

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122721AR\
 Data File : FD040180.D
 Signal(s) : FID2B.CH
 Acq On : 27 Dec 2021 12:59
 Operator : AJ\MA
 Sample : PB141562BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 28 00:48:48 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 03:19:03 2021
 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...	6.837	8278319	57.139 ug/ml
Spiked Amount 50.000		Recovery =	114.28%
6) S 2-Fluorobiphenyl (SURR)	7.690	5684559	57.871 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.74%
11) S ortho-Terphenyl (SURR)	10.728	8013339	51.900 ug/ml
Spiked Amount 50.000		Recovery =	103.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.682	6413807	40.321 ug/mlm
2) T Naphthalene (C11.7)	5.183	7380986	44.133 ug/ml
3) T 2-Methylnaphthalene (...)	6.226	7454713	44.740 ug/ml
5) T Acenaphthylene (C15.06)	7.494	7308927	46.193 ug/ml
7) T Acenaphthene (C15.5)	7.790	7912622	46.586 ug/ml
8) T Fluorene (C16.55)	8.567	8152665	53.252 ug/ml
9) T Phenanthrene (C19.36)	9.957	8539124	57.207 ug/ml
10) T Anthracene (C19.43)	10.032	8209690	55.224 ug/ml
12) T Fluoranthene (C21.85)	11.763	8584566	59.946 ug/ml
13) T Pyrene (C20.8)	12.058	8427606	57.111 ug/ml
14) T Benzo[a]anthracene (C...	13.925	7812167	59.954 ug/ml
15) T Chrysene (C27.41)	13.971	7746295	57.212 ug/mlm
16) T benzo[b]fluoranthene ...	15.473	7645073	60.372 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.508	7422006	58.602 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.848	6621853	54.969 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.211	6802324	57.964 ug/mlm
20) T Dibenz[a,h]anthracene...	17.254	7032479	59.606 ug/ml
21) T Benzo[g,h,i]perylene ...	17.470	7151274	62.249 ug/ml

