

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010719AR\
 Data File : FD027109.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jan 2019 16:01
 Operator : AJ\SJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 08 07:14:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:13:45 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...	7.368	4828681	50.538 ug/ml
Spiked Amount 50.000		Recovery =	101.08%
6) S 2-Fluorobiphenyl (SURR)	8.219	3263210	50.124 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.25%
11) S ortho-Terphenyl (SURR)	11.261	5322675	49.802 ug/ml
Spiked Amount 50.000		Recovery =	99.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	5182288	50.576 ug/ml
2) T Naphthalene (C11.7)	5.703	5556564	51.368 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	5477237	50.637 ug/ml
5) T Acenaphthylene (C15.06)	8.023	5227650	50.480 ug/ml
7) T Acenaphthene (C15.5)	8.319	5459143	50.237 ug/ml
8) T Fluorene (C16.55)	9.097	5390435	50.401 ug/ml
9) T Phenanthrene (C19.36)	10.486	5303552	49.870 ug/ml
10) T Anthracene (C19.43)	10.561	5252152	49.592 ug/ml
12) T Fluoranthene (C21.85)	12.291	5167153	48.961 ug/ml
13) T Pyrene (C20.8)	12.583	5113489	49.091 ug/ml
14) T Benzo[a]anthracene (C...	14.453	4870528	49.234 ug/ml
15) T Chrysene (C27.41)	14.496	4872131	48.887 ug/ml
16) T benzo[b]fluoranthene ...	15.998	5024057	49.266 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	5015522	49.301 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.376	5029818	49.095 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	5279602	50.156 ug/ml
20) T Dibenz[a,h]anthracene...	17.781	5137527	49.165 ug/ml
21) T Benzo[g,h,i]perylene ...	17.996	5242658	49.578 ug/ml

