

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041919AR\
 Data File : FD028981.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2019 1:34
 Operator : AJ\SJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 05:17:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:16:30 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...	7.095	4752615	46.437 ug/ml
Spiked Amount 50.000		Recovery =	92.87%
6) S 2-Fluorobiphenyl (SURR)	7.962	3153027	45.062 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.12%
11) S ortho-Terphenyl (SURR)	10.999	4634111	43.532 ug/ml
Spiked Amount 50.000		Recovery =	87.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.917	4830547	50.628 ug/ml
2) T Naphthalene (C11.7)	5.440	5313493	48.854 ug/ml
3) T 2-Methylnaphthalene (...)	6.488	5305962	47.379 ug/ml
5) T Acenaphthylene (C15.06)	7.765	4974069	45.354 ug/ml
7) T Acenaphthene (C15.5)	8.061	5186597	45.106 ug/ml
8) T Fluorene (C16.55)	8.841	5021903	44.130 ug/ml
9) T Phenanthrene (C19.36)	10.239	4780863	44.511 ug/ml
10) T Anthracene (C19.43)	10.314	4719058	44.574 ug/ml
12) T Fluoranthene (C21.85)	12.050	4727774	48.267 ug/ml
13) T Pyrene (C20.8)	12.349	4786559	48.552 ug/ml
14) T Benzo[a]anthracene (C...	14.215	5031821	49.977 ug/ml
15) T Chrysene (C27.41)	14.259	5049549	49.985 ug/ml
16) T benzo[b]fluoranthene ...	15.763	5360937	50.664 ug/ml
17) T Bnezo[k]fluoranthene ...	15.799	5315909	50.494 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.145	5340556	50.563 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.506	5434961	51.329 ug/ml
20) T Dibenz[a,h]anthracene...	17.546	5221572	49.694 ug/ml
21) T Benzo[g,h,i]perylene ...	17.765	5364284	50.634 ug/ml

