

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042619AR\
 Data File : FD029071.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2019 15:50
 Operator : AJ\SJ
 Sample : K2554-01MS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 27 00:19:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 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...	7.089	4233903	42.447 ug/ml
Spiked Amount 50.000		Recovery =	84.89%
6) S 2-Fluorobiphenyl (SURR)	7.956	2840662	41.452 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.90%
11) S ortho-Terphenyl (SURR)	10.995	4006224	37.601 ug/ml
Spiked Amount 50.000		Recovery =	75.20%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.913	3522062	37.255 ug/ml
2) T Naphthalene (C11.7)	5.434	4190672	39.215 ug/ml
3) T 2-Methylnaphthalene (...)	6.482	4410374	40.296 ug/ml
5) T Acenaphthylene (C15.06)	7.759	4286431	40.038 ug/ml
7) T Acenaphthene (C15.5)	8.055	4476549	39.828 ug/ml
8) T Flouorene (C16.55)	8.836	4694909	41.951 ug/ml
9) T Phenanthrene (C19.36)	10.236	6034858	56.215 ug/ml
10) T Anthracene (C19.43)	10.309	4799820	45.121 ug/ml
12) T Fluoranthene (C21.85)	12.051	8201589	81.624 ug/ml
13) T Pyrene (C20.8)	12.349	7126410	70.212 ug/ml
14) T Benzo[a]anthracene (C...	14.214	5699873	56.201 ug/ml
15) T Chrysene (C27.41)	14.258	6050334	59.350 ug/ml
16) T benzo[b]fluoranthene ...	15.764	5567647	51.893 ug/ml
17) T Bnezo[k]fluoranthene ...	15.798	5092468	47.960 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.143	5017961	46.979 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.506	5144242	47.629 ug/ml
20) T Dibenz[a,h]anthracene...	17.544	4857523	45.819 ug/ml
21) T Benzo[g,h,i]perylene ...	17.765	5093898	47.583 ug/ml