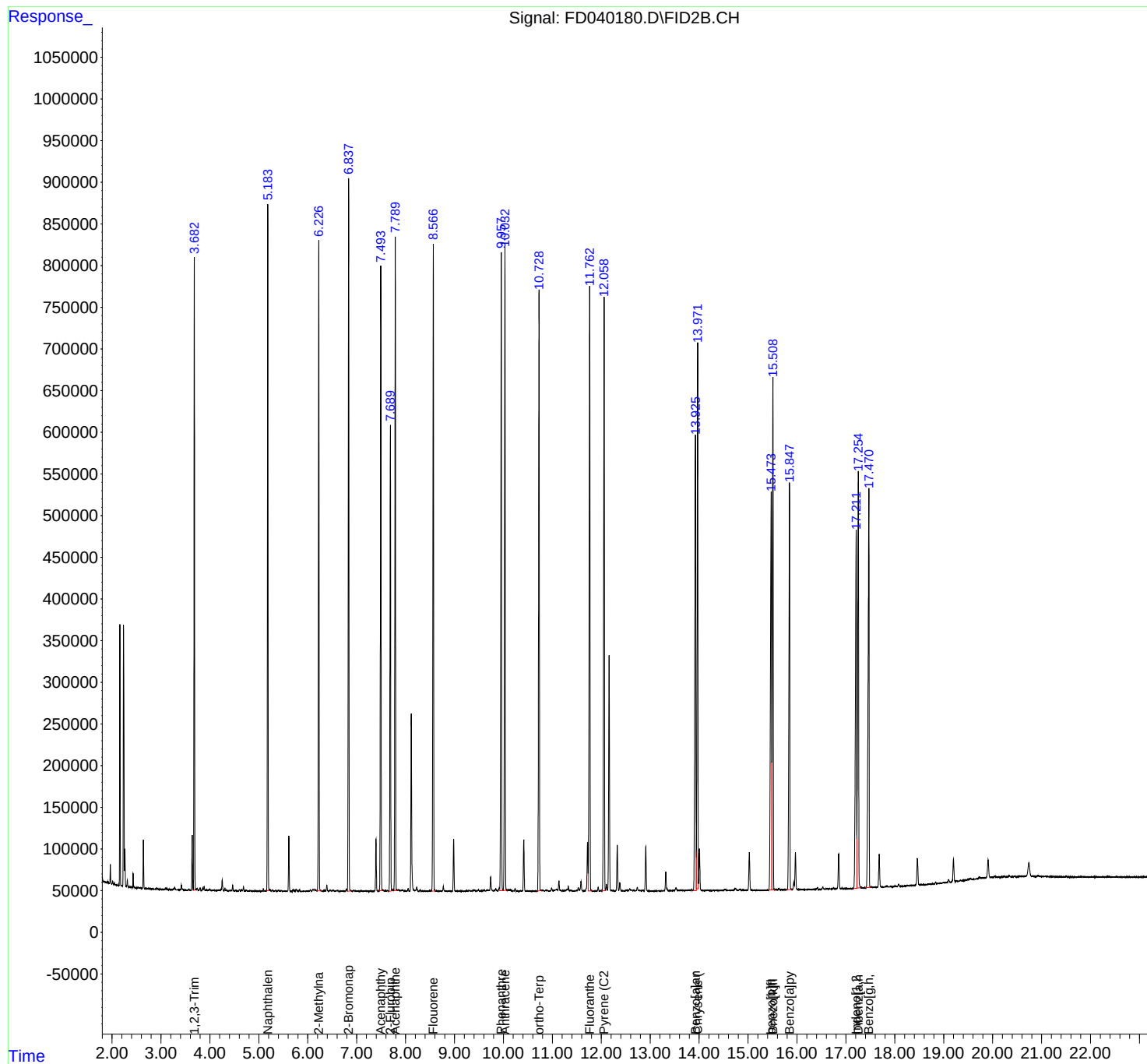
(f)=RT Delta > 1/2 Window

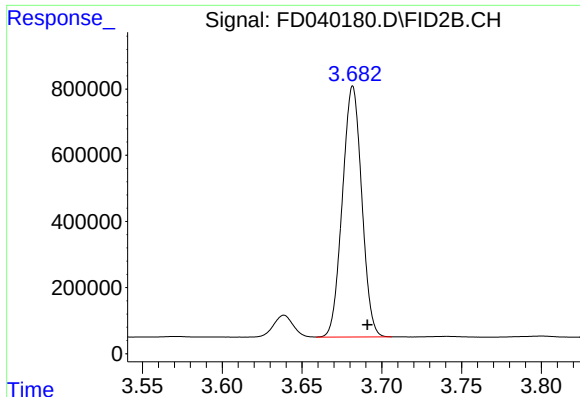
(m)=manual int.

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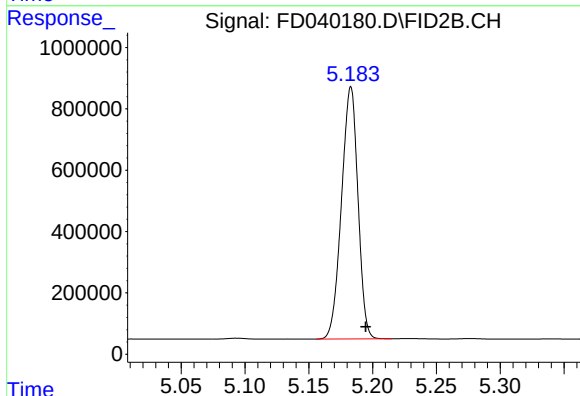
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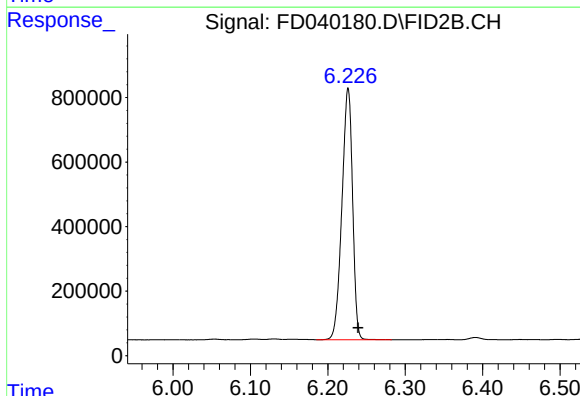
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.682 min
Delta R.T.: -0.009 min
Response: 6413807
Conc: 40.32 ug/ml m