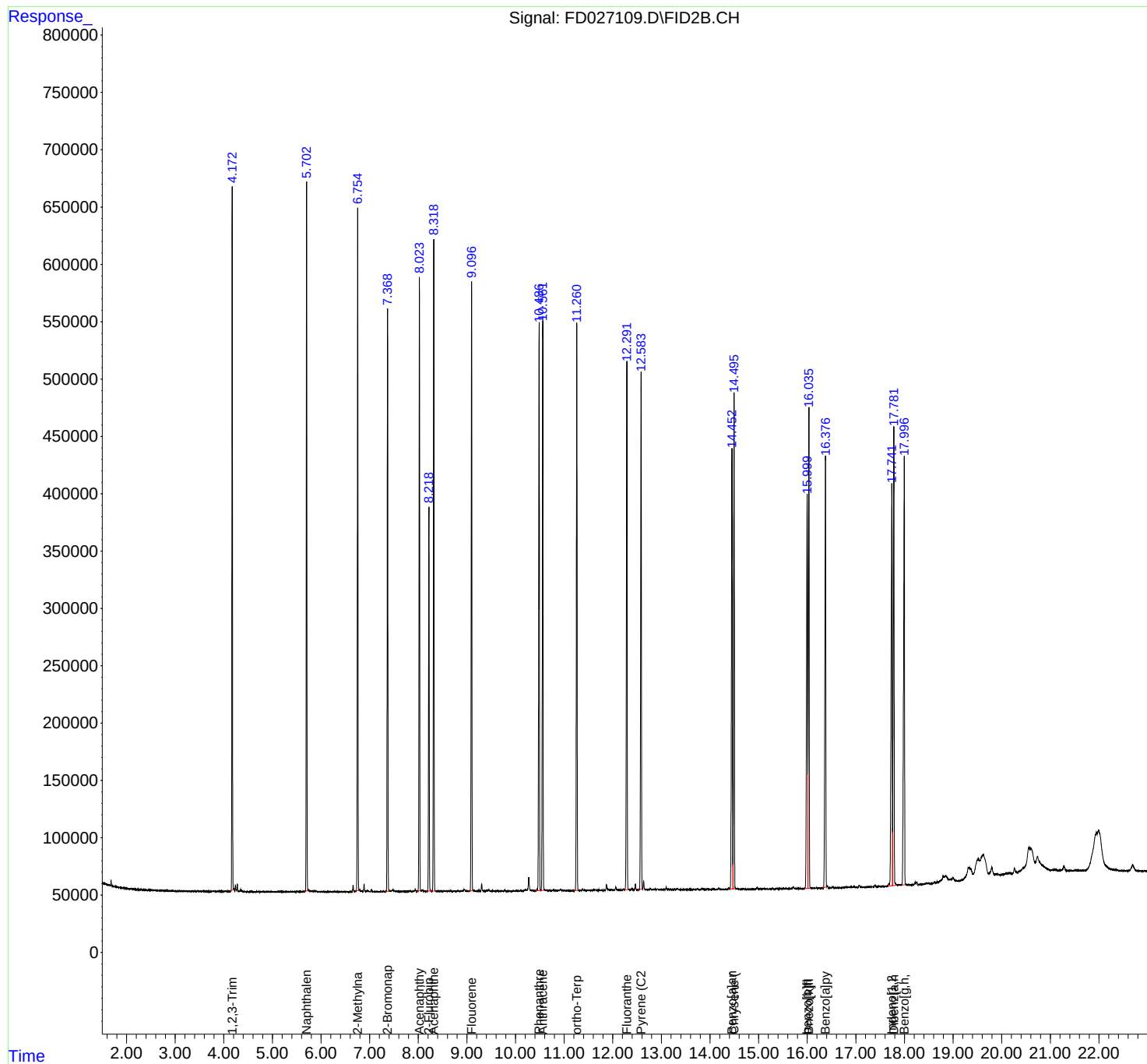
(f)=RT Delta > 1/2 Window

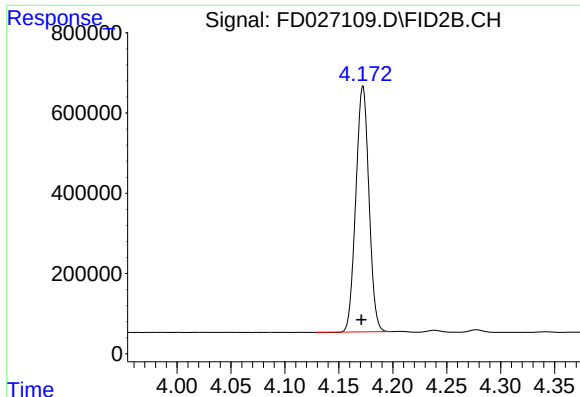
(m)=manual int.

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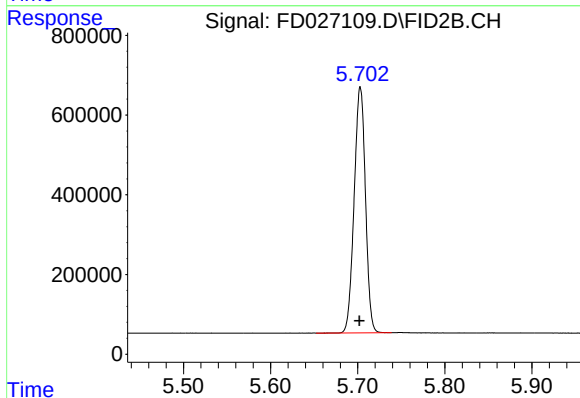
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Signal Info : 20M x 0.18mm x 0.18µm





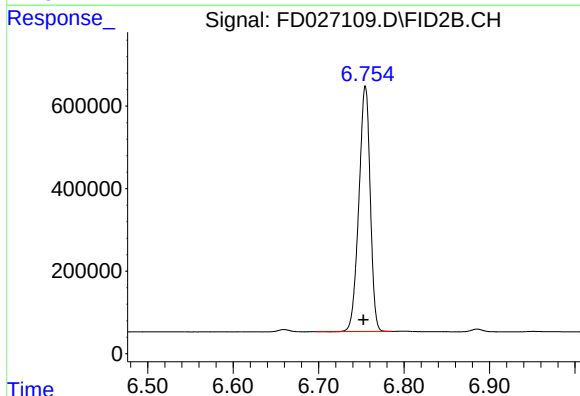
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: 0.001 min
Response: 5182288
Conc: 50.58 ug/ml