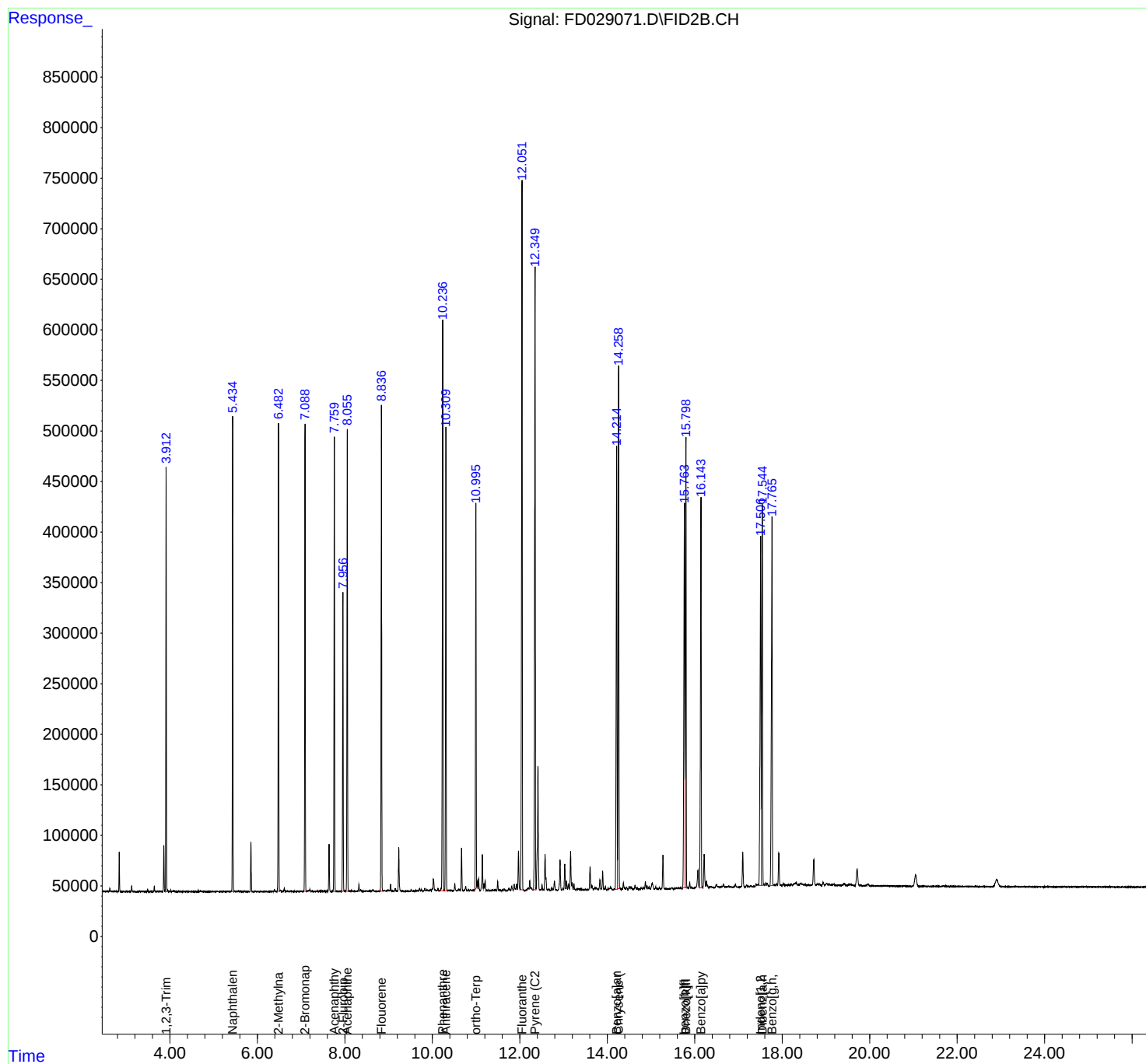
(f)=RT Delta > 1/2 Window

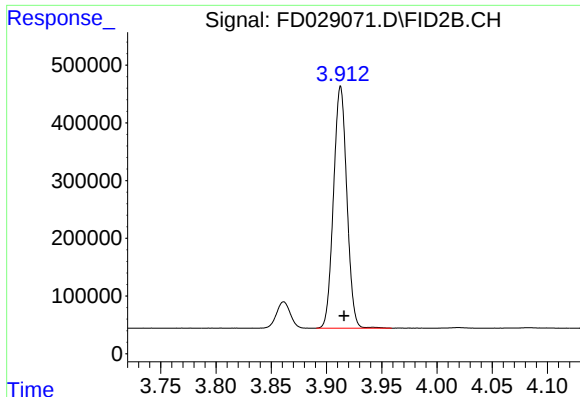
(m)=manual int.

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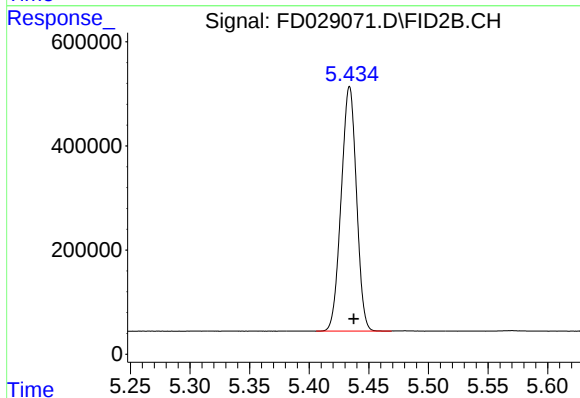
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Signal Info : 20M x 0.18mm x 0.18µm





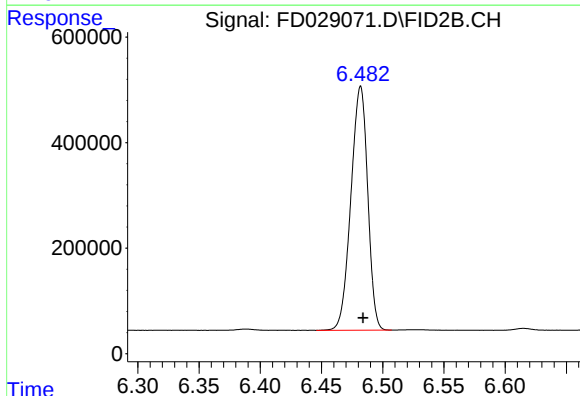
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.913 min
Delta R.T.: -0.003 min
Response: 3522062
Conc: 37.25 ug/ml



