

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040522AR\
 Data File : FD041852.D
 Signal(s) : FID2B.CH
 Acq On : 05 Apr 2022 19:36
 Operator : UA/NP
 Sample : PB143888BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 06 03:48:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 2022
 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...	7.345	5014555	31.265 ug/ml
Spiked Amount 50.000		Recovery =	62.53%
6) S 2-Fluorobiphenyl (SURR)	8.196	2400746	24.295 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.59%
11) S ortho-Terphenyl (SURR)	11.223	6430199	33.078 ug/ml
Spiked Amount 50.000		Recovery =	66.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.165	3441625	19.649 ug/ml
2) T Naphthalene (C11.7)	5.688	3999635	22.669 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	3864268	24.153 ug/ml
5) T Acenaphthylene (C15.06)	7.995	4527965	24.468 ug/ml
7) T Acenaphthene (C15.5)	8.289	5040669	26.257 ug/ml
8) T Fluorene (C16.55)	9.067	5316706	30.137 ug/ml
9) T Phenanthrene (C19.36)	10.453	5298717	30.378 ug/ml
10) T Anthracene (C19.43)	10.529	5399808	29.667 ug/ml
12) T Fluoranthene (C21.85)	12.255	5899423	33.417 ug/ml
13) T Pyrene (C20.8)	12.547	5020066	29.693 ug/ml
14) T Benzo[a]anthracene (C...	14.419	5400317	36.116 ug/ml
15) T Chrysene (C27.41)	14.460	5171675	28.732 ug/ml
16) T benzo[b]fluoranthene ...	15.968	5740576	38.712 ug/ml
17) T Bnezo[k]fluoranthene ...	15.999	6269077	37.939 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.343	5124629	36.434 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.709	5162452	46.871 ug/ml
20) T Dibenz[a,h]anthracene...	17.746	5900375	40.756 ug/ml
21) T Benzo[g,h,i]perylene ...	17.960	5713224	43.048 ug/ml