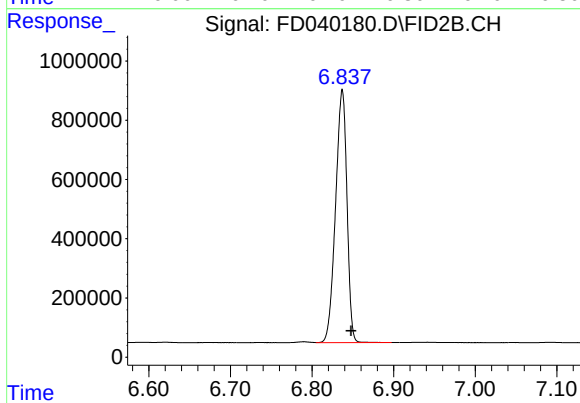
#2 Naphthalene (C11.7)

R.T.: 5.183 min
Delta R.T.: -0.012 min
Response: 7380986
Conc: 44.13 ug/ml



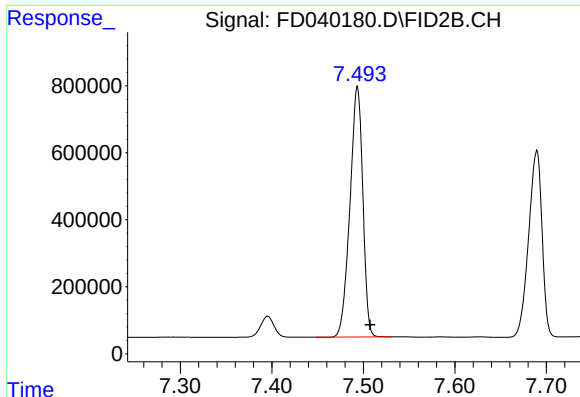
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.226 min
Delta R.T.: -0.013 min
Response: 7454713
Conc: 44.74 ug/ml



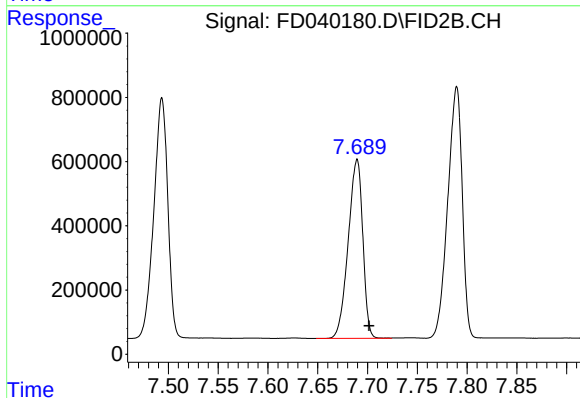
#4 2-Bromonaphthalene (SURR)

R.T.: 6.837 min
Delta R.T.: -0.011 min
Response: 8278319
Conc: 57.14 ug/ml



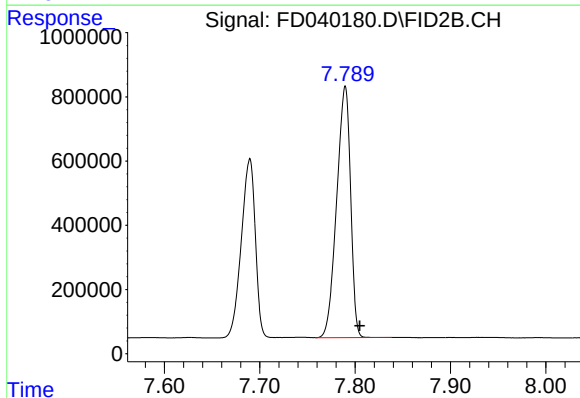
#5 Acenaphthylene (C15.06)

R.T.: 7.494 min
Delta R.T.: -0.014 min
Response: 7308927
Conc: 46.19 ug/ml



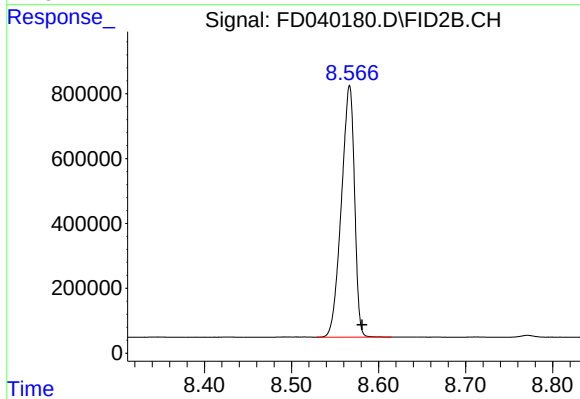
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.690 min
Delta R.T.: -0.012 min
Response: 5684559
Conc: 57.87 ug/ml



