

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101619AR\
 Data File : FD031034.D
 Signal(s) : FID2B.CH
 Acq On : 16 Oct 2019 16:17
 Operator : DD\AJ
 Sample : K5160-05MS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 01:28:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 2019
 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...	7.552	4803844	50.257 ug/ml
Spiked Amount 50.000		Recovery =	100.51%
6) S 2-Fluorobiphenyl (SURR)	8.412	2955405	46.578 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.16%
11) S ortho-Terphenyl (SURR)	11.442	5733994	52.317 ug/ml
Spiked Amount 50.000		Recovery =	104.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	2831816	28.547 ug/ml
2) T Naphthalene (C11.7)	5.894	4092752	40.423 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	4299913	41.938 ug/ml
5) T Acenaphthylene (C15.06)	8.214	4474204	43.343 ug/ml
7) T Acenaphthene (C15.5)	8.509	4794710	43.925 ug/ml
8) T Flouorene (C16.55)	9.288	4861237	46.895 ug/ml
9) T Phenanthrene (C19.36)	10.680	5136784	49.171 ug/ml
10) T Anthracene (C19.43)	10.755	5054109	48.167 ug/ml
12) T Fluoranthene (C21.85)	12.488	5743351	54.065 ug/ml
13) T Pyrene (C20.8)	12.783	5552035	52.398 ug/ml
14) T Benzo[a]anthracene (C...	14.650	5243198	54.576 ug/ml
15) T Chrysene (C27.41)	14.694	6210965	56.495 ug/ml
16) T benzo[b]fluoranthene ...	16.199	5486421	56.560 ug/ml
17) T Bnezo[k]fluoranthene ...	16.232	5059697	46.483 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.578	4928223	50.221 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.943	4839794	53.546 ug/ml
20) T Dibenz[a,h]anthracene...	17.976	4666366	45.456 ug/ml
21) T Benzo[g,h,i]perylene ...	18.195	4698306	49.289 ug/ml

