

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122221AR\
 Data File : FD040116.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2021 2:23
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 03:21:54 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	2925648	20.194 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
6) S 2-Fluorobiphenyl (SURR)	7.689	1992604	20.285 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.57%
11) S ortho-Terphenyl (SURR)	10.730	3114922	20.174 ug/ml
Spiked Amount 50.000		Recovery =	40.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.685	3210461	20.183 ug/ml
2) T Naphthalene (C11.7)	5.185	3374807	20.179 ug/ml
3) T 2-Methylnaphthalene (...)	6.227	3361740	20.176 ug/ml
5) T Acenaphthylene (C15.06)	7.494	3230465	20.417 ug/ml
7) T Acenaphthene (C15.5)	7.789	3450889	20.317 ug/ml
8) T Fluorene (C16.55)	8.566	3121340	20.388 ug/ml
9) T Phenanthrene (C19.36)	9.955	3041344	20.375 ug/ml
10) T Anthracene (C19.43)	10.029	3018574	20.305 ug/ml
12) T Fluoranthene (C21.85)	11.760	2925625	20.429 ug/ml
13) T Pyrene (C20.8)	12.055	3019453	20.462 ug/ml
14) T Benzo[a]anthracene (C...	13.923	2637473	20.241 ug/ml
15) T Chrysene (C27.41)	13.965	2722553	20.108 ug/ml
16) T benzo[b]fluoranthene ...	15.467	2549286	20.131 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.501	2541584	20.068 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.844	2421009	20.097 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.204	2356440	20.080 ug/mlm
20) T Dibenz[a,h]anthracene...	17.247	2424786	20.552 ug/ml
21) T Benzo[g,h,i]perylene ...	17.457	2310137	20.109 ug/ml

