

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050922AR\
 Data File : FD042374.D
 Signal(s) : FID2B.CH
 Acq On : 09 May 2022 11:23
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 10 01:44:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 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...	7.336	2854090	20.362 ug/ml
Spiked Amount 50.000		Recovery =	40.72%
6) S 2-Fluorobiphenyl (SURR)	8.188	1613916	22.651 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.30%
11) S ortho-Terphenyl (SURR)	11.210	3357194	19.369 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.159	3226504	20.725 ug/ml
2) T Naphthalene (C11.7)	5.680	3184338	20.186 ug/ml
3) T 2-Methylnaphthalene (...)	6.726	2778026	19.211 ug/ml
5) T Acenaphthylene (C15.06)	7.987	3207554	19.463 ug/ml
7) T Acenaphthene (C15.5)	8.280	3513988	18.717 ug/ml
8) T Fluorene (C16.55)	9.058	3100841	20.358 ug/ml
9) T Phenanthrene (C19.36)	10.444	2899982	19.530 ug/ml
10) T Anthracene (C19.43)	10.520	2826825	16.886 ug/ml
12) T Fluoranthene (C21.85)	12.247	3004131	19.152 ug/ml
13) T Pyrene (C20.8)	12.540	3042641	18.654 ug/ml
14) T Benzo[a]anthracene (C...	14.411	2565738	21.449 ug/ml
15) T Chrysene (C27.41)	14.452	3174844	17.305 ug/ml
16) T benzo[b]fluoranthene ...	15.990	6044293	46.035 ug/ml
17) T Bnezo[k]fluoranthene ...	15.990	6044293	34.961 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.338	2849997	19.316 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.706	2404865	24.094 ug/ml
20) T Dibenz[a,h]anthracene...	17.742	3257328	20.753 ug/ml
21) T Benzo[g,h,i]perylene ...	17.956	2914836	21.047 ug/ml