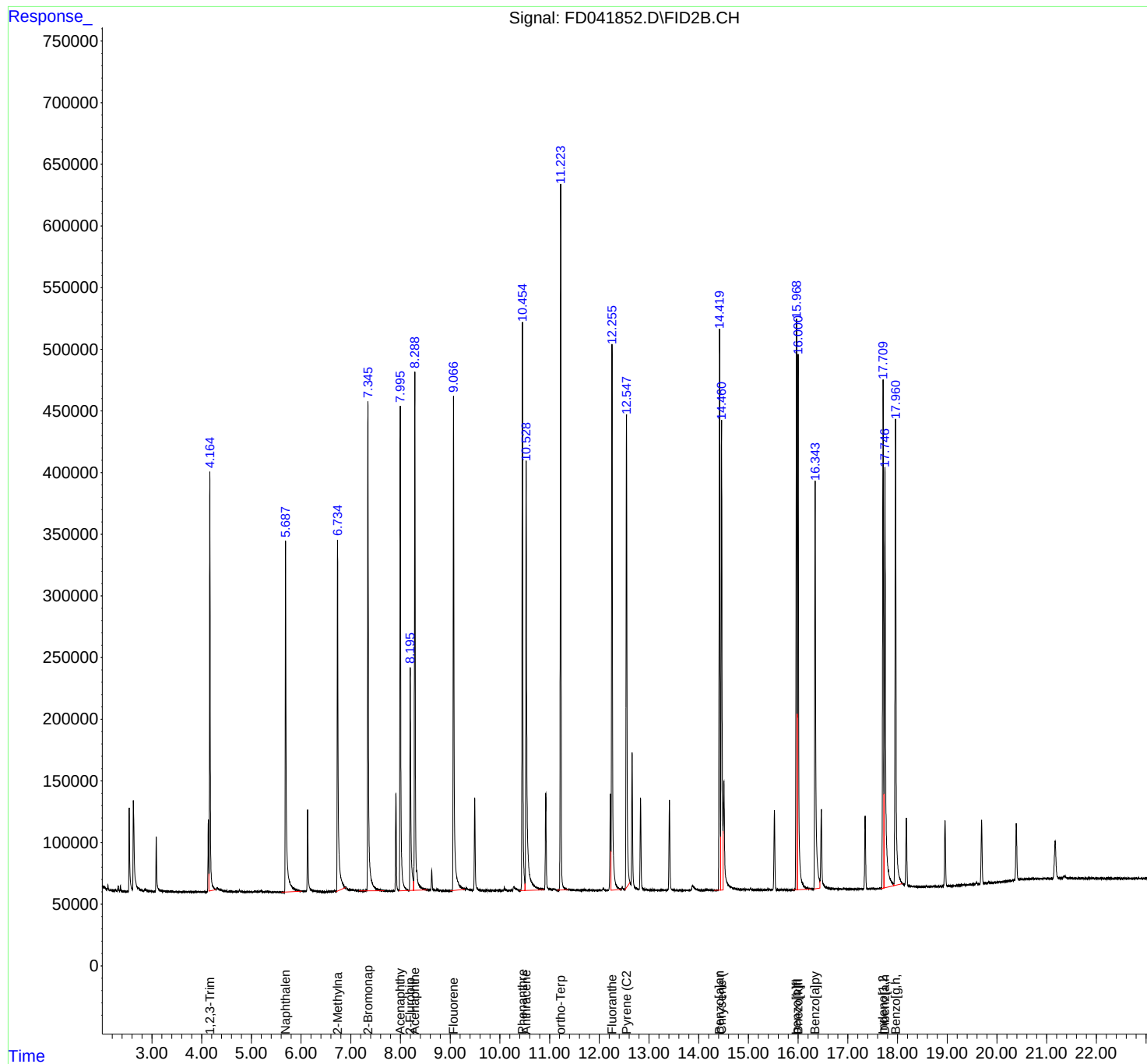
(f)=RT Delta > 1/2 Window

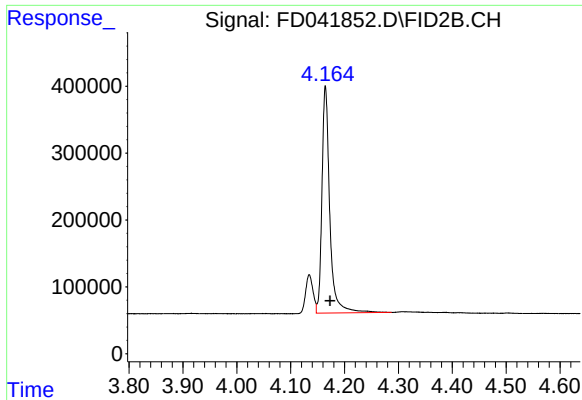
(m)=manual int.

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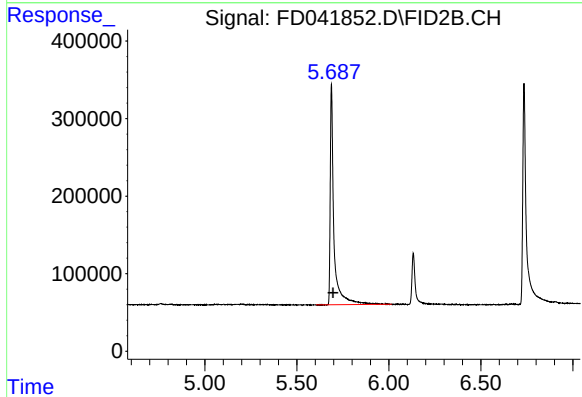
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Signal Info : 20M x 0.18mm x 0.18µm





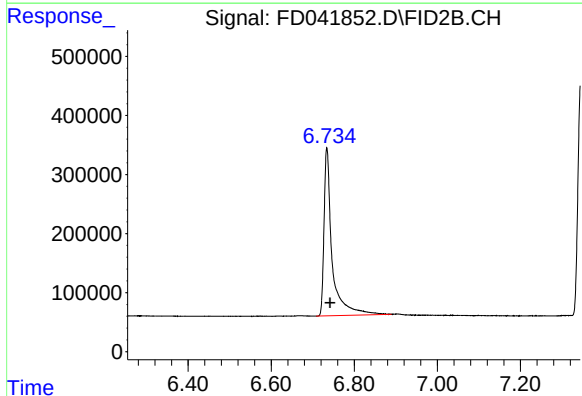
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.165 min
Delta R.T.: -0.008 min
Response: 3441625
Conc: 19.65 ug/ml