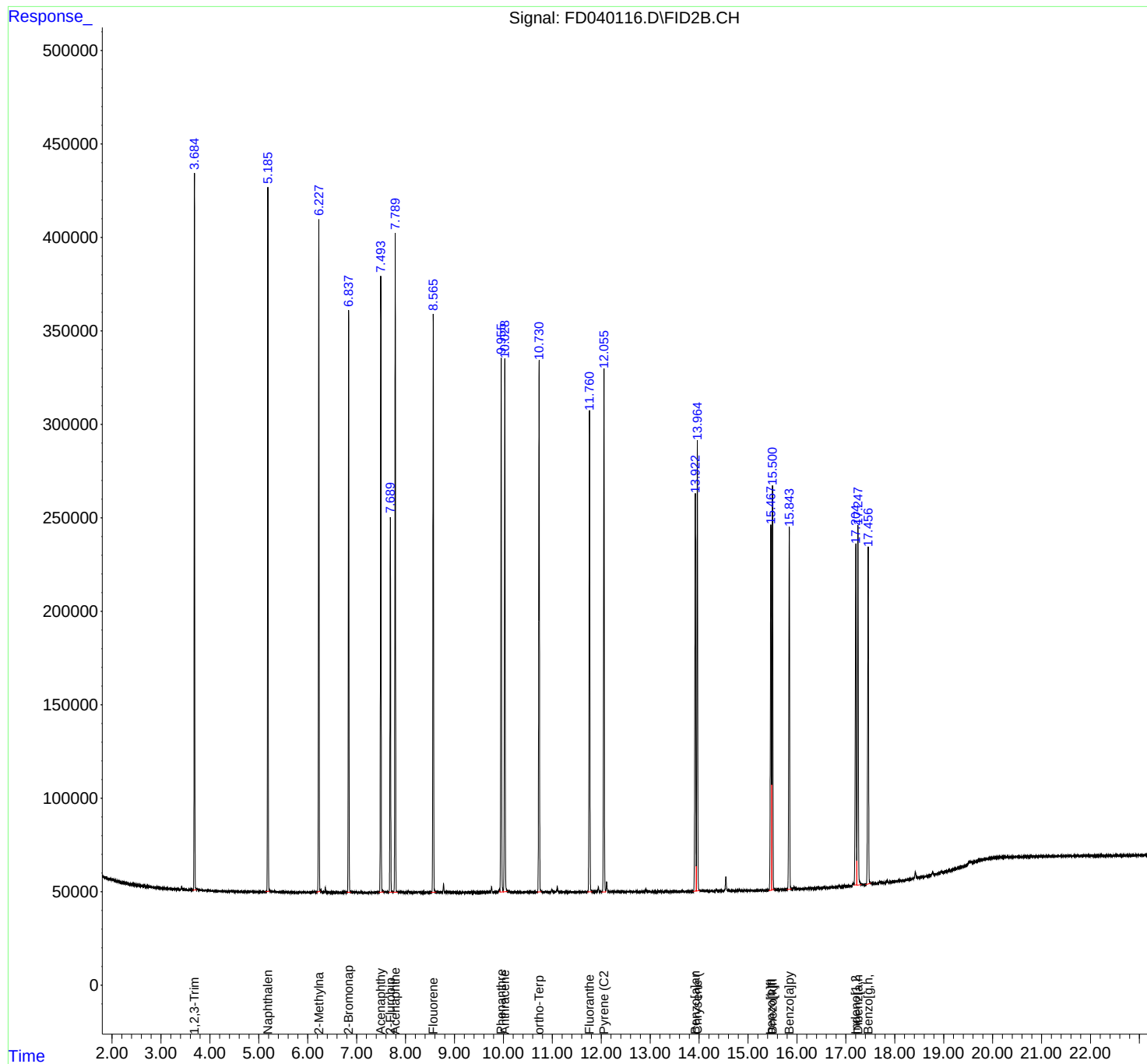
(f)=RT Delta > 1/2 Window

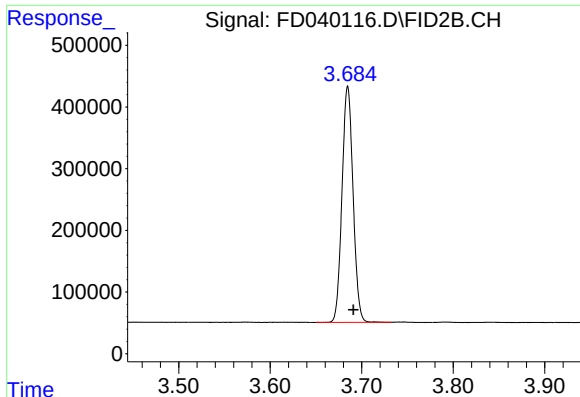
(m)=manual int.

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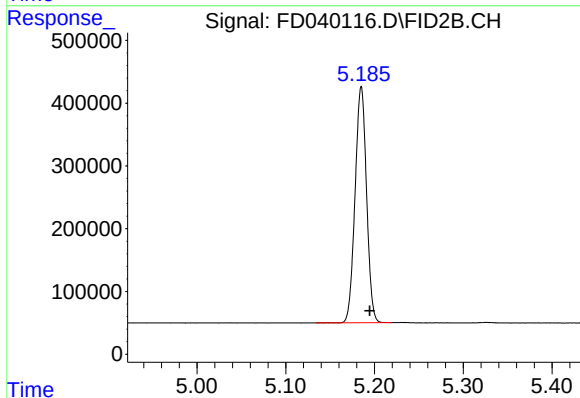
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





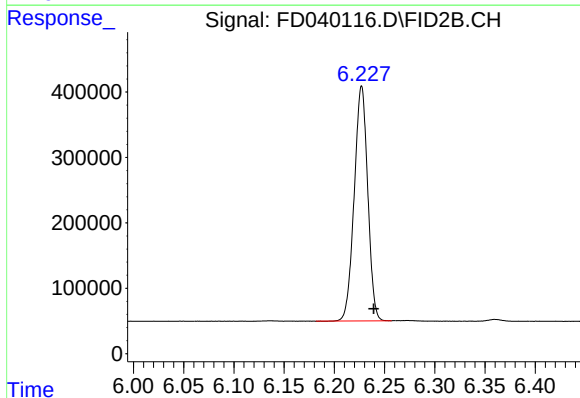
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.685 min
Delta R.T.: -0.006 min
Response: 3210461
Conc: 20.18 ug/ml