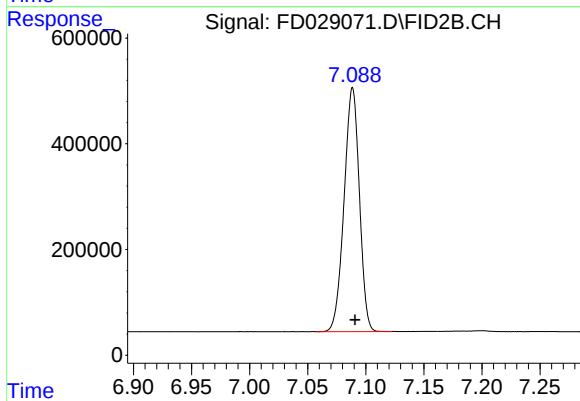
#2 Naphthalene (C11.7)

R.T.: 5.434 min
Delta R.T.: -0.003 min
Response: 4190672
Conc: 39.21 ug/ml



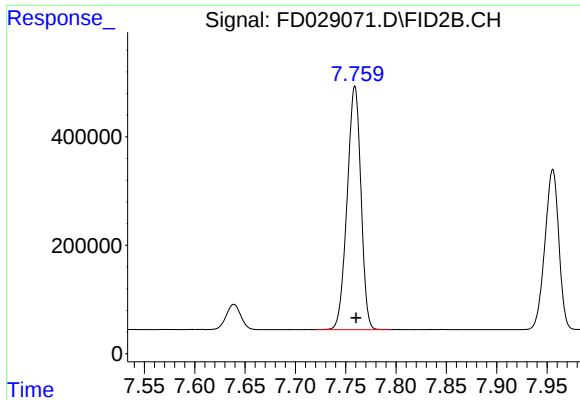
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.482 min
Delta R.T.: -0.002 min
Response: 4410374
Conc: 40.30 ug/ml



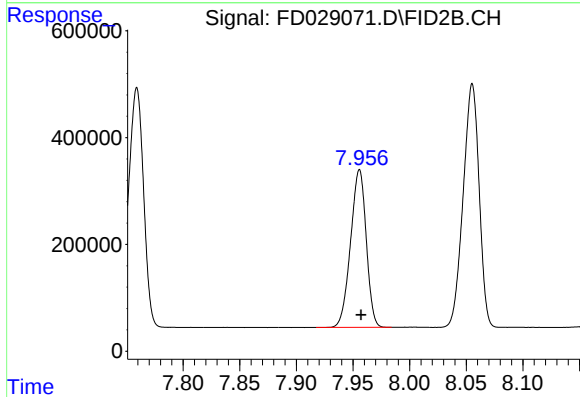
#4 2-Bromonaphthalene (SURR)

R.T.: 7.089 min
Delta R.T.: -0.002 min
Response: 4233903
Conc: 42.45 ug/ml



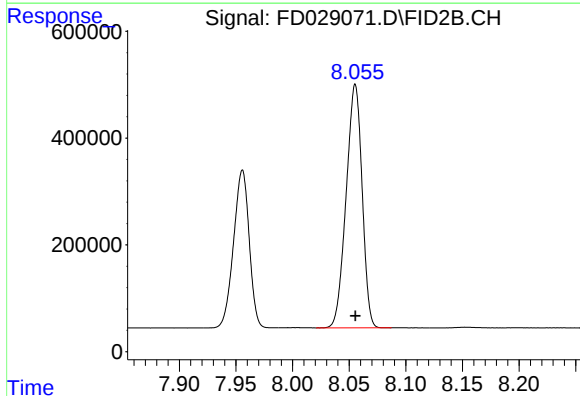
#5 Acenaphthylene (C15.06)

R.T.: 7.759 min
Delta R.T.: -0.001 min
Response: 4286431
Conc: 40.04 ug/ml



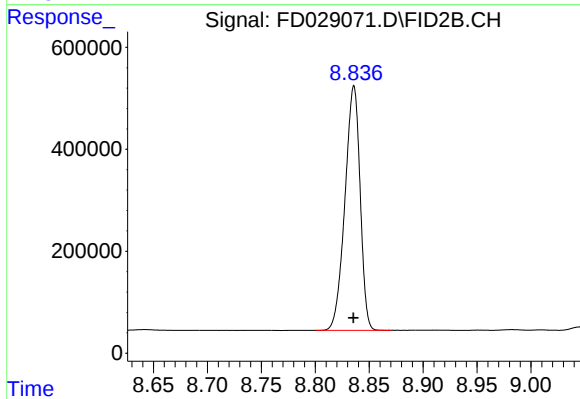
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.956 min
Delta R.T.: -0.001 min
Response: 2840662
Conc: 41.45 ug/ml