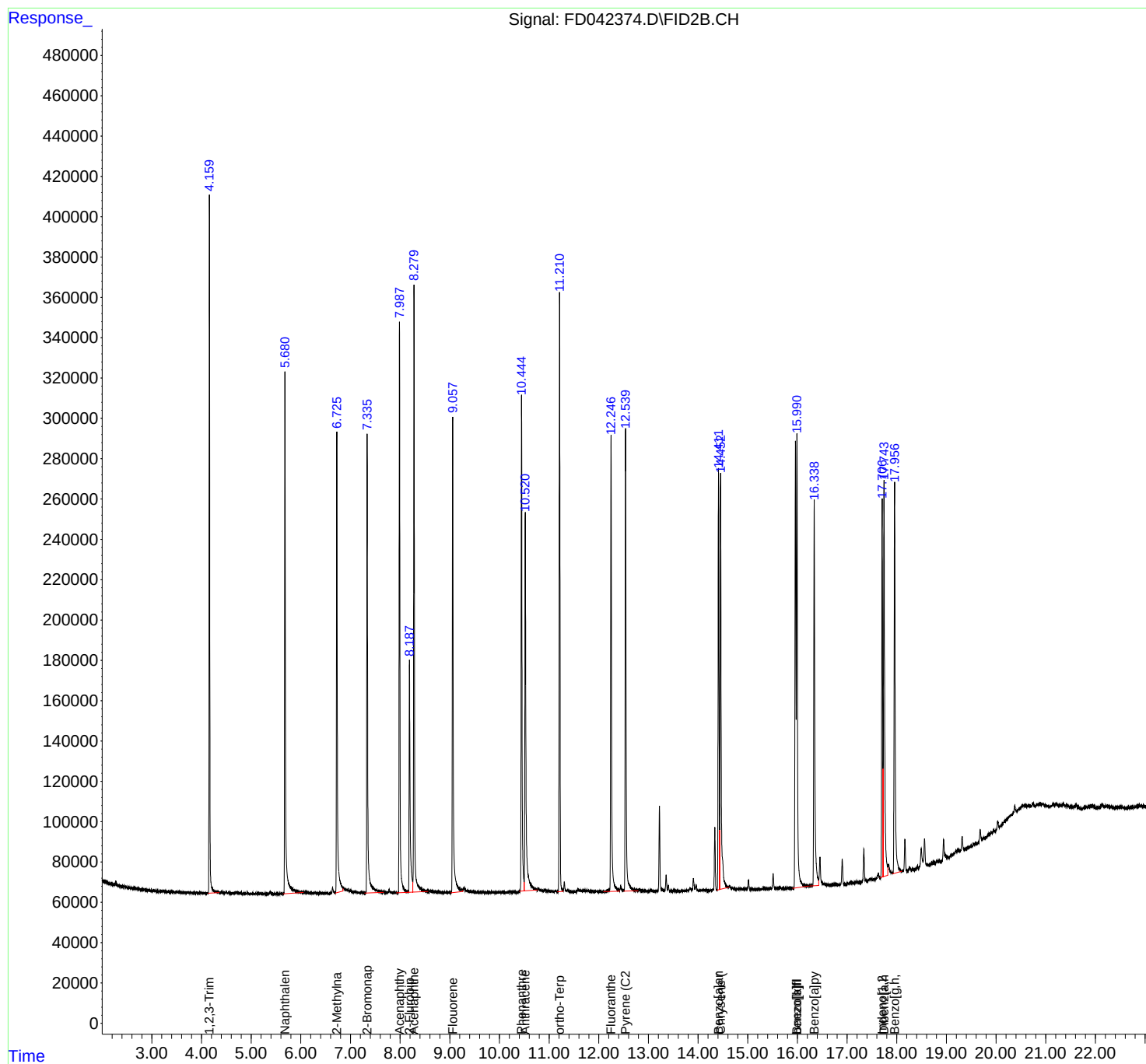
(f)=RT Delta > 1/2 Window

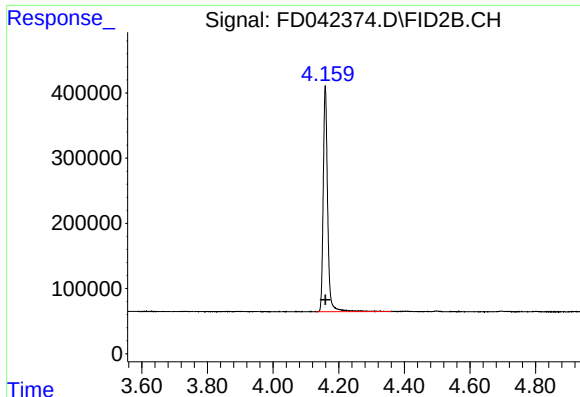
(m)=manual int.

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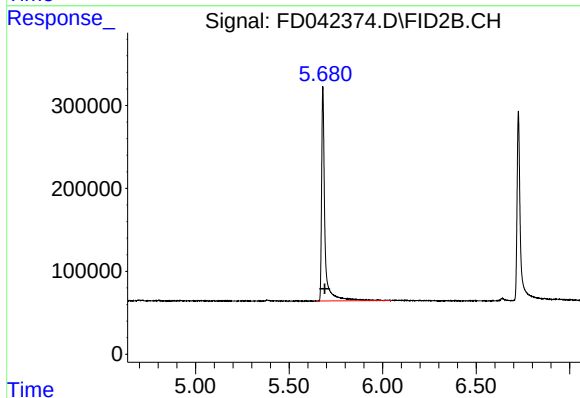
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Signal Info : 20M x 0.18mm x 0.18µm





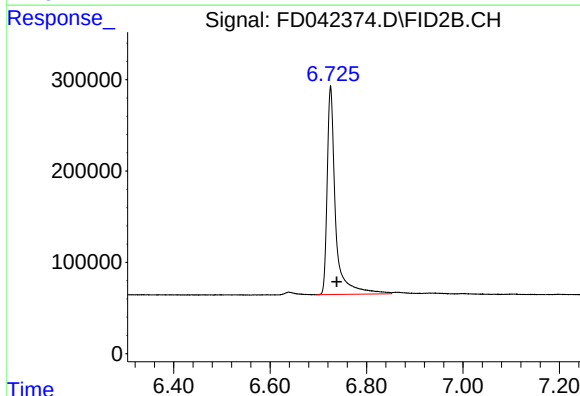
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 3226504
Conc: 20.73 ug/ml