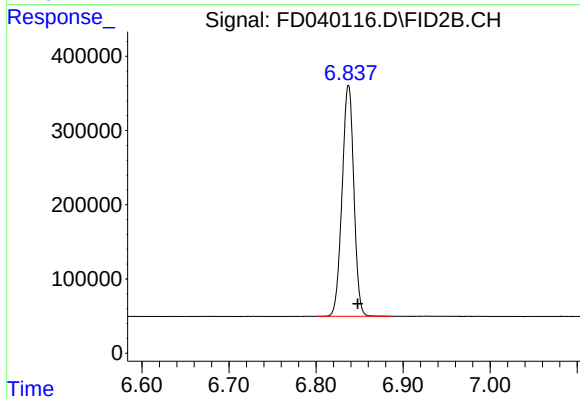
#2 Naphthalene (C11.7)

R.T.: 5.185 min
Delta R.T.: -0.010 min
Response: 3374807
Conc: 20.18 ug/ml



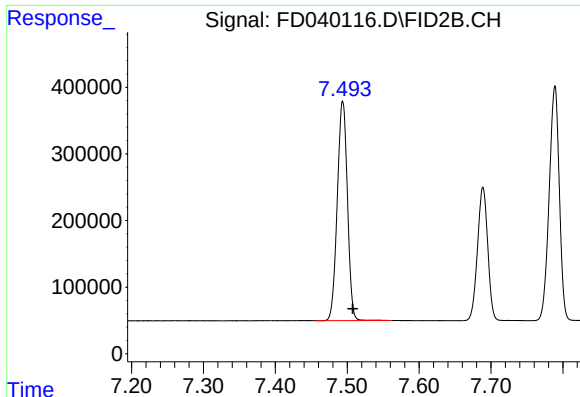
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.227 min
Delta R.T.: -0.012 min
Response: 3361740
Conc: 20.18 ug/ml



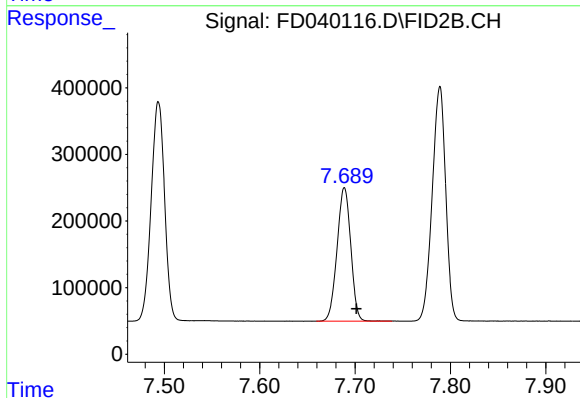
#4 2-Bromonaphthalene (SURR)

R.T.: 6.837 min
Delta R.T.: -0.011 min
Response: 2925648
Conc: 20.19 ug/ml



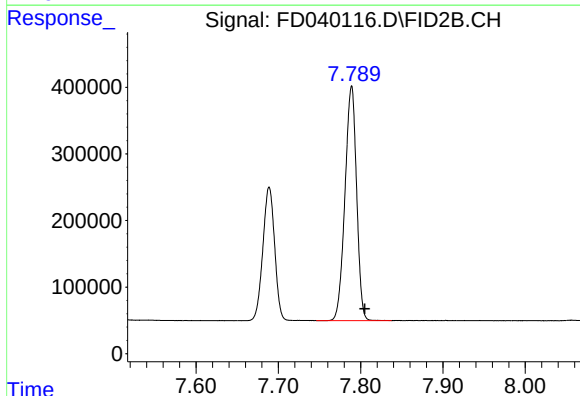
#5 Acenaphthylene (C15.06)

R.T.: 7.494 min
Delta R.T.: -0.014 min
Response: 3230465
Conc: 20.42 ug/ml



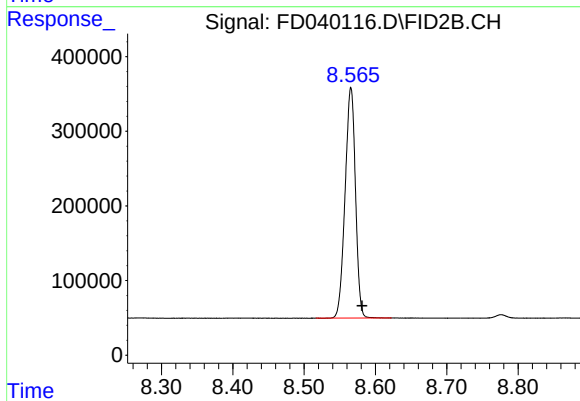
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.689 min
Delta R.T.: -0.013 min
Response: 1992604
Conc: 20.29 ug/ml