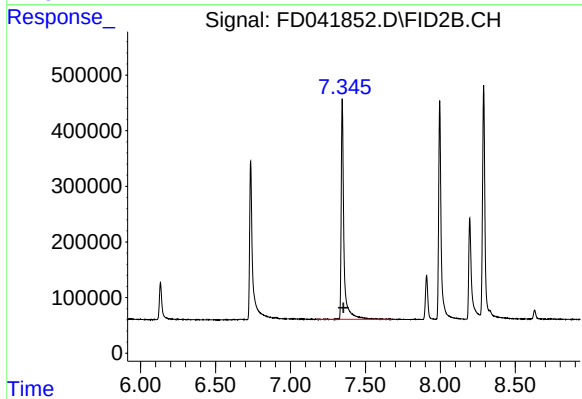
#2 Naphthalene (C11.7)

R.T.: 5.688 min
Delta R.T.: -0.008 min
Response: 3999635
Conc: 22.67 ug/ml



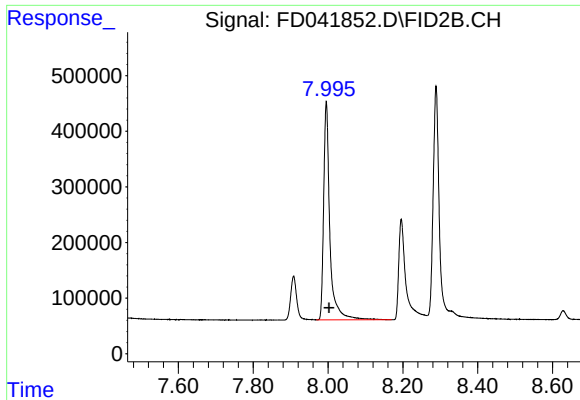
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.007 min
Response: 3864268
Conc: 24.15 ug/ml



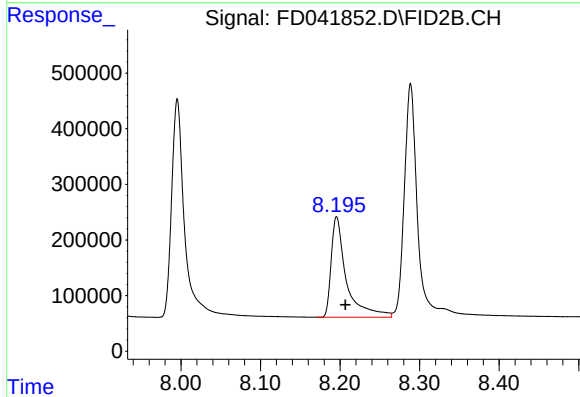
#4 2-Bromonaphthalene (SURR)

R.T.: 7.345 min
Delta R.T.: -0.008 min
Response: 5014555
Conc: 31.26 ug/ml



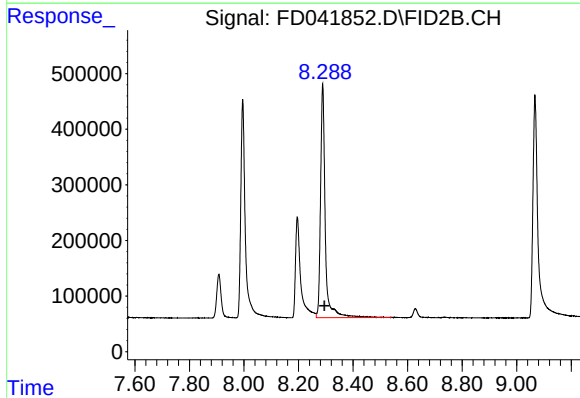
#5 Acenaphthylene (C15.06)

R.T.: 7.995 min
Delta R.T.: -0.008 min
Response: 4527965
Conc: 24.47 ug/ml



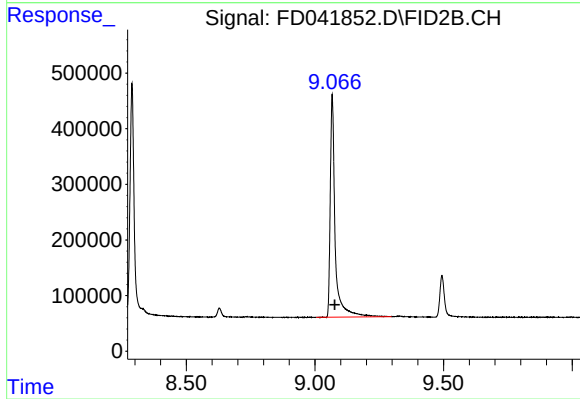
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.011 min
Response: 2400746
Conc: 24.30 ug/ml