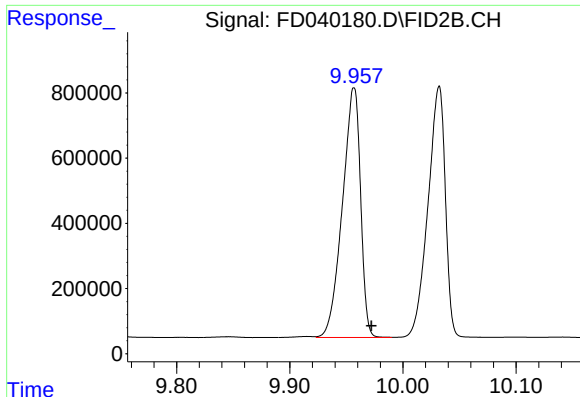
#7 Acenaphthene (C15.5)

R.T.: 7.790 min
Delta R.T.: -0.015 min
Response: 7912622
Conc: 46.59 ug/ml



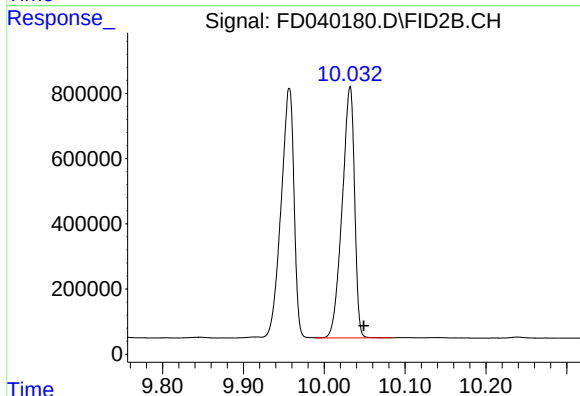
#8 Flouorene (C16.55)

R.T.: 8.567 min
Delta R.T.: -0.014 min
Response: 8152665
Conc: 53.25 ug/ml



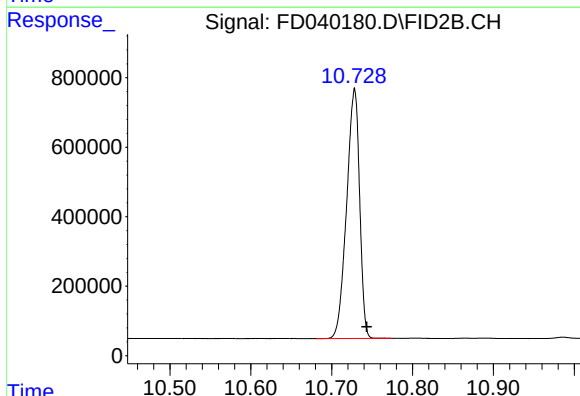
#9 Phenanthrene (C19.36)

R.T.: 9.957 min
Delta R.T.: -0.015 min
Response: 8539124
Conc: 57.21 ug/ml



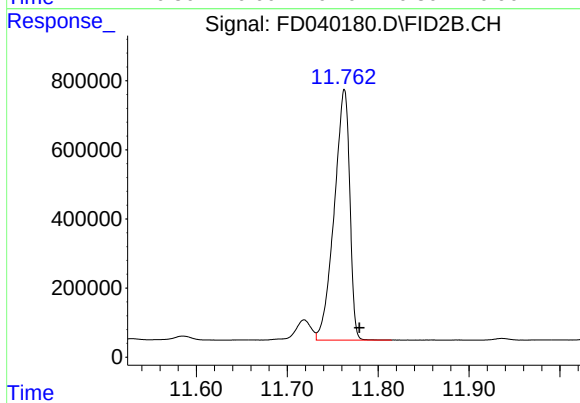
#10 Anthracene (C19.43)