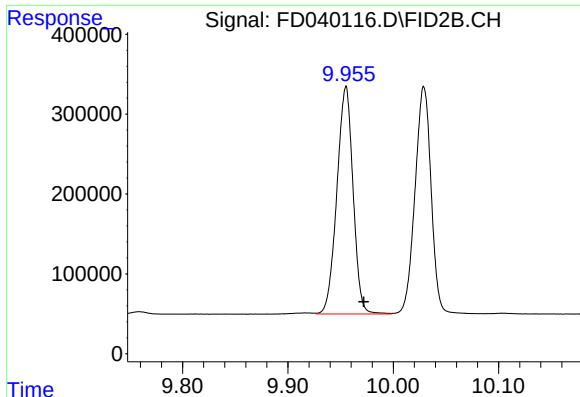
#7 Acenaphthene (C15.5)

R.T.: 7.789 min
Delta R.T.: -0.016 min
Response: 3450889
Conc: 20.32 ug/ml



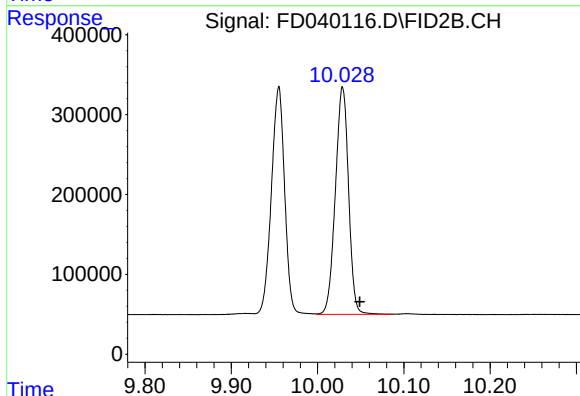
#8 Fluorene (C16.55)

R.T.: 8.566 min
Delta R.T.: -0.015 min
Response: 3121340
Conc: 20.39 ug/ml



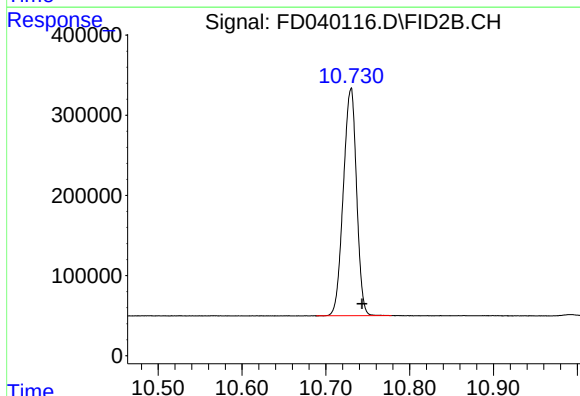
#9 Phenanthrene (C19.36)

R.T.: 9.955 min
Delta R.T.: -0.017 min
Response: 3041344
Conc: 20.38 ug/ml



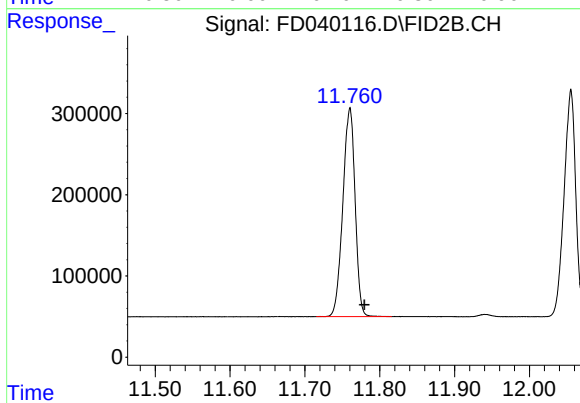
#10 Anthracene (C19.43)