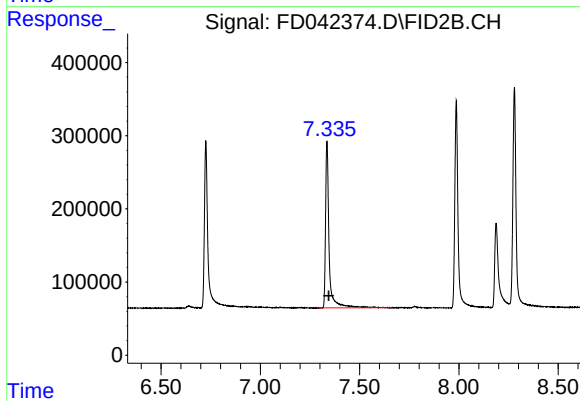
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.010 min
Response: 3184338
Conc: 20.19 ug/ml



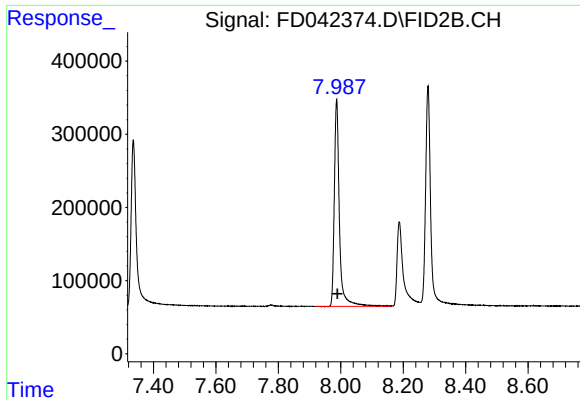
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.726 min
Delta R.T.: -0.012 min
Response: 2778026
Conc: 19.21 ug/ml



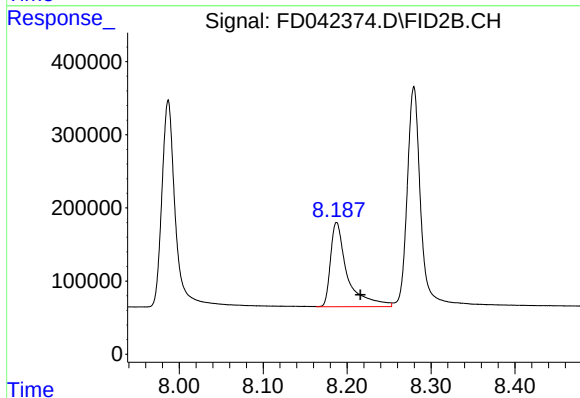
#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.009 min
Response: 2854090
Conc: 20.36 ug/ml



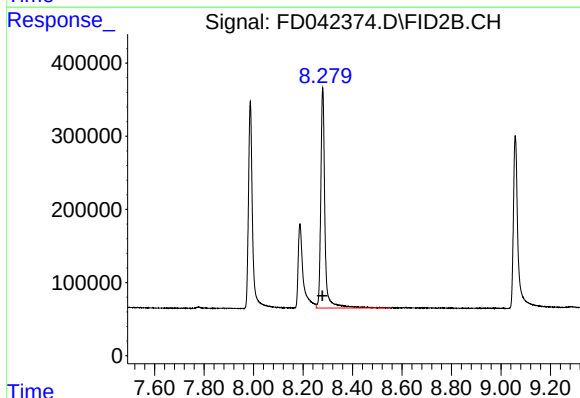
#5 Acenaphthylene (C15.06)

R.T.: 7.987 min
Delta R.T.: -0.002 min
Response: 3207554
Conc: 19.46 ug/ml



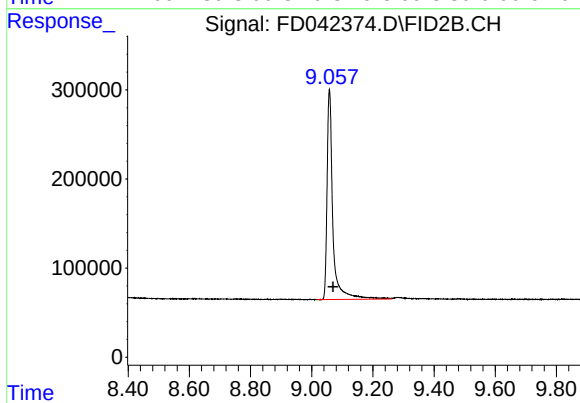
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.188 min
Delta R.T.: -0.028 min
Response: 1613916
Conc: 22.65 ug/ml