R.T.: 10.032 min
Delta R.T.: -0.017 min
Response: 8209690
Conc: 55.22 ug/ml



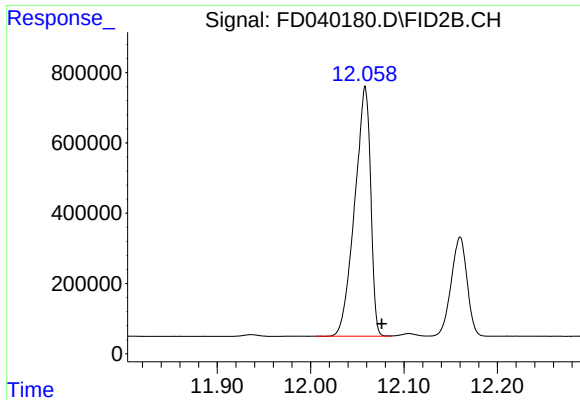
#11 ortho-Terphenyl (SURR)

R.T.: 10.728 min
Delta R.T.: -0.015 min
Response: 8013339
Conc: 51.90 ug/ml



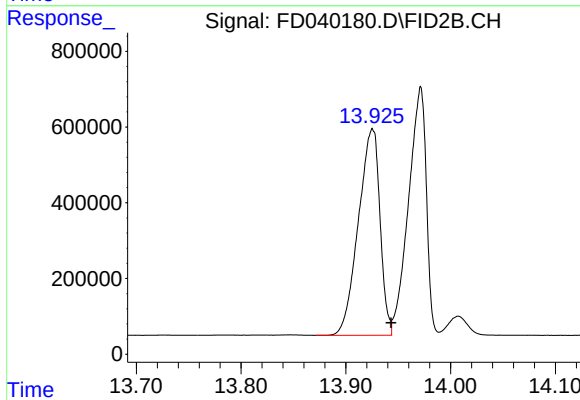
#12 Fluoranthene (C21.85)

R.T.: 11.763 min
Delta R.T.: -0.016 min
Response: 8584566
Conc: 59.95 ug/ml



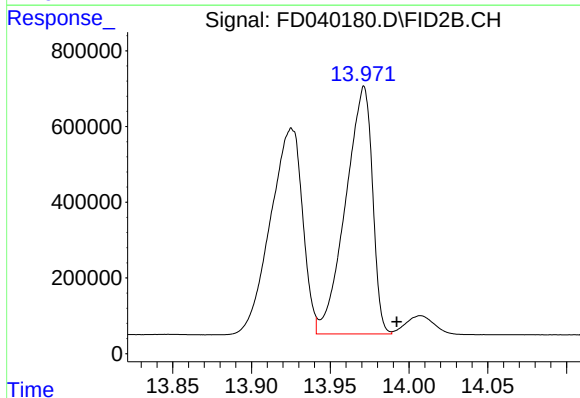
#13 Pyrene (C20.8)

R.T.: 12.058 min
Delta R.T.: -0.018 min
Response: 8427606
Conc: 57.11 ug/ml



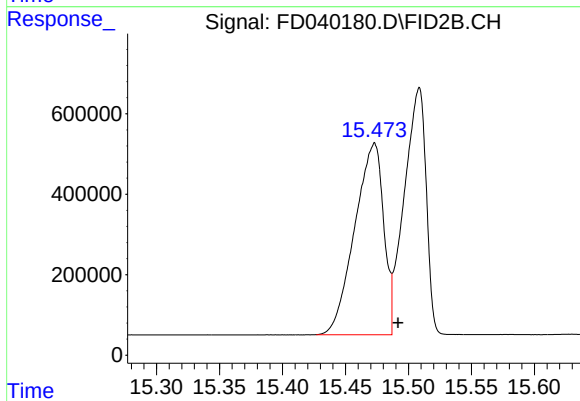
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.925 min
Delta R.T.: -0.018 min
Response: 7812167
Conc: 59.95 ug/ml



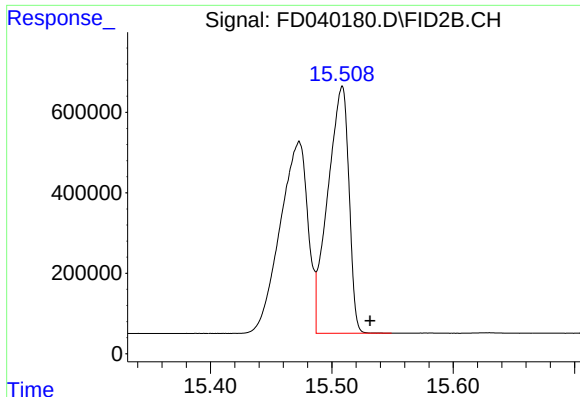
#15 Chrysene (C27.41)