R.T.: 10.029 min
Delta R.T.: -0.020 min
Response: 3018574
Conc: 20.30 ug/ml



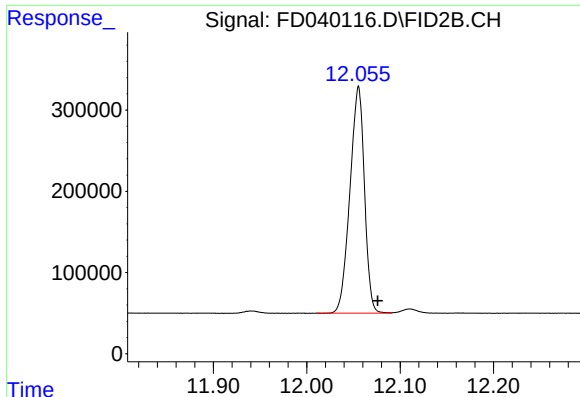
#11 ortho-Terphenyl (SURR)

R.T.: 10.730 min
Delta R.T.: -0.013 min
Response: 3114922
Conc: 20.17 ug/ml



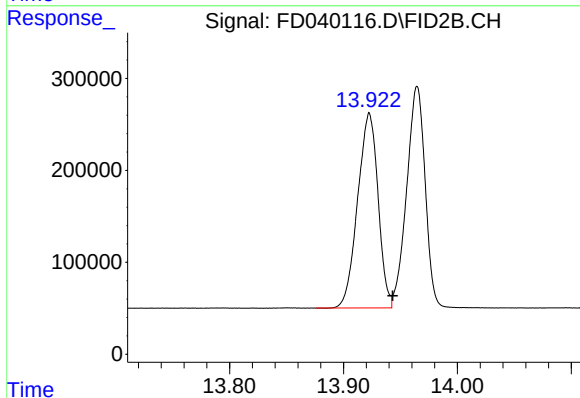
#12 Fluoranthene (C21.85)

R.T.: 11.760 min
Delta R.T.: -0.019 min
Response: 2925625
Conc: 20.43 ug/ml



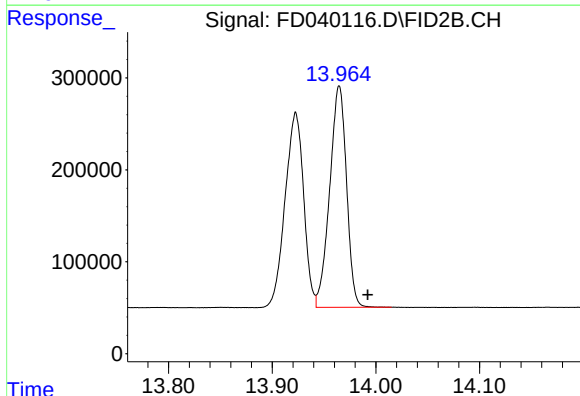
#13 Pyrene (C20.8)

R.T.: 12.055 min
Delta R.T.: -0.021 min
Response: 3019453
Conc: 20.46 ug/ml



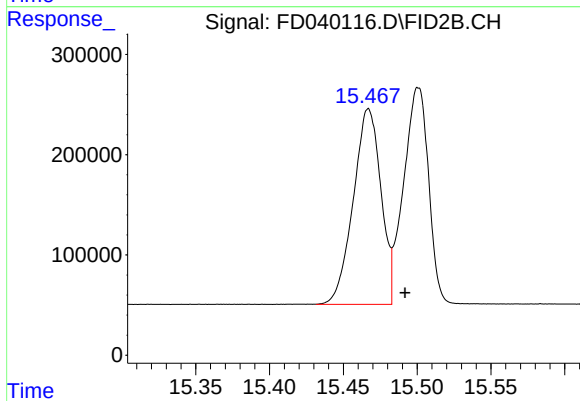
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.923 min
Delta R.T.: -0.020 min
Response: 2637473
Conc: 20.24 ug/ml



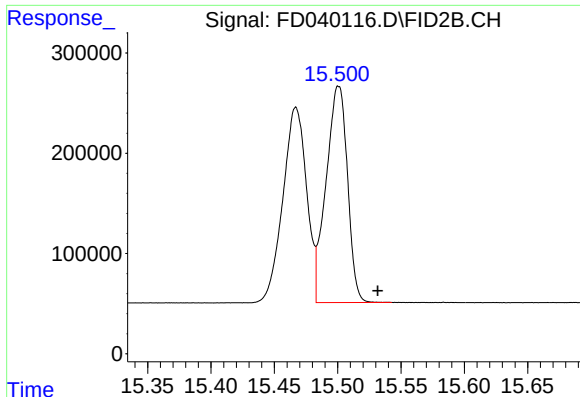
#15 Chrysene (C27.41)