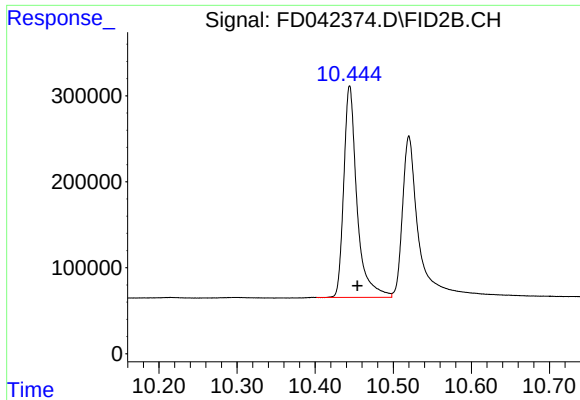
#7 Acenaphthene (C15.5)

R.T.: 8.280 min
Delta R.T.: 0.002 min
Response: 3513988
Conc: 18.72 ug/ml



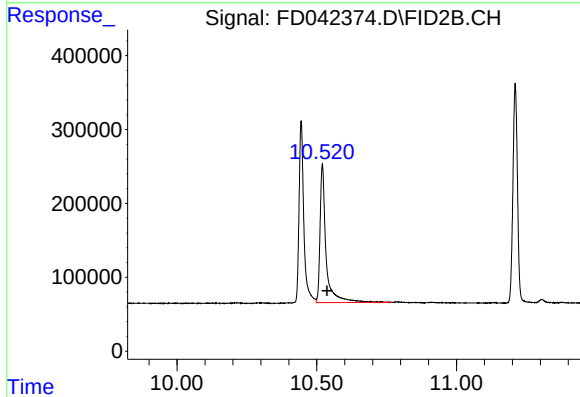
#8 Fluorene (C16.55)

R.T.: 9.058 min
Delta R.T.: -0.011 min
Response: 3100841
Conc: 20.36 ug/ml



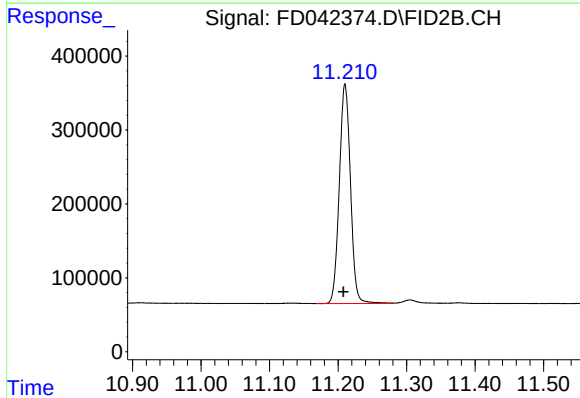
#9 Phenanthrene (C19.36)

R.T.: 10.444 min
Delta R.T.: -0.010 min
Response: 2899982
Conc: 19.53 ug/ml



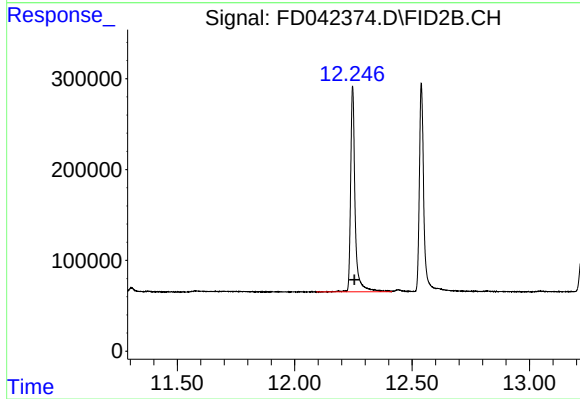
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.016 min
Response: 2826825
Conc: 16.89 ug/ml