R.T.: 13.971 min
Delta R.T.: -0.021 min
Response: 7746295
Conc: 57.21 ug/ml m



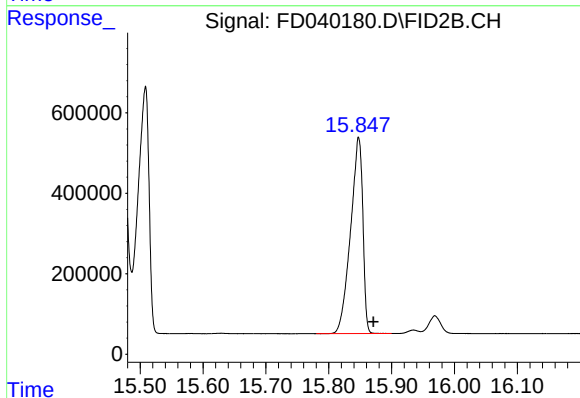
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.473 min
Delta R.T.: -0.019 min
Response: 7645073
Conc: 60.37 ug/ml m



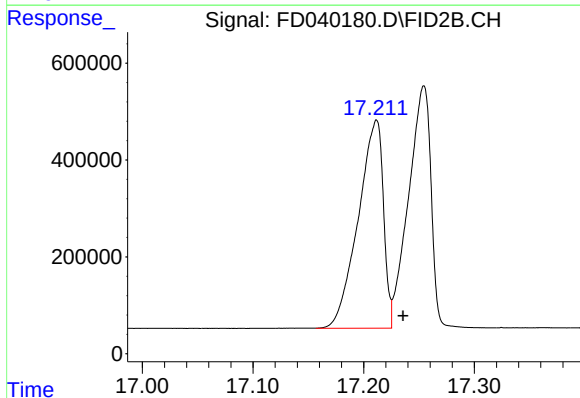
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.508 min
Delta R.T.: -0.023 min
Response: 7422006
Conc: 58.60 ug/ml



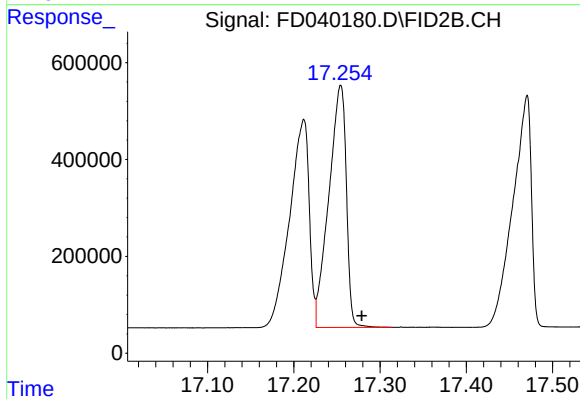
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.848 min
Delta R.T.: -0.023 min
Response: 6621853
Conc: 54.97 ug/ml



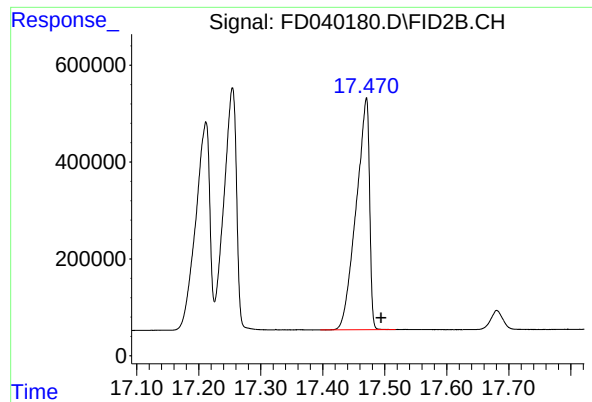
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.211 min
Delta R.T.: -0.025 min
Response: 6802324
Conc: 57.96 ug/ml m



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

R.T.: 17.254 min
Delta R.T.: -0.025 min
Response: 7032479
Conc: 59.61 ug/ml



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

R.T.: 17.470 min
Delta R.T.: -0.024 min
Response: 7151274
Conc: 62.25 ug/ml