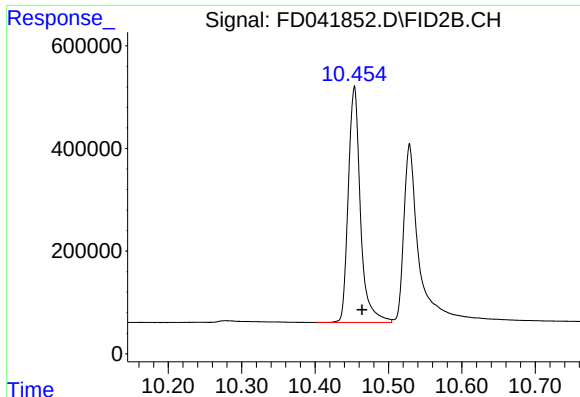
#7 Acenaphthene (C15.5)

R.T.: 8.289 min
Delta R.T.: -0.007 min
Response: 5040669
Conc: 26.26 ug/ml



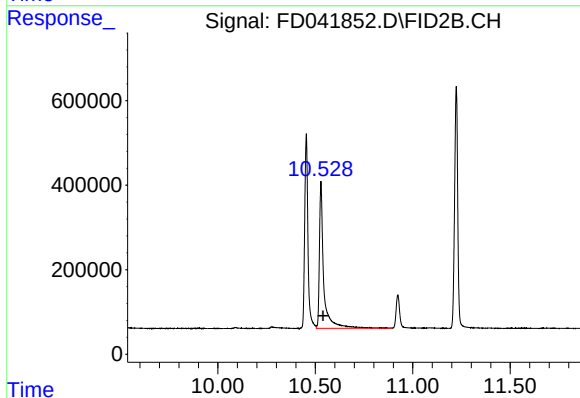
#8 Fluorene (C16.55)

R.T.: 9.067 min
Delta R.T.: -0.010 min
Response: 5316706
Conc: 30.14 ug/ml



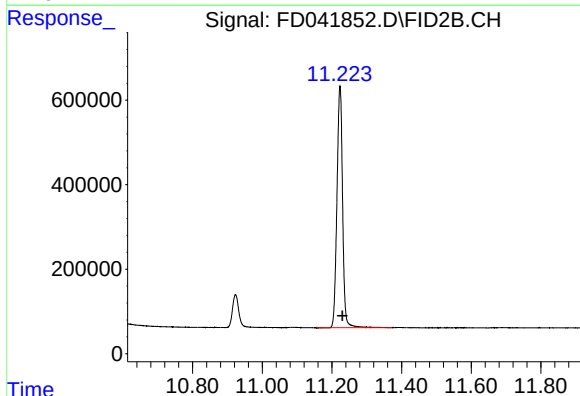
#9 Phenanthrene (C19.36)

R.T.: 10.453 min
Delta R.T.: -0.011 min
Response: 5298717
Conc: 30.38 ug/ml



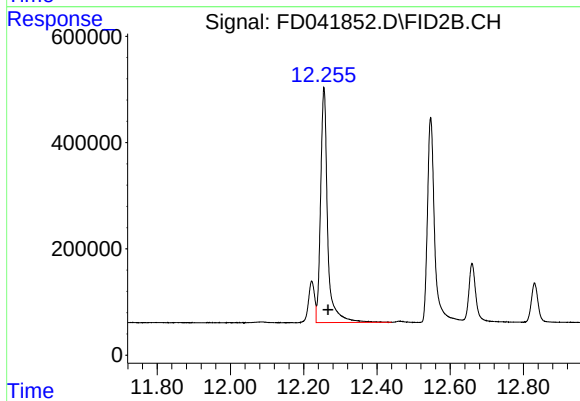
#10 Anthracene (C19.43)