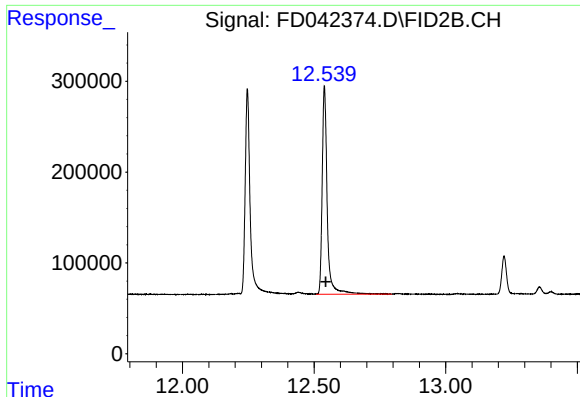
#11 ortho-Terphenyl (SURR)

R.T.: 11.210 min
Delta R.T.: 0.002 min
Response: 3357194
Conc: 19.37 ug/ml



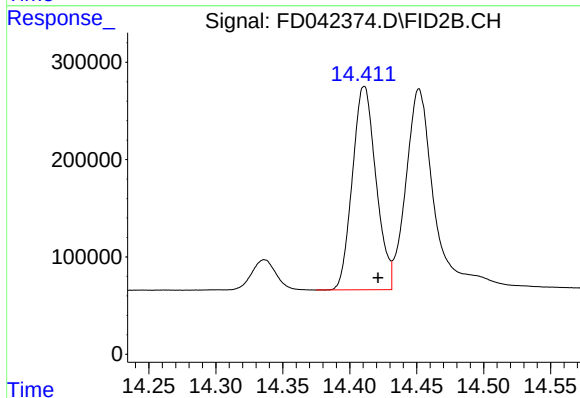
#12 Fluoranthene (C21.85)

R.T.: 12.247 min
Delta R.T.: -0.008 min
Response: 3004131
Conc: 19.15 ug/ml



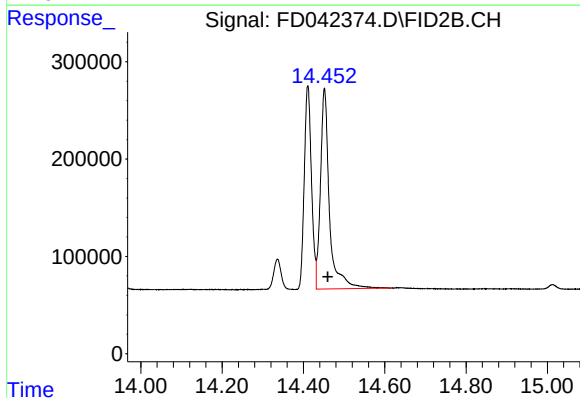
#13 Pyrene (C20.8)

R.T.: 12.540 min
Delta R.T.: -0.005 min
Response: 3042641
Conc: 18.65 ug/ml



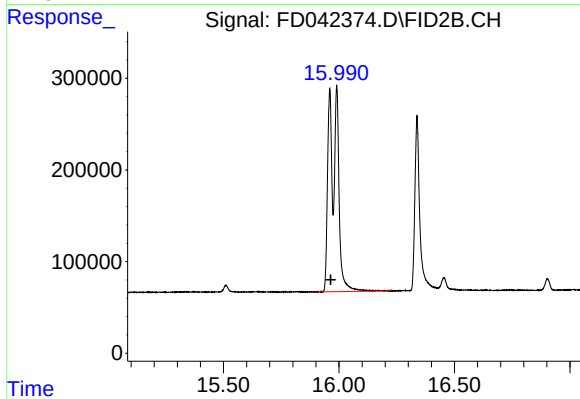
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.411 min
Delta R.T.: -0.010 min
Response: 2565738
Conc: 21.45 ug/ml



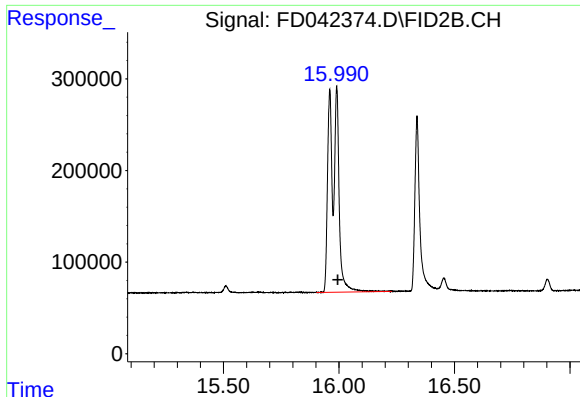
#15 Chrysene (C27.41)