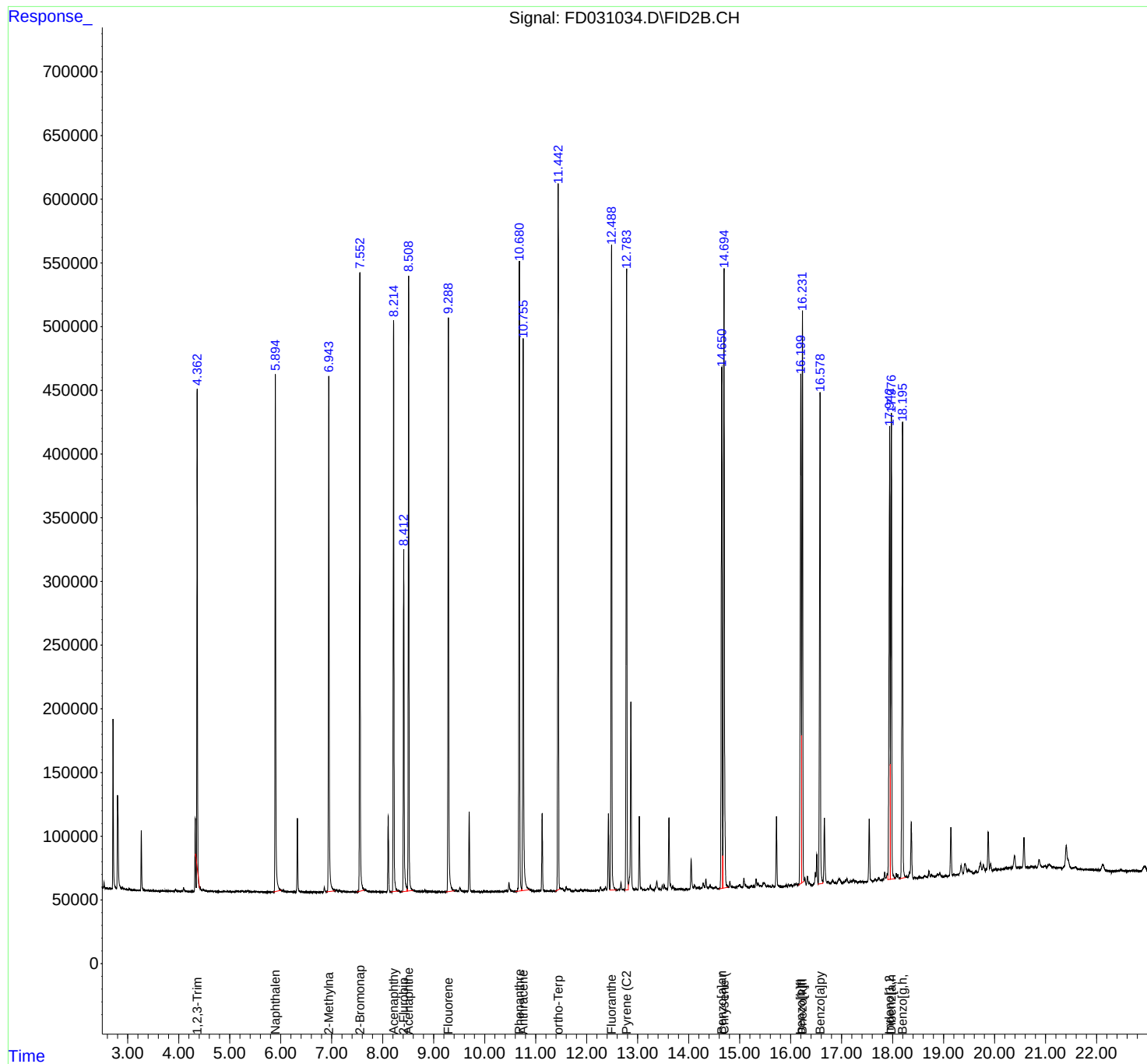
(f)=RT Delta > 1/2 Window

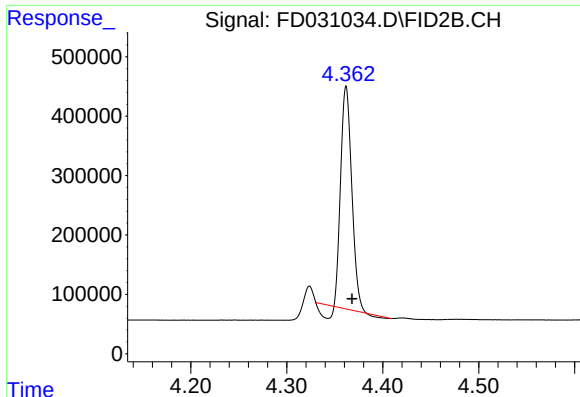
(m)=manual int.

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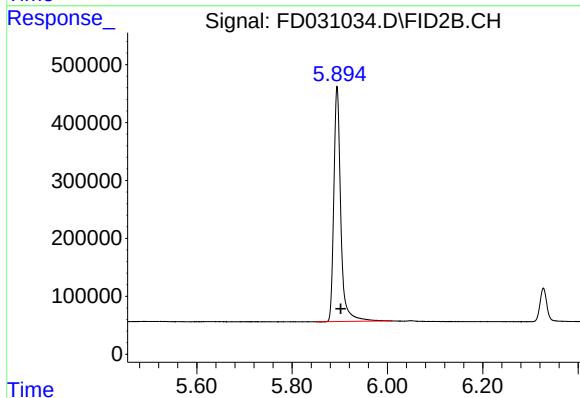
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Signal Info : 20M x 0.18mm x 0.18µm





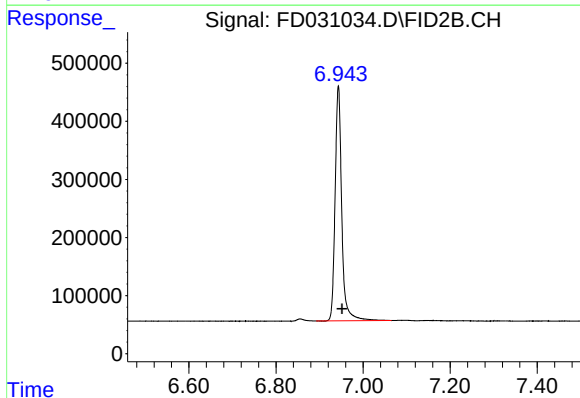
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.362 min
Delta R.T.: -0.006 min
Response: 2831816
Conc: 28.55 ug/ml