R.T.: 13.965 min
Delta R.T.: -0.028 min
Response: 2722553
Conc: 20.11 ug/ml



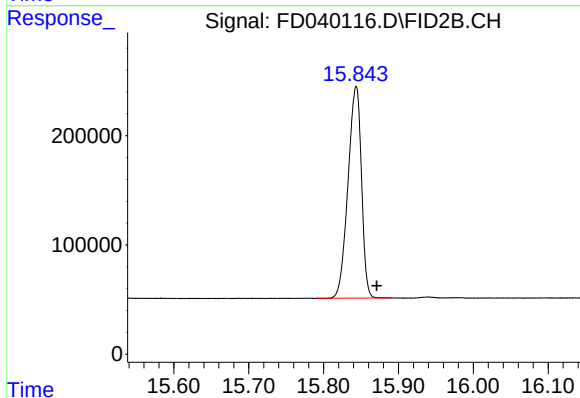
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.467 min
Delta R.T.: -0.025 min
Response: 2549286
Conc: 20.13 ug/ml m



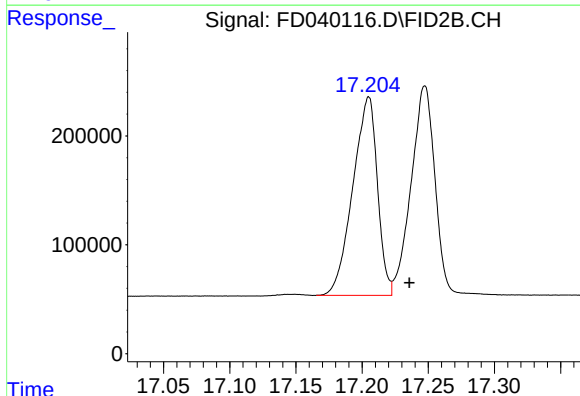
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.501 min
Delta R.T.: -0.031 min
Response: 2541584
Conc: 20.07 ug/ml



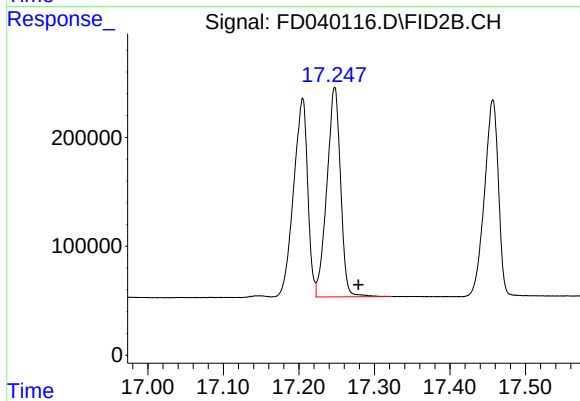
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.844 min
Delta R.T.: -0.027 min
Response: 2421009
Conc: 20.10 ug/ml



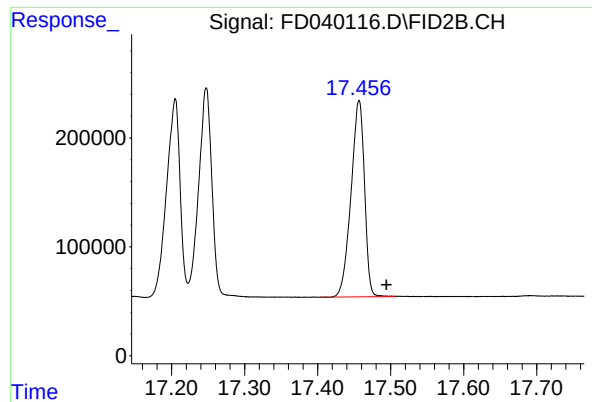
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.204 min
Delta R.T.: -0.031 min
Response: 2356440
Conc: 20.08 ug/ml m



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

R.T.: 17.247 min
Delta R.T.: -0.032 min
Response: 2424786
Conc: 20.55 ug/ml



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

R.T.: 17.457 min
Delta R.T.: -0.037 min
Response: 2310137
Conc: 20.11 ug/ml