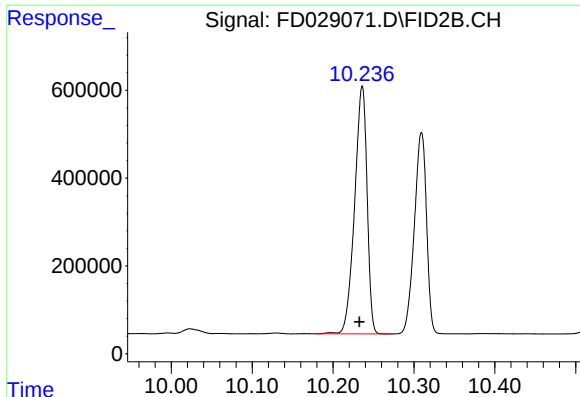
#7 Acenaphthene (C15.5)

R.T.: 8.055 min
Delta R.T.: 0.000 min
Response: 4476549
Conc: 39.83 ug/ml



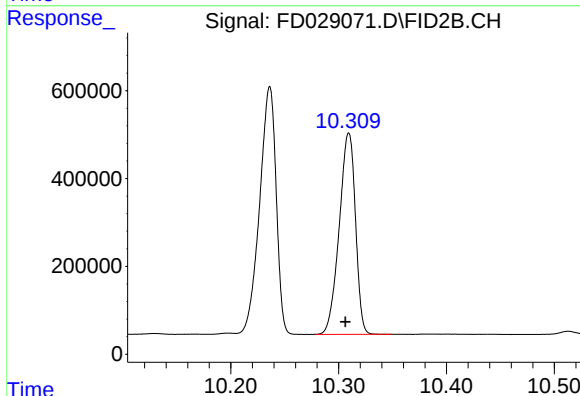
#8 Fluorene (C16.55)

R.T.: 8.836 min
Delta R.T.: 0.000 min
Response: 4694909
Conc: 41.95 ug/ml



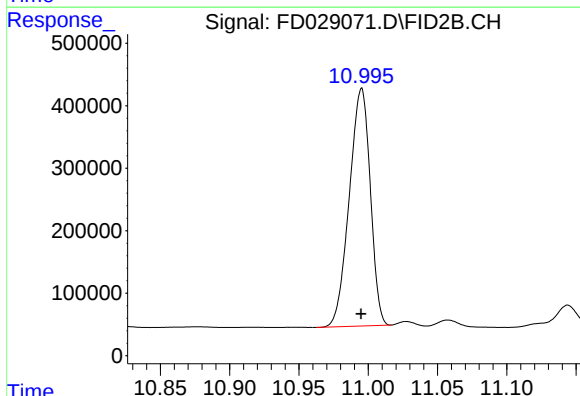
#9 Phenanthrene (C19.36)

R.T.: 10.236 min
Delta R.T.: 0.004 min
Response: 6034858
Conc: 56.22 ug/ml



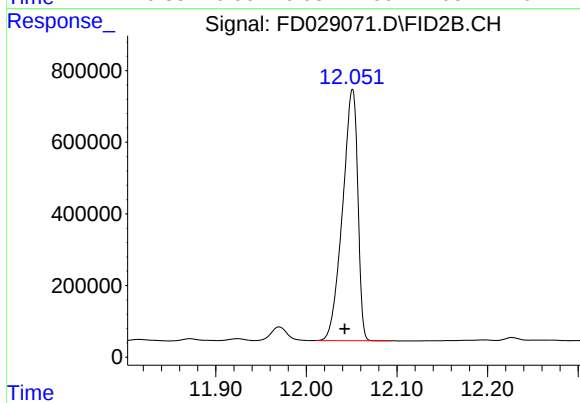
#10 Anthracene (C19.43)