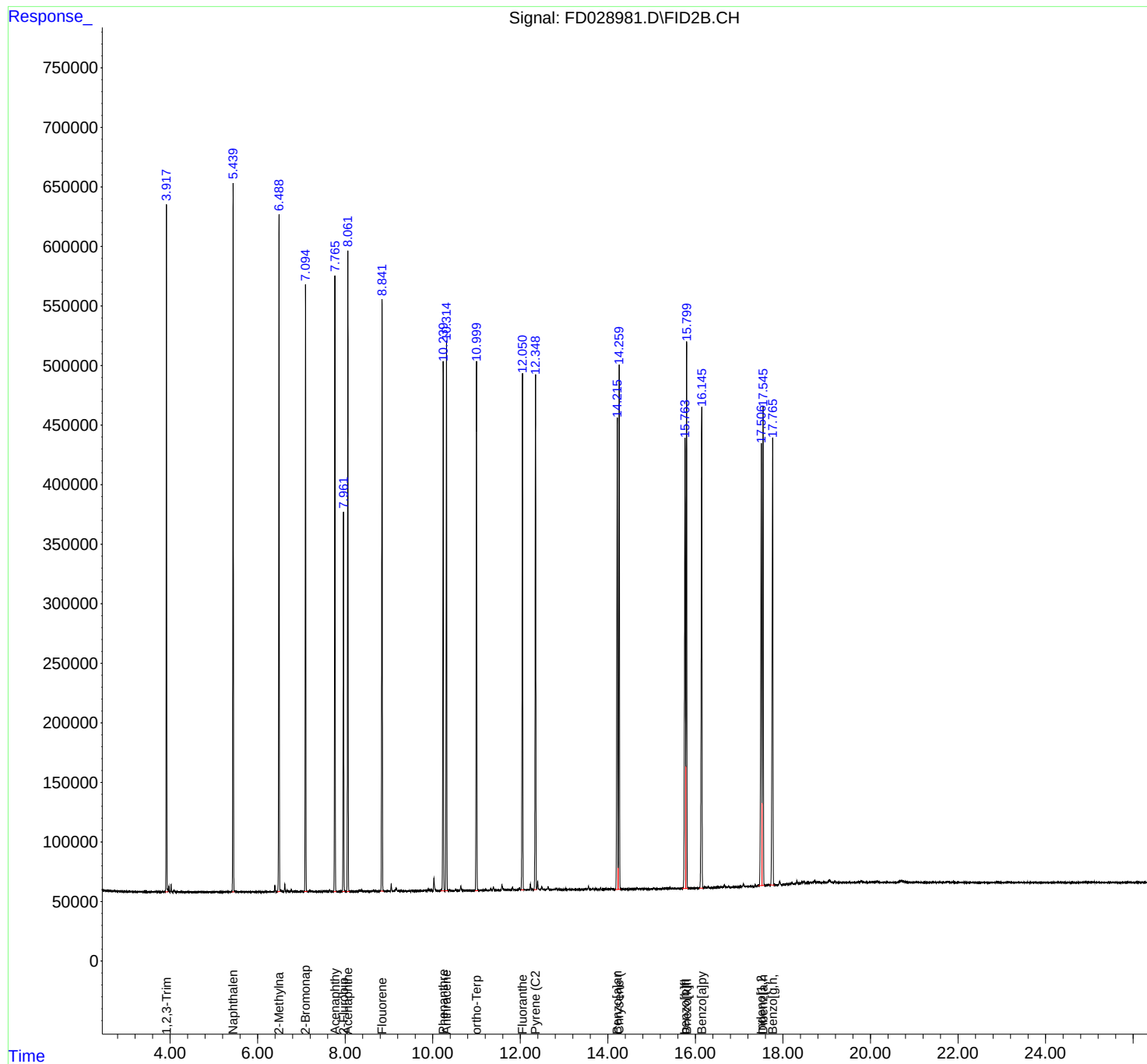
(f)=RT Delta > 1/2 Window

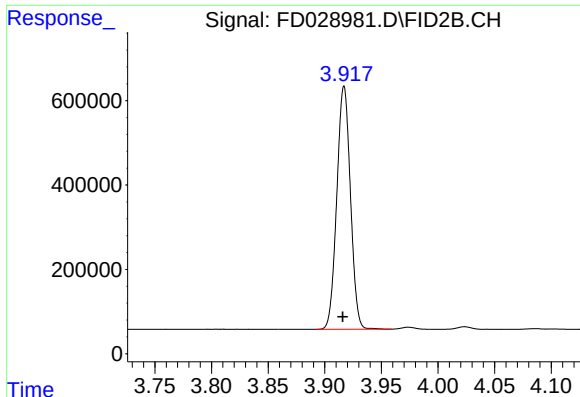
(m)=manual int.

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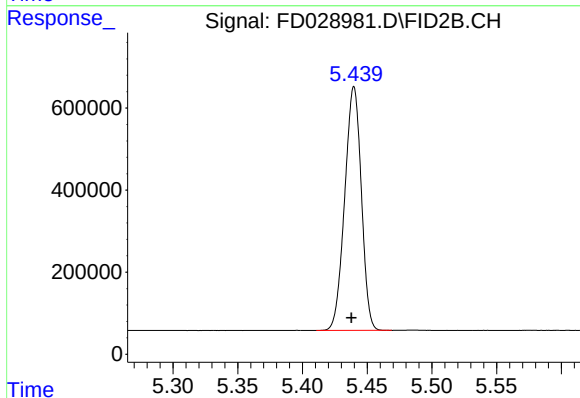
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Signal Info : 20M x 0.18mm x 0.18µm





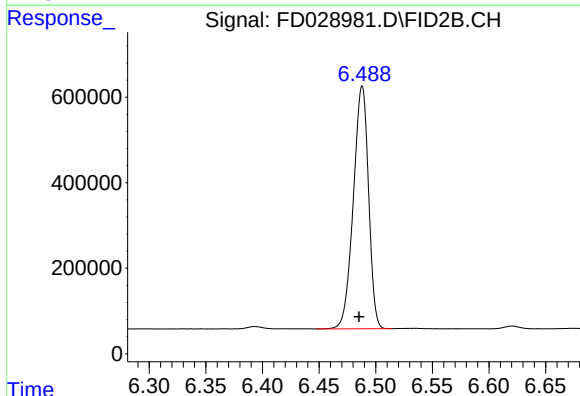
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.917 min
Delta R.T.: 0.001 min
Response: 4830547
Conc: 50.63 ug/ml