R.T.: 10.529 min
Delta R.T.: -0.012 min
Response: 5399808
Conc: 29.67 ug/ml



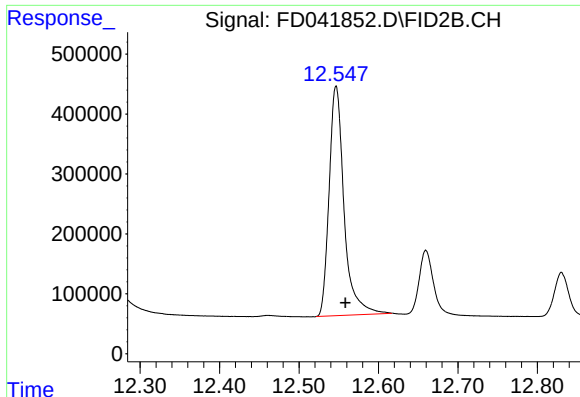
#11 ortho-Terphenyl (SURR)

R.T.: 11.223 min
Delta R.T.: -0.007 min
Response: 6430199
Conc: 33.08 ug/ml



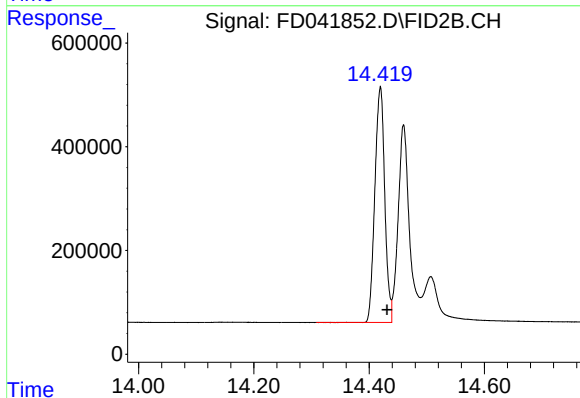
#12 Fluoranthene (C21.85)

R.T.: 12.255 min
Delta R.T.: -0.011 min
Response: 5899423
Conc: 33.42 ug/ml



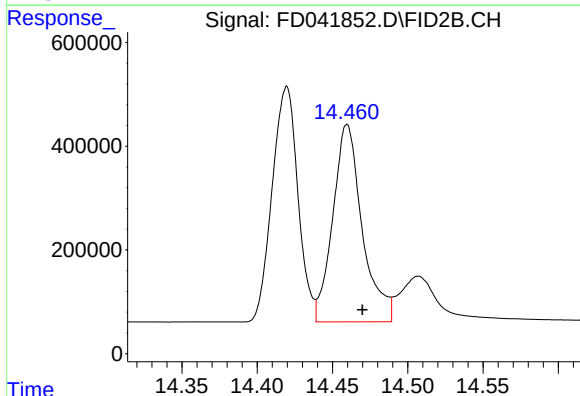
#13 Pyrene (C20.8)

R.T.: 12.547 min
Delta R.T.: -0.012 min
Response: 5020066
Conc: 29.69 ug/ml



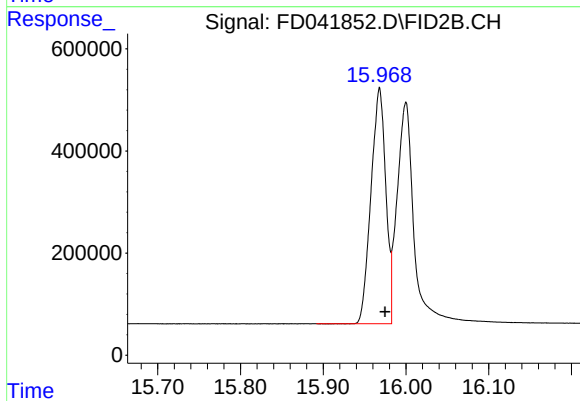
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.419 min
Delta R.T.: -0.012 min
Response: 5400317
Conc: 36.12 ug/ml



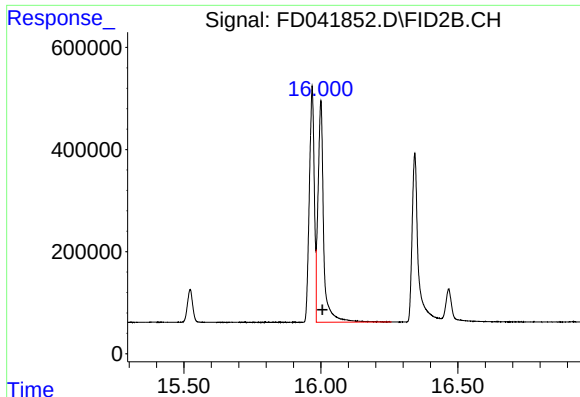
#15 Chrysene (C27.41)