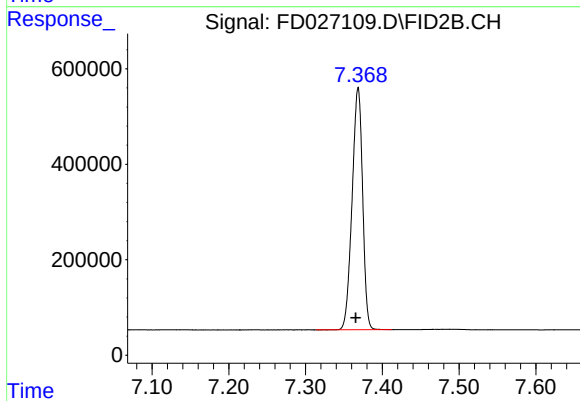
#2 Naphthalene (C11.7)

R.T.: 5.703 min
Delta R.T.: 0.001 min
Response: 5556564
Conc: 51.37 ug/ml



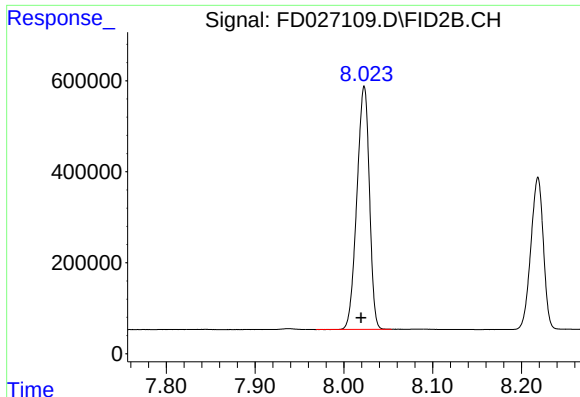
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: 0.002 min
Response: 5477237
Conc: 50.64 ug/ml



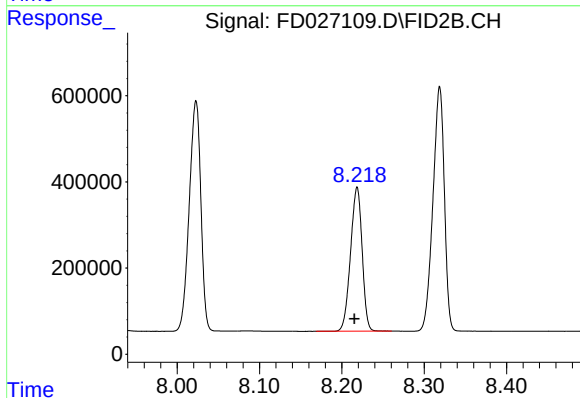
#4 2-Bromonaphthalene (SURR)

R.T.: 7.368 min
Delta R.T.: 0.003 min
Response: 4828681
Conc: 50.54 ug/ml



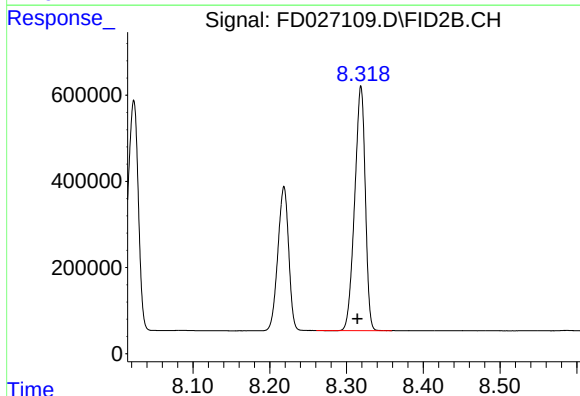
#5 Acenaphthylene (C15.06)

R.T.: 8.023 min
Delta R.T.: 0.004 min
Response: 5227650
Conc: 50.48 ug/ml



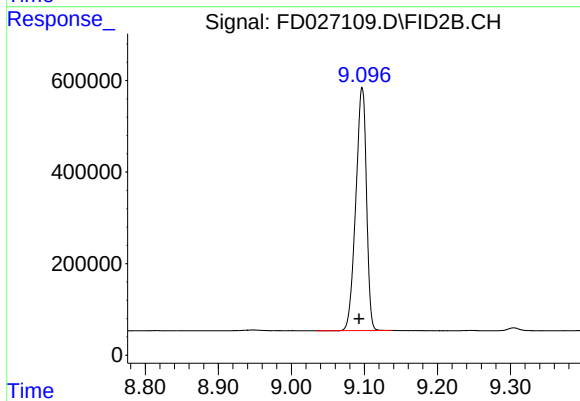
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.219 min
Delta R.T.: 0.003 min
Response: 3263210
Conc: 50.12 ug/ml