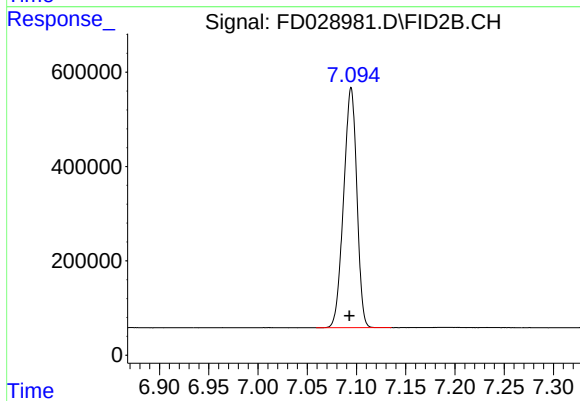
#2 Naphthalene (C11.7)

R.T.: 5.440 min
Delta R.T.: 0.002 min
Response: 5313493
Conc: 48.85 ug/ml



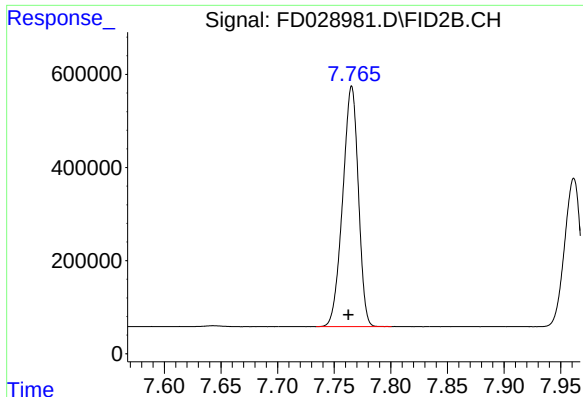
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.488 min
Delta R.T.: 0.003 min
Response: 5305962
Conc: 47.38 ug/ml



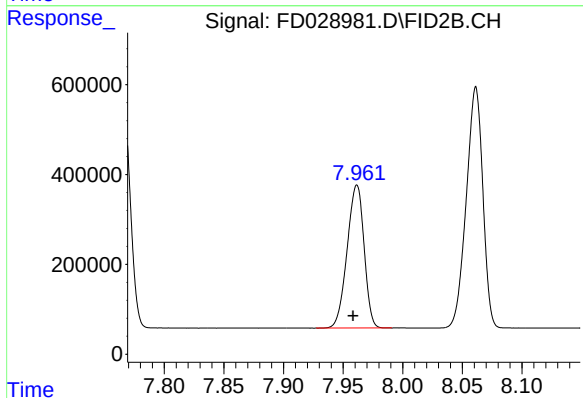
#4 2-Bromonaphthalene (SURR)

R.T.: 7.095 min
Delta R.T.: 0.002 min
Response: 4752615
Conc: 46.44 ug/ml



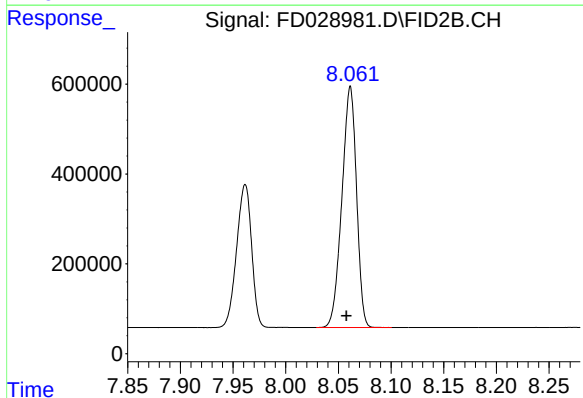
#5 Acenaphthylene (C15.06)

R.T.: 7.765 min
Delta R.T.: 0.003 min
Response: 4974069
Conc: 45.35 ug/ml



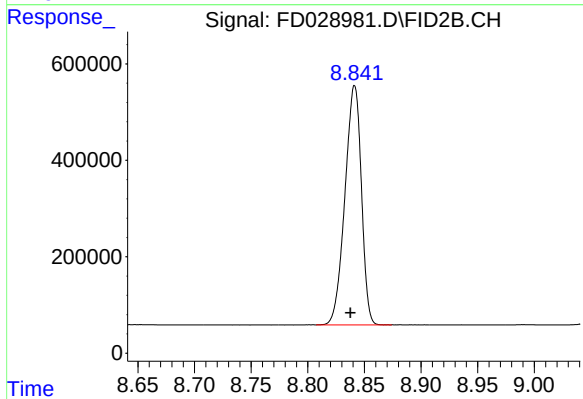
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.962 min
Delta R.T.: 0.003 min
Response: 3153027
Conc: 45.06 ug/ml