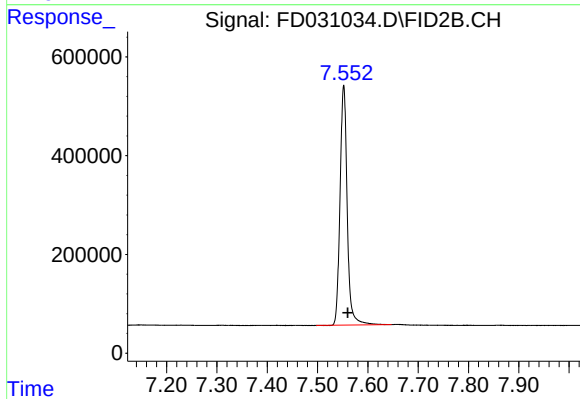
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.008 min
Response: 4092752
Conc: 40.42 ug/ml



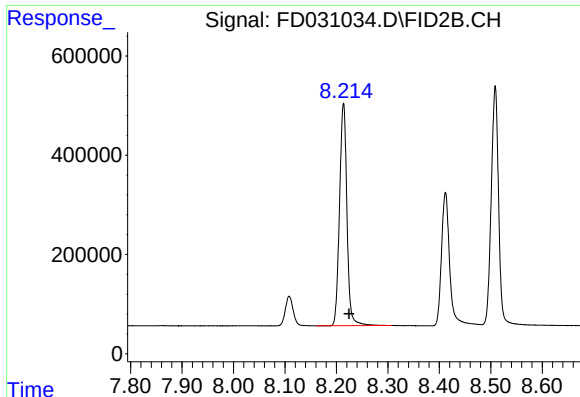
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.008 min
Response: 4299913
Conc: 41.94 ug/ml



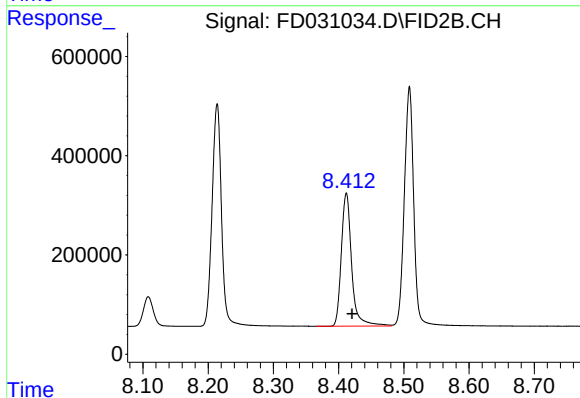
#4 2-Bromonaphthalene (SURR)

R.T.: 7.552 min
Delta R.T.: -0.008 min
Response: 4803844
Conc: 50.26 ug/ml



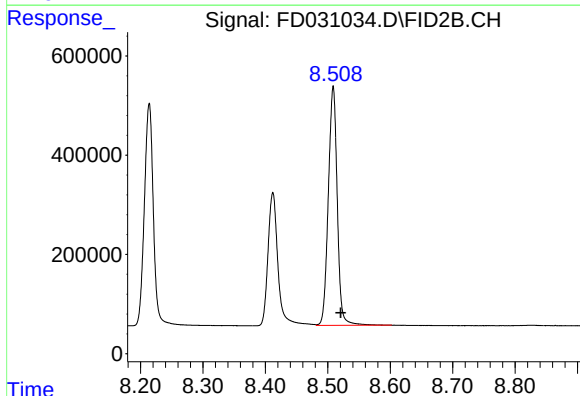
#5 Acenaphthylene (C15.06)

R.T.: 8.214 min
Delta R.T.: -0.010 min
Response: 4474204
Conc: 43.34 ug/ml



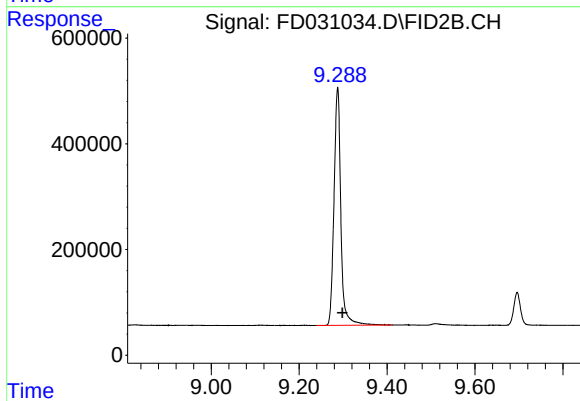
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.009 min
Response: 2955405
Conc: 46.58 ug/ml