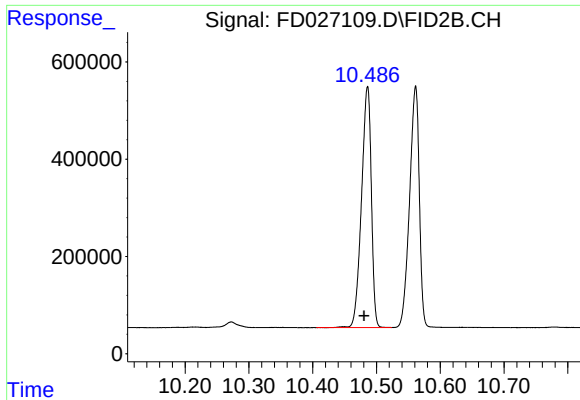
#7 Acenaphthene (C15.5)

R.T.: 8.319 min
Delta R.T.: 0.004 min
Response: 5459143
Conc: 50.24 ug/ml



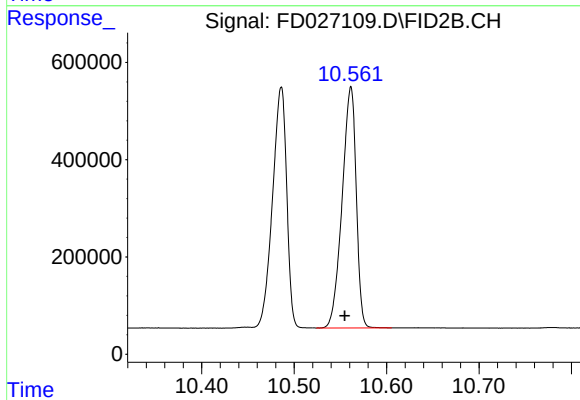
#8 Fluorene (C16.55)

R.T.: 9.097 min
Delta R.T.: 0.004 min
Response: 5390435
Conc: 50.40 ug/ml



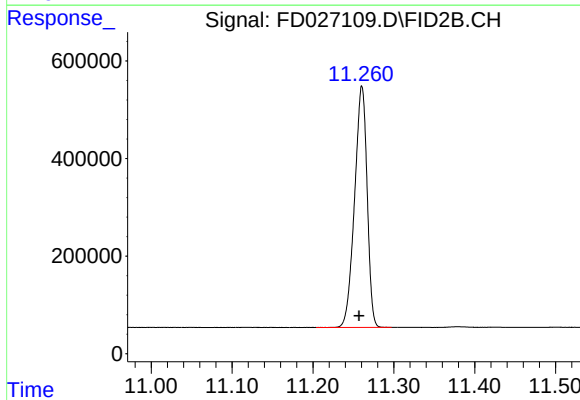
#9 Phenanthrene (C19.36)

R.T.: 10.486 min
Delta R.T.: 0.005 min
Response: 5303552
Conc: 49.87 ug/ml



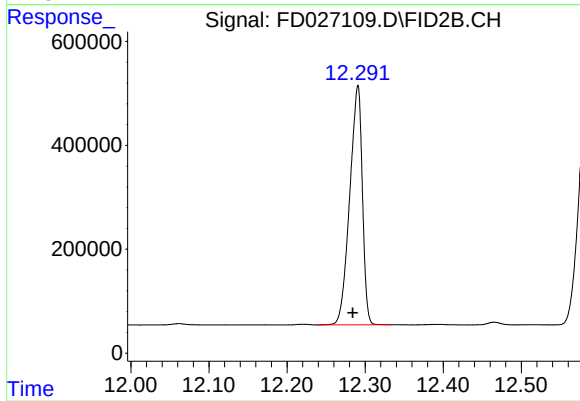
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: 0.007 min
Response: 5252152
Conc: 49.59 ug/ml