R.T.: 14.452 min
Delta R.T.: -0.008 min
Response: 3174844
Conc: 17.31 ug/ml



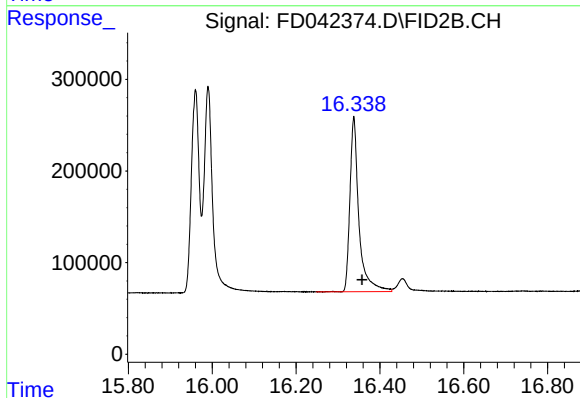
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.990 min
Delta R.T.: 0.026 min
Response: 6044293
Conc: 46.03 ug/ml



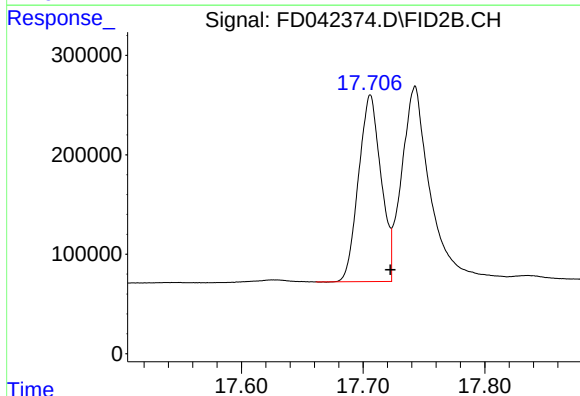
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.990 min
Delta R.T.: -0.005 min
Response: 6044293
Conc: 34.96 ug/ml



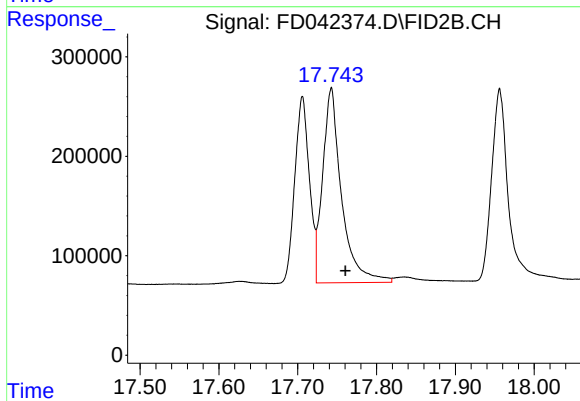
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.338 min
Delta R.T.: -0.020 min
Response: 2849997
Conc: 19.32 ug/ml



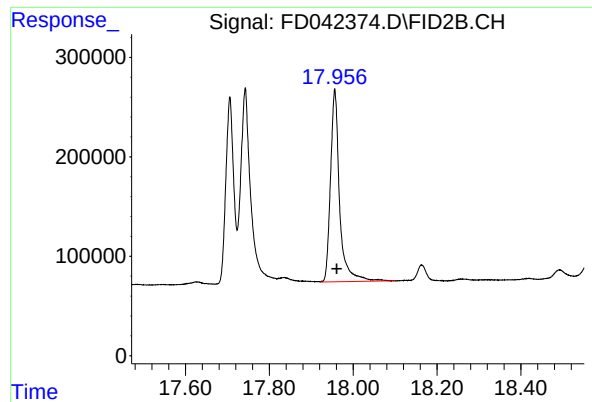
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.706 min
Delta R.T.: -0.017 min
Response: 2404865
Conc: 24.09 ug/ml



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

R.T.: 17.742 min
Delta R.T.: -0.018 min
Response: 3257328
Conc: 20.75 ug/ml



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

R.T.: 17.956 min
Delta R.T.: -0.004 min
Response: 2914836
Conc: 21.05 ug/ml