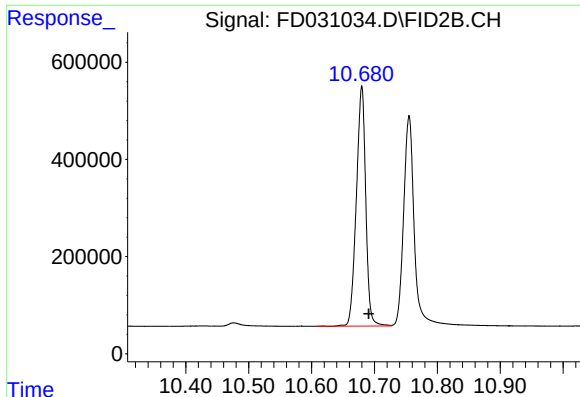
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: -0.012 min
Response: 4794710
Conc: 43.93 ug/ml



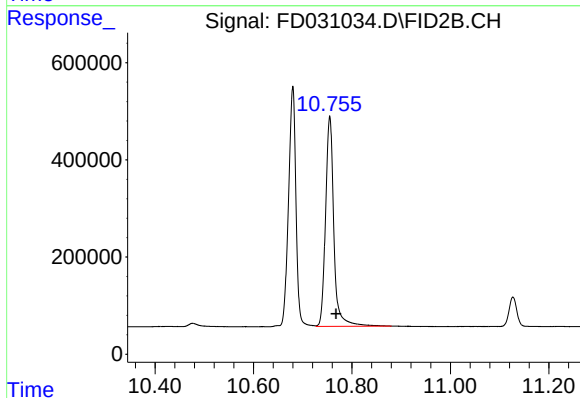
#8 Fluorene (C16.55)

R.T.: 9.288 min
Delta R.T.: -0.011 min
Response: 4861237
Conc: 46.90 ug/ml



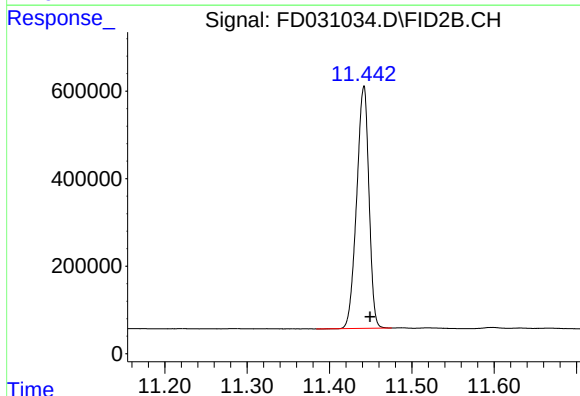
#9 Phenanthrene (C19.36)

R.T.: 10.680 min
Delta R.T.: -0.011 min
Response: 5136784
Conc: 49.17 ug/ml



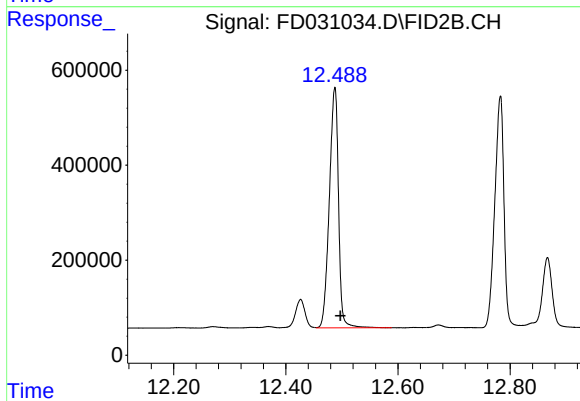
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.012 min
Response: 5054109
Conc: 48.17 ug/ml