R.T.: 14.460 min
Delta R.T.: -0.010 min
Response: 5171675
Conc: 28.73 ug/ml



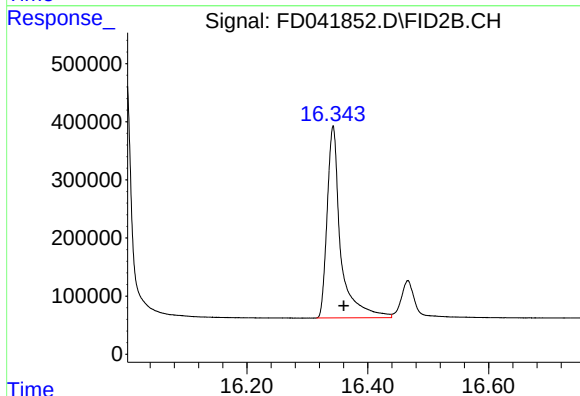
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.968 min
Delta R.T.: -0.007 min
Response: 5740576
Conc: 38.71 ug/ml



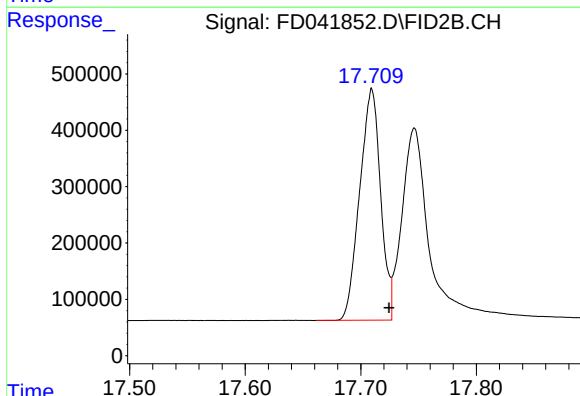
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.999 min
Delta R.T.: -0.007 min
Response: 6269077
Conc: 37.94 ug/ml



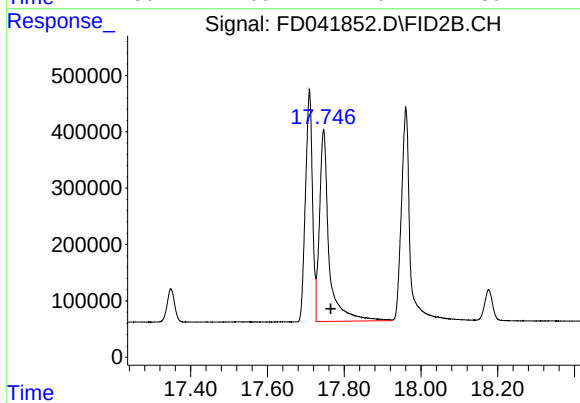
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.343 min
Delta R.T.: -0.017 min
Response: 5124629
Conc: 36.43 ug/ml m



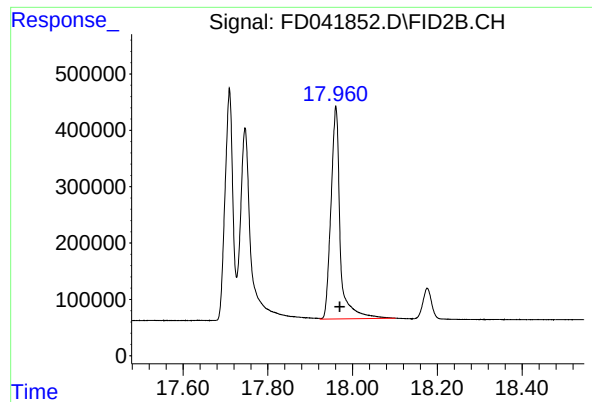
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.709 min
Delta R.T.: -0.015 min
Response: 5162452
Conc: 46.87 ug/ml



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

R.T.: 17.746 min
Delta R.T.: -0.019 min
Response: 5900375
Conc: 40.76 ug/ml



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

R.T.: 17.960 min
Delta R.T.: -0.009 min
Response: 5713224
Conc: 43.05 ug/ml