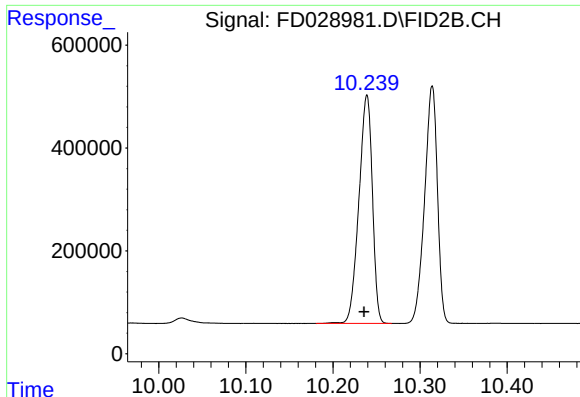
#7 Acenaphthene (C15.5)

R.T.: 8.061 min
Delta R.T.: 0.004 min
Response: 5186597
Conc: 45.11 ug/ml



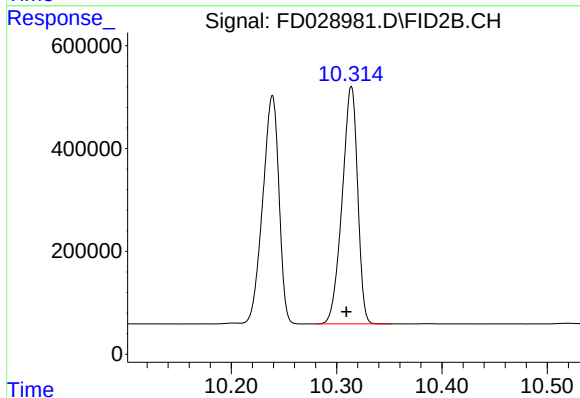
#8 Fluorene (C16.55)

R.T.: 8.841 min
Delta R.T.: 0.004 min
Response: 5021903
Conc: 44.13 ug/ml



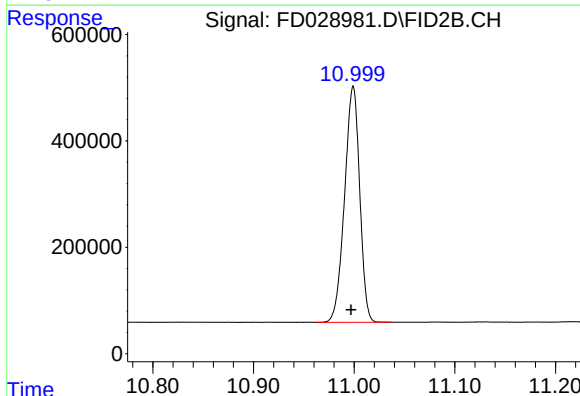
#9 Phenanthrene (C19.36)

R.T.: 10.239 min
Delta R.T.: 0.004 min
Response: 4780863
Conc: 44.51 ug/ml



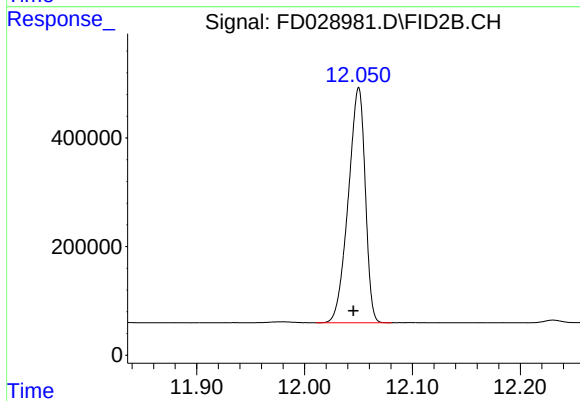
#10 Anthracene (C19.43)