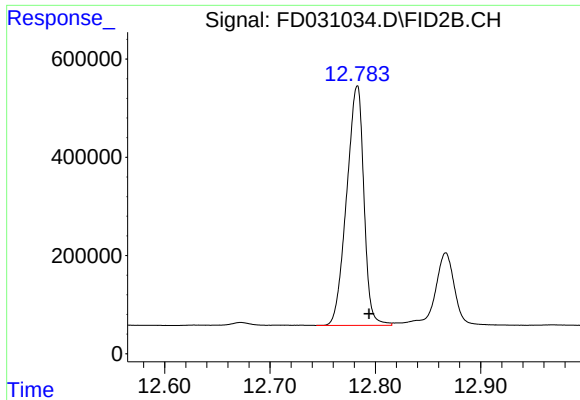
#11 ortho-Terphenyl (SURR)

R.T.: 11.442 min
Delta R.T.: -0.008 min
Response: 5733994
Conc: 52.32 ug/ml



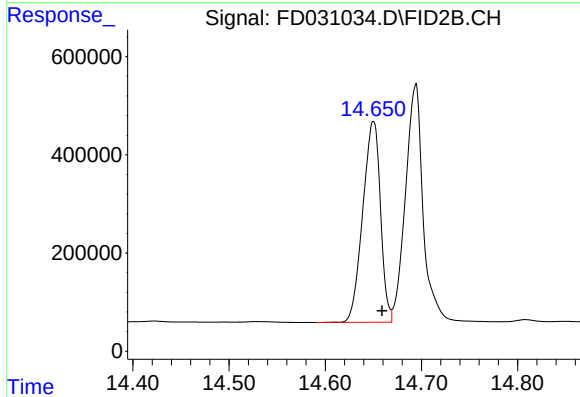
#12 Fluoranthene (C21.85)

R.T.: 12.488 min
Delta R.T.: -0.010 min
Response: 5743351
Conc: 54.06 ug/ml



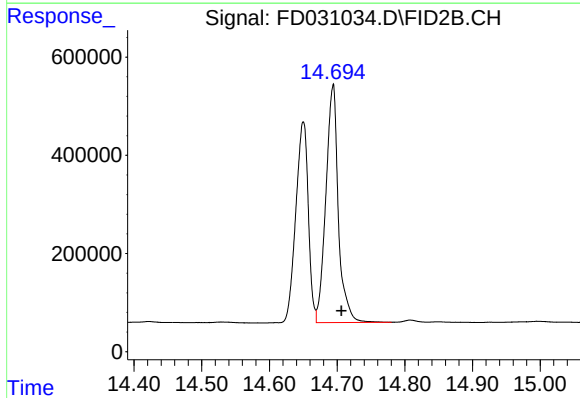
#13 Pyrene (C20.8)

R.T.: 12.783 min
Delta R.T.: -0.011 min
Response: 5552035
Conc: 52.40 ug/ml



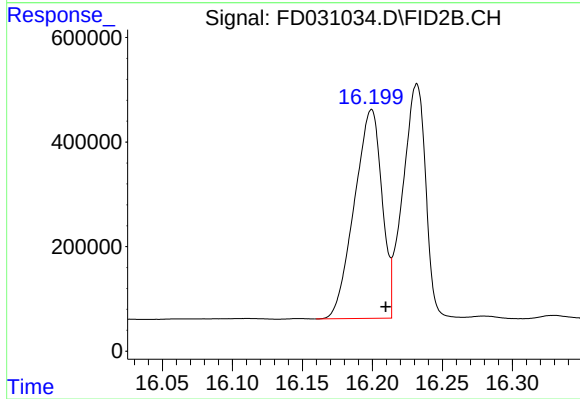
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: -0.009 min
Response: 5243198
Conc: 54.58 ug/ml



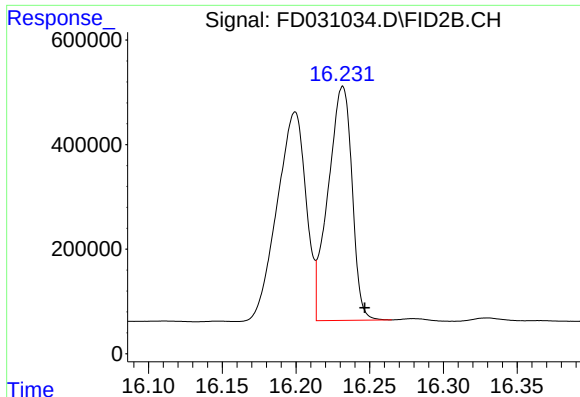
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: -0.012 min
Response: 6210965
Conc: 56.50 ug/ml