R.T.: 10.309 min
Delta R.T.: 0.003 min
Response: 4799820
Conc: 45.12 ug/ml



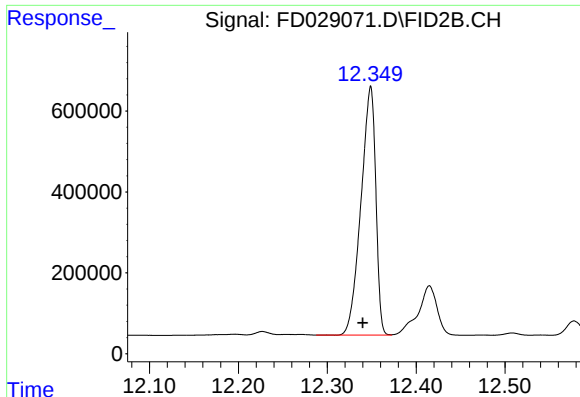
#11 ortho-Terphenyl (SURR)

R.T.: 10.995 min
Delta R.T.: 0.000 min
Response: 4006224
Conc: 37.60 ug/ml



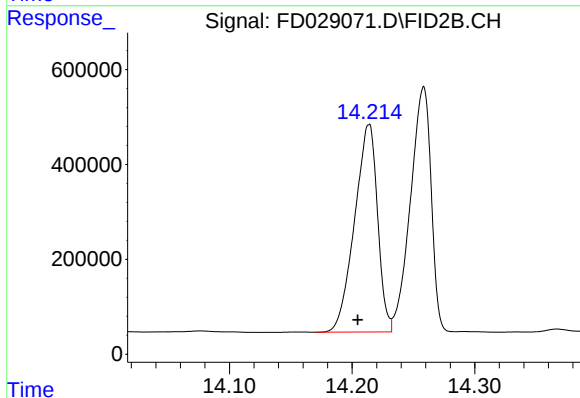
#12 Fluoranthene (C21.85)

R.T.: 12.051 min
Delta R.T.: 0.009 min
Response: 8201589
Conc: 81.62 ug/ml



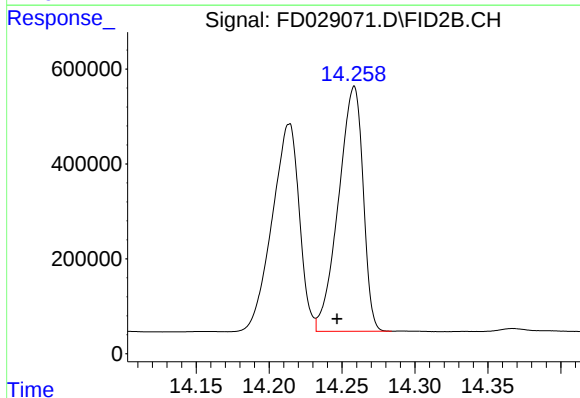
#13 Pyrene (C20.8)

R.T.: 12.349 min
Delta R.T.: 0.009 min
Response: 7126410
Conc: 70.21 ug/ml



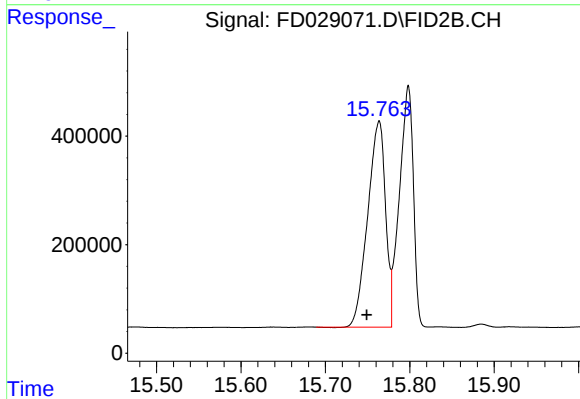
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.214 min
Delta R.T.: 0.009 min
Response: 5699873
Conc: 56.20 ug/ml



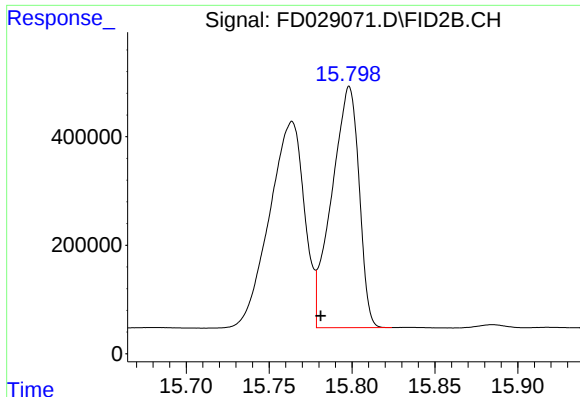
#15 Chrysene (C27.41)

