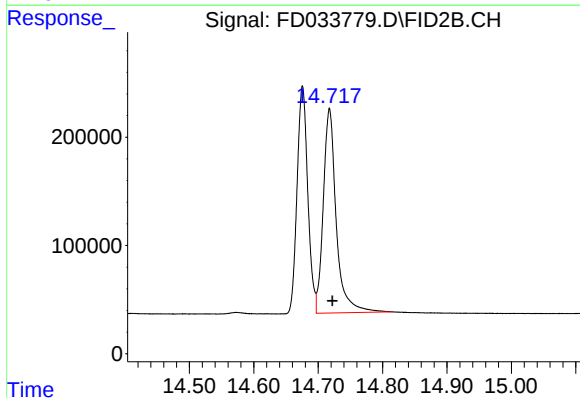
#13 Pyrene (C20.8)

R.T.: 12.802 min
Delta R.T.: -0.005 min
Response: 2625043
Conc: 20.44 ug/ml



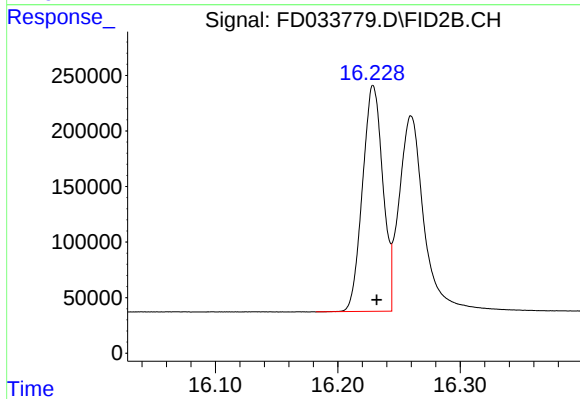
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.676 min
Delta R.T.: -0.005 min
Response: 2416571
Conc: 20.35 ug/ml



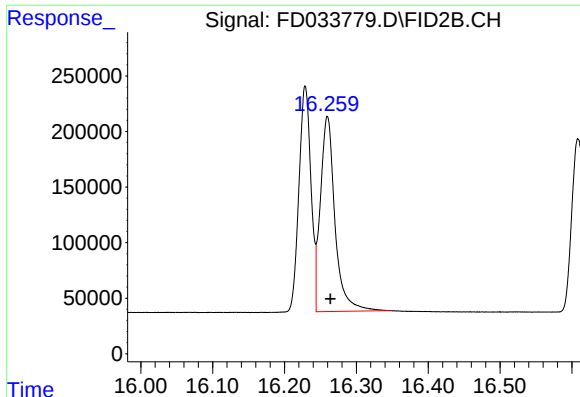
#15 Chrysene (C27.41)

R.T.: 14.718 min
Delta R.T.: -0.005 min
Response: 2637073
Conc: 19.91 ug/ml



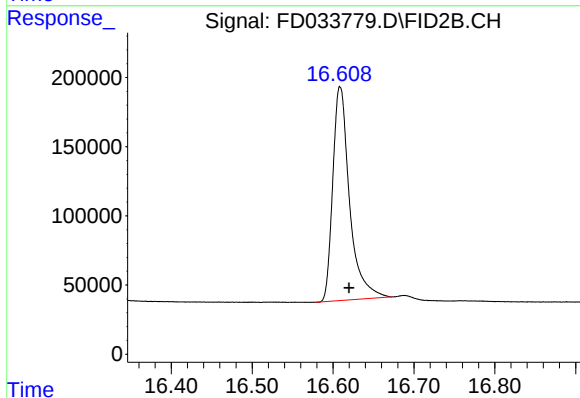
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.229 min
Delta R.T.: -0.003 min
Response: 2349124
Conc: 19.85 ug/ml



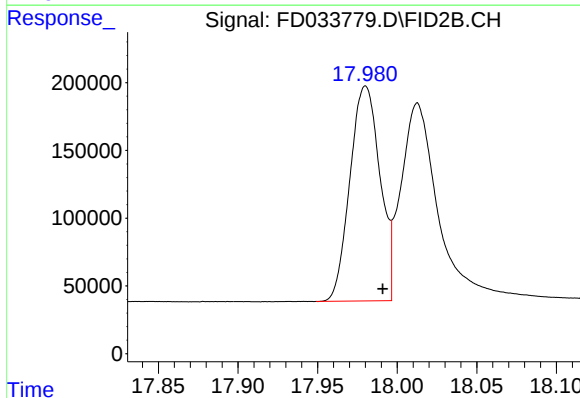
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.260 min
Delta R.T.: -0.004 min
Response: 2477907
Conc: 19.39 ug/ml



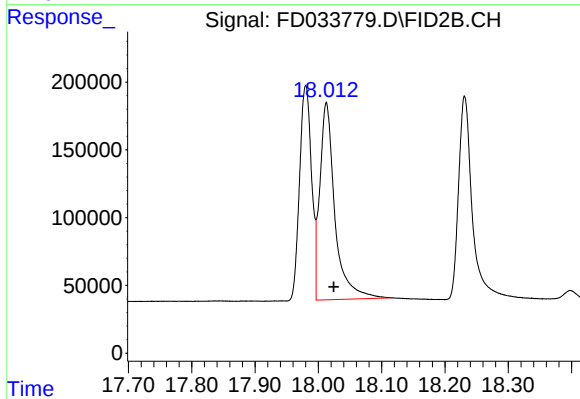
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.609 min
Delta R.T.: -0.011 min
Response: 2226144
Conc: 18.56 ug/ml



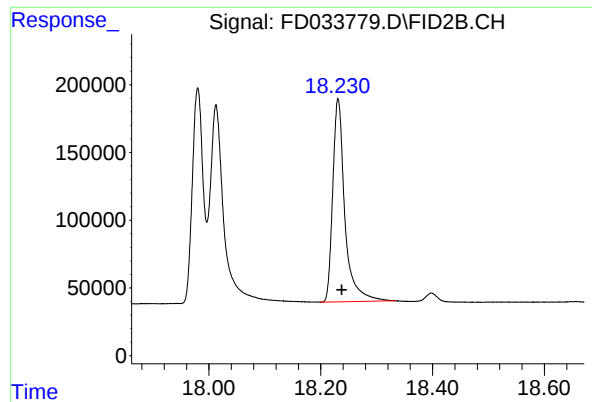
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: -0.011 min
Response: 2083131
Conc: 19.99 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.012 min
Response: 2399259
Conc: 19.57 ug/ml



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

R.T.: 18.231 min
Delta R.T.: -0.006 min
Response: 2249392
Conc: 19.97 ug/ml