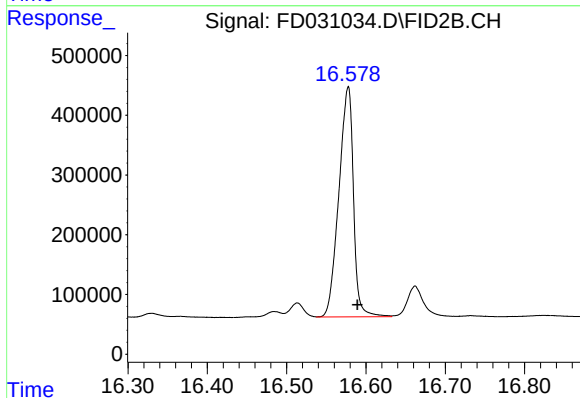
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.199 min
Delta R.T.: -0.010 min
Response: 5486421
Conc: 56.56 ug/ml



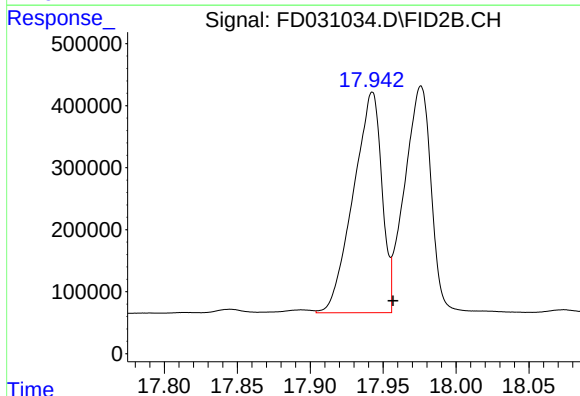
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.232 min
Delta R.T.: -0.015 min
Response: 5059697
Conc: 46.48 ug/ml



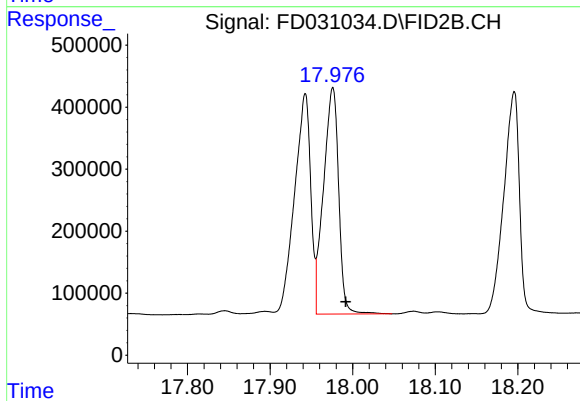
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.578 min
Delta R.T.: -0.012 min
Response: 4928223
Conc: 50.22 ug/ml



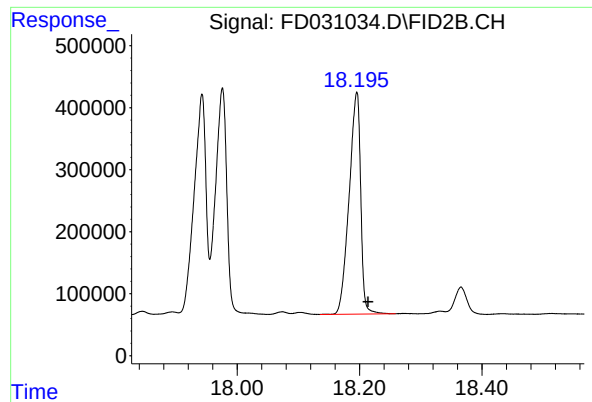
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.943 min
Delta R.T.: -0.014 min
Response: 4839794
Conc: 53.55 ug/ml



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

R.T.: 17.976 min
Delta R.T.: -0.016 min
Response: 4666366
Conc: 45.46 ug/ml



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

R.T.: 18.195 min
Delta R.T.: -0.019 min
Response: 4698306
Conc: 49.29 ug/ml