R.T.: 10.314 min
Delta R.T.: 0.005 min
Response: 4719058
Conc: 44.57 ug/ml



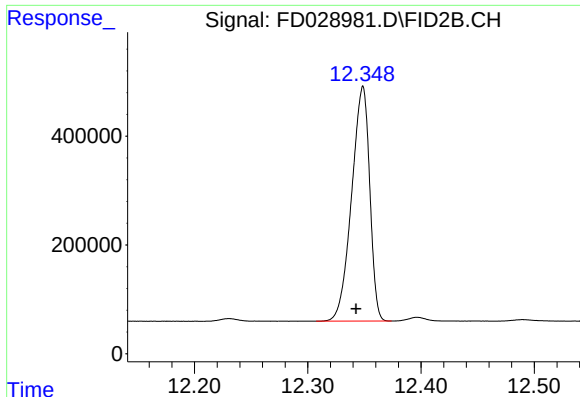
#11 ortho-Terphenyl (SURR)

R.T.: 10.999 min
Delta R.T.: 0.002 min
Response: 4634111
Conc: 43.53 ug/ml



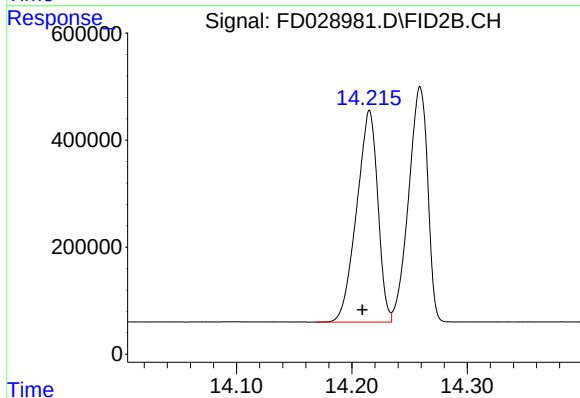
#12 Fluoranthene (C21.85)

R.T.: 12.050 min
Delta R.T.: 0.005 min
Response: 4727774
Conc: 48.27 ug/ml



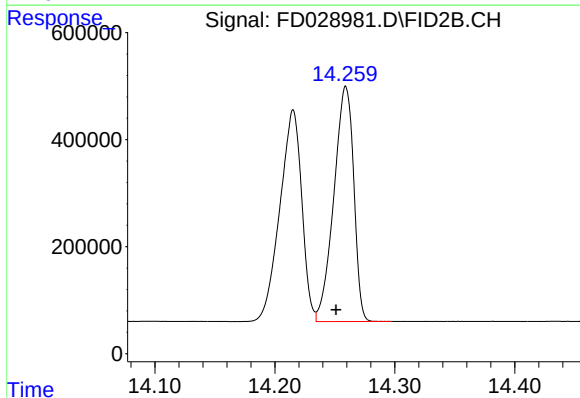
#13 Pyrene (C20.8)

R.T.: 12.349 min
Delta R.T.: 0.006 min
Response: 4786559
Conc: 48.55 ug/ml



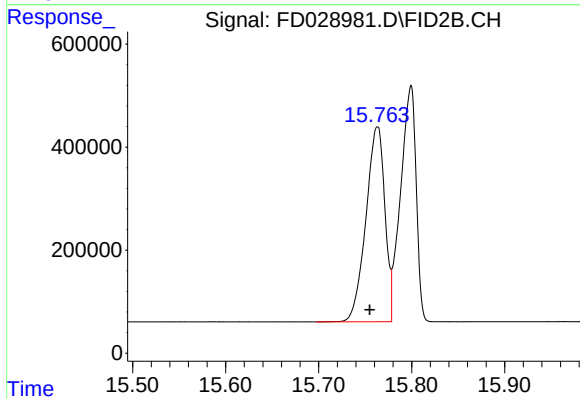
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.215 min
Delta R.T.: 0.006 min
Response: 5031821
Conc: 49.98 ug/ml



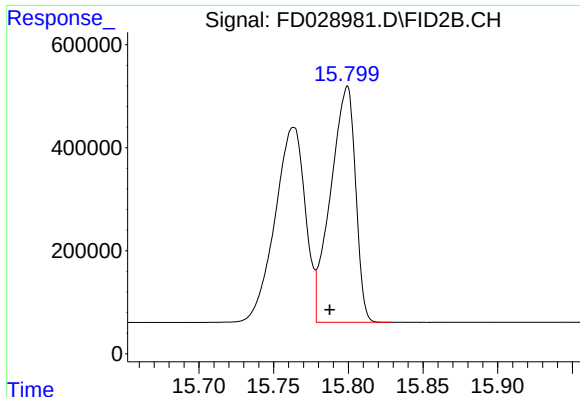
#15 Chrysene (C27.41)