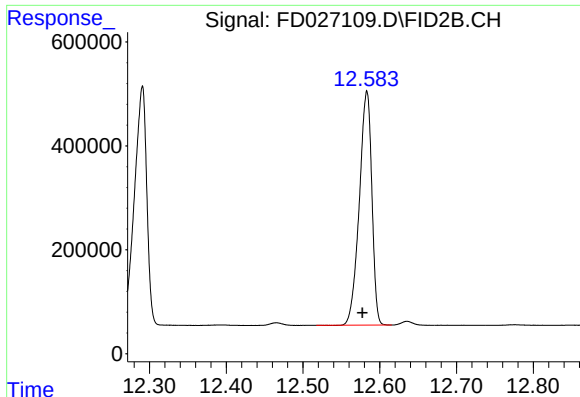
#11 ortho-Terphenyl (SURR)

R.T.: 11.261 min
Delta R.T.: 0.004 min
Response: 5322675
Conc: 49.80 ug/ml



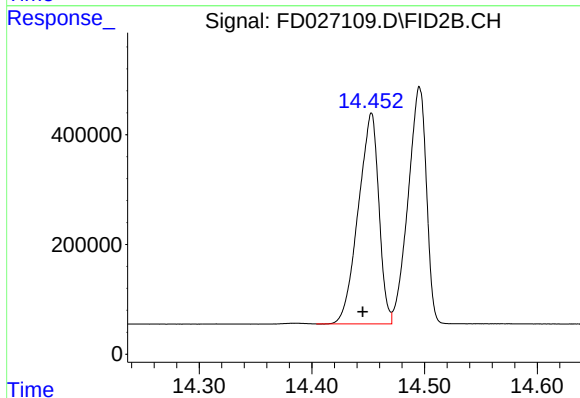
#12 Fluoranthene (C21.85)

R.T.: 12.291 min
Delta R.T.: 0.007 min
Response: 5167153
Conc: 48.96 ug/ml



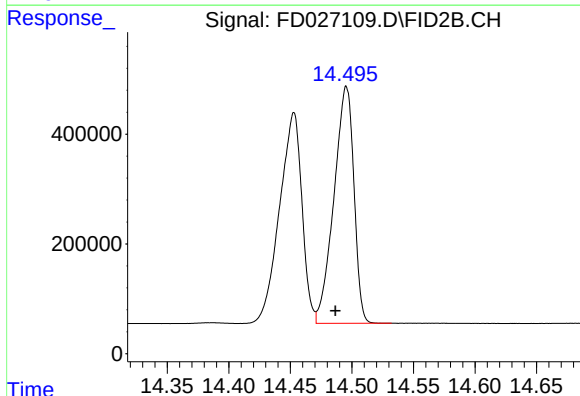
#13 Pyrene (C20.8)

R.T.: 12.583 min
Delta R.T.: 0.006 min
Response: 5113489
Conc: 49.09 ug/ml



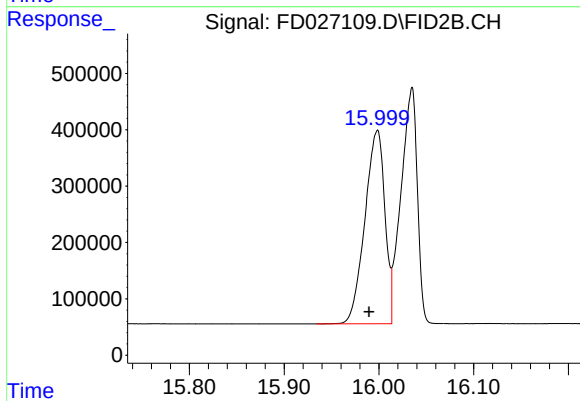
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.453 min
Delta R.T.: 0.008 min
Response: 4870528
Conc: 49.23 ug/ml



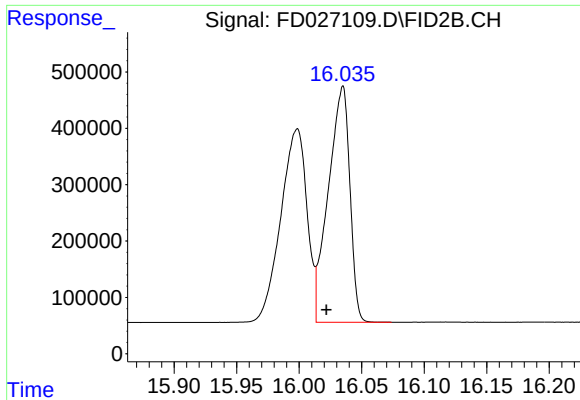
#15 Chrysene (C27.41)