R.T.: 14.258 min
Delta R.T.: 0.012 min
Response: 6050334
Conc: 59.35 ug/ml



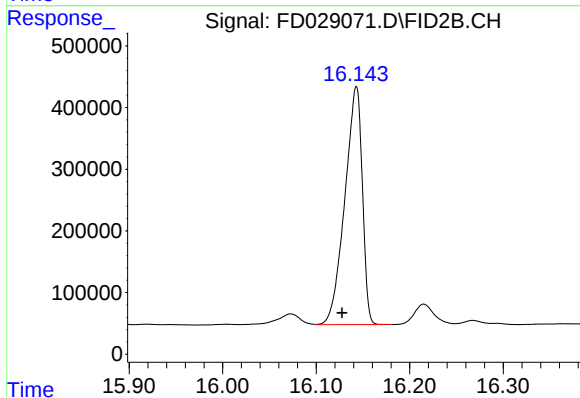
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.764 min
Delta R.T.: 0.014 min
Response: 5567647
Conc: 51.89 ug/ml



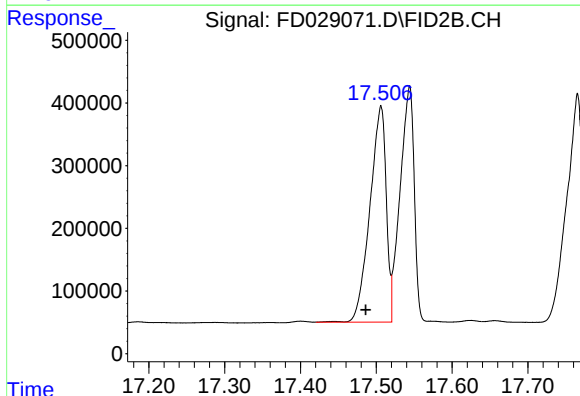
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.798 min
Delta R.T.: 0.017 min
Response: 5092468
Conc: 47.96 ug/ml



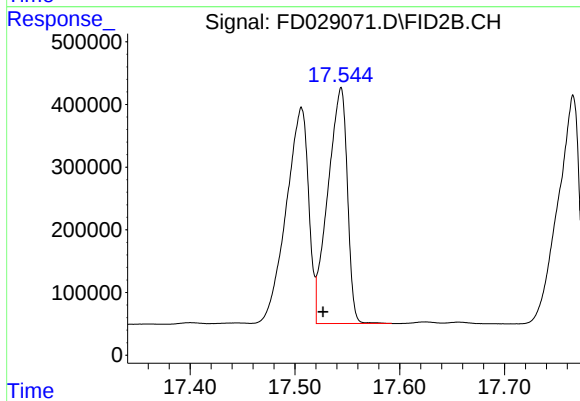
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.143 min
Delta R.T.: 0.015 min
Response: 5017961
Conc: 46.98 ug/ml



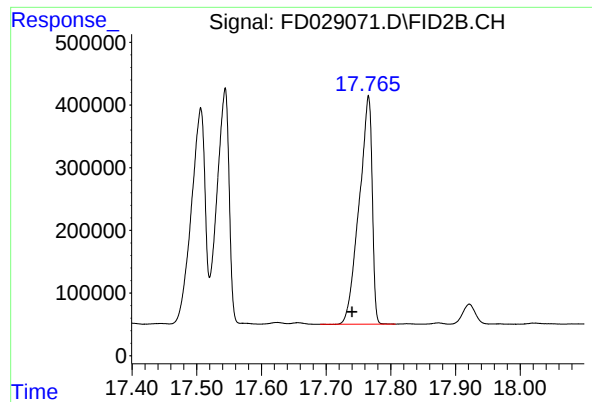
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.506 min
Delta R.T.: 0.020 min
Response: 5144242
Conc: 47.63 ug/ml



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

R.T.: 17.544 min
Delta R.T.: 0.017 min
Response: 4857523
Conc: 45.82 ug/ml



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

R.T.: 17.765 min
Delta R.T.: 0.025 min
Response: 5093898
Conc: 47.58 ug/ml