R.T.: 14.259 min
Delta R.T.: 0.008 min
Response: 5049549
Conc: 49.98 ug/ml



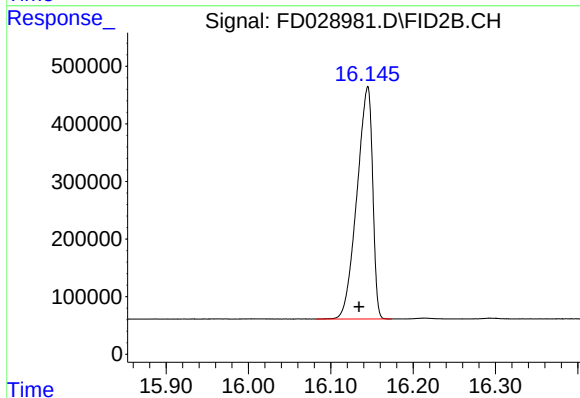
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.763 min
Delta R.T.: 0.008 min
Response: 5360937
Conc: 50.66 ug/ml



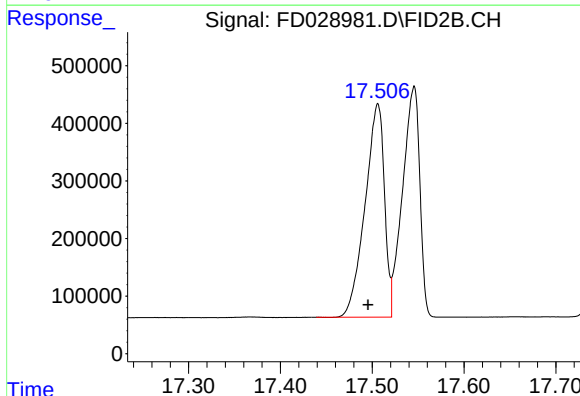
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.799 min
Delta R.T.: 0.012 min
Response: 5315909
Conc: 50.49 ug/ml



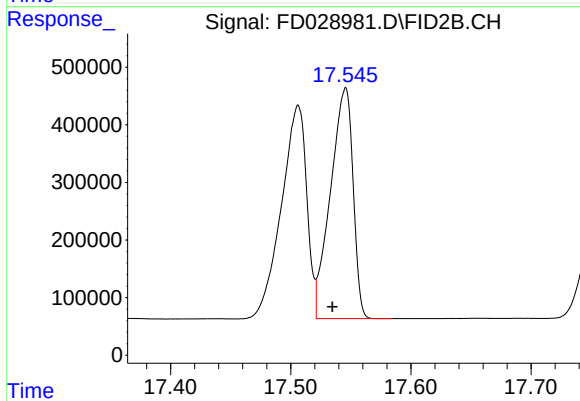
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.145 min
Delta R.T.: 0.010 min
Response: 5340556
Conc: 50.56 ug/ml



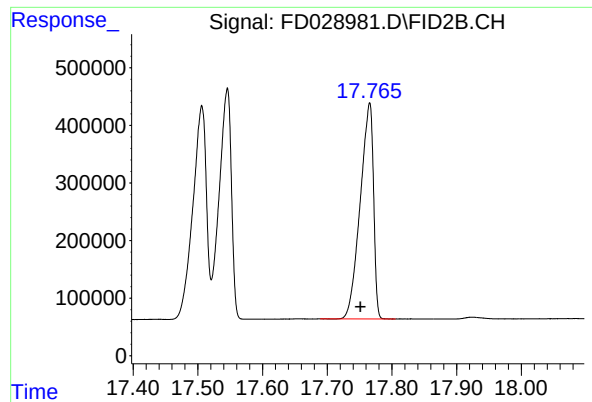
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.506 min
Delta R.T.: 0.011 min
Response: 5434961
Conc: 51.33 ug/ml



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

R.T.: 17.546 min
Delta R.T.: 0.011 min
Response: 5221572
Conc: 49.69 ug/ml



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

R.T.: 17.765 min
Delta R.T.: 0.014 min
Response: 5364284
Conc: 50.63 ug/ml