

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040722AR\
 Data File : FD041889.D
 Signal(s) : FID2B.CH
 Acq On : 08 Apr 2022 10:21
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 08 12:26:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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...	7.342	3492656	21.776 ug/ml
Spiked Amount 50.000		Recovery =	43.55%
6) S 2-Fluorobiphenyl (SURR)	8.193	2047056	20.716 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.43%
11) S ortho-Terphenyl (SURR)	11.220	4076792	20.972 ug/ml
Spiked Amount 50.000		Recovery =	41.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.164	3959734	22.607 ug/ml
2) T Naphthalene (C11.7)	5.685	3925038	22.246 ug/ml
3) T 2-Methylnaphthalene (...)	6.731	3515371	21.972 ug/ml
5) T Acenaphthylene (C15.06)	7.992	3858957	20.853 ug/ml
7) T Acenaphthene (C15.5)	8.286	4185831	21.804 ug/ml
8) T Fluorene (C16.55)	9.064	3709160	21.025 ug/ml
9) T Phenanthrene (C19.36)	10.451	3499455	20.062 ug/ml
10) T Anthracene (C19.43)	10.527	3091908	16.987 ug/ml
12) T Fluoranthene (C21.85)	12.253	3396082	19.237 ug/ml
13) T Pyrene (C20.8)	12.545	3353977	19.838 ug/mlm
14) T Benzo[a]anthracene (C...	14.417	2688251	17.978 ug/ml
15) T Chrysene (C27.41)	14.457	3579983	19.889 ug/ml
16) T benzo[b]fluoranthene ...	15.963	3006271	20.273 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.994	3385332	20.487 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.341	2896427	20.592 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.706	2477820	22.497 ug/mlm
20) T Dibenz[a,h]anthracene...	17.745	3542440	24.469 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.957	3019923	22.755 ug/ml

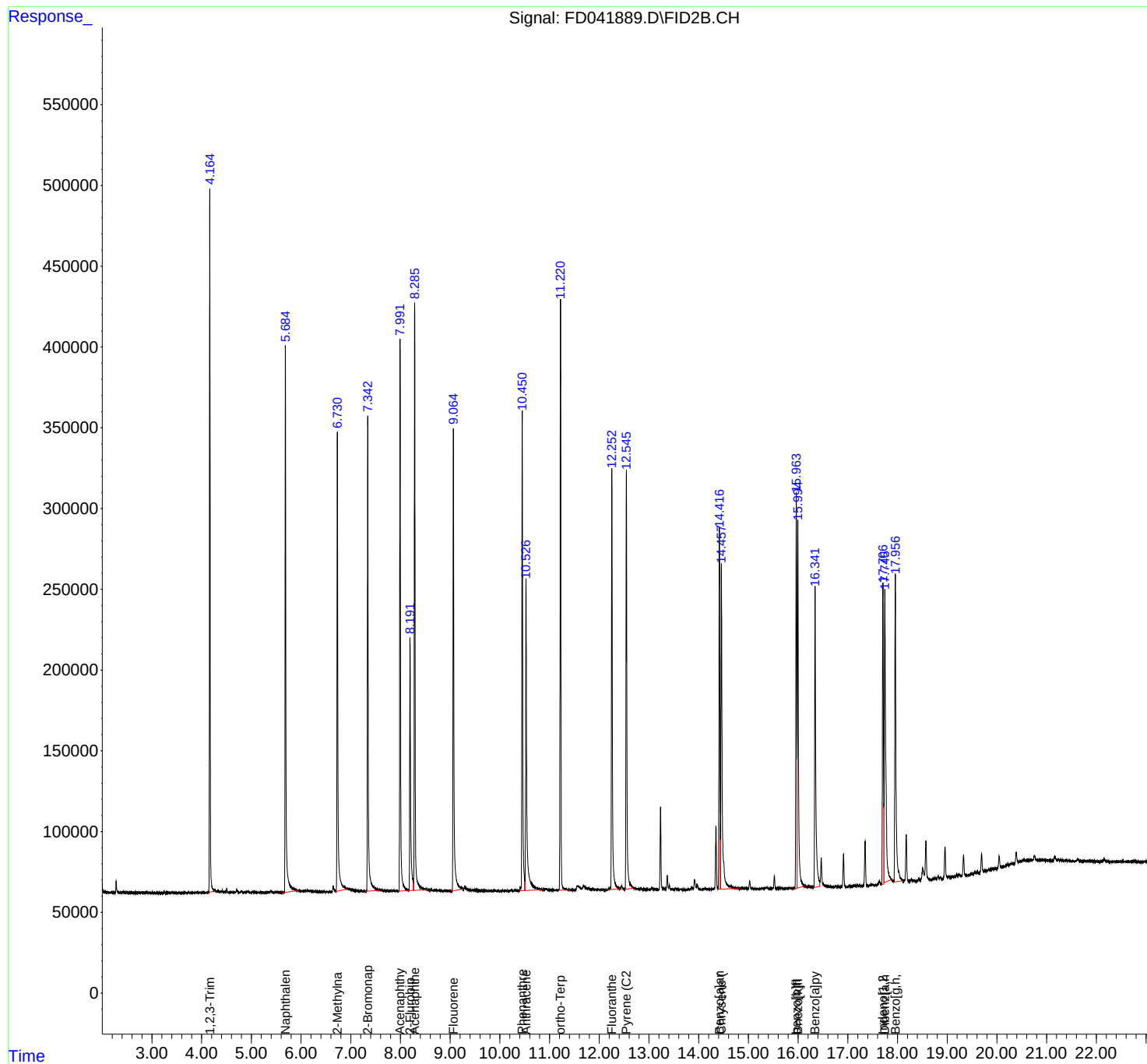
(f)=RT Delta > 1/2 Window