R.T.: 14.496 min
Delta R.T.: 0.009 min
Response: 4872131
Conc: 48.89 ug/ml



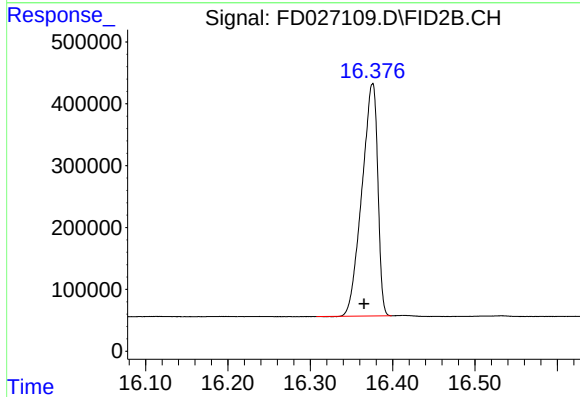
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.998 min
Delta R.T.: 0.009 min
Response: 5024057
Conc: 49.27 ug/ml



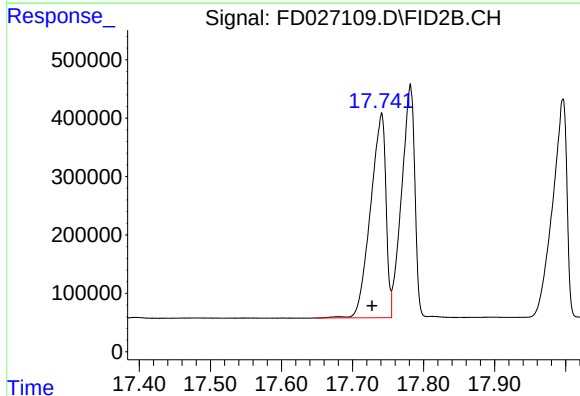
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.035 min
Delta R.T.: 0.013 min
Response: 5015522
Conc: 49.30 ug/ml



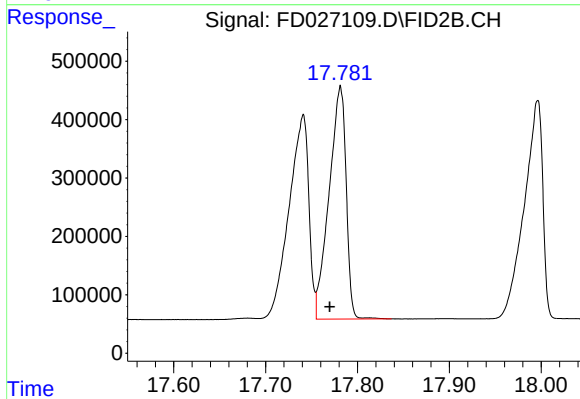
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.376 min
Delta R.T.: 0.010 min
Response: 5029818
Conc: 49.09 ug/ml



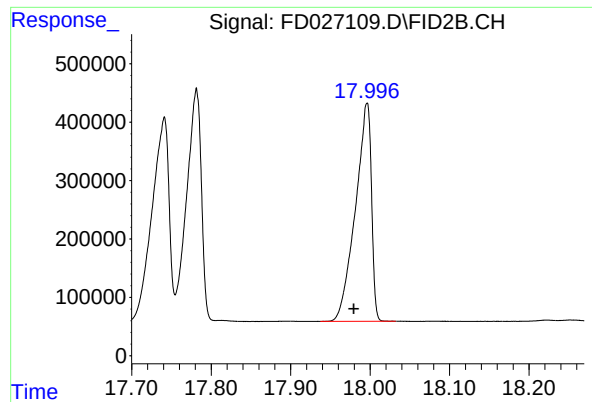
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: 0.013 min
Response: 5279602
Conc: 50.16 ug/ml



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

R.T.: 17.781 min
Delta R.T.: 0.011 min
Response: 5137527
Conc: 49.17 ug/ml



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

R.T.: 17.996 min
Delta R.T.: 0.016 min
Response: 5242658
Conc: 49.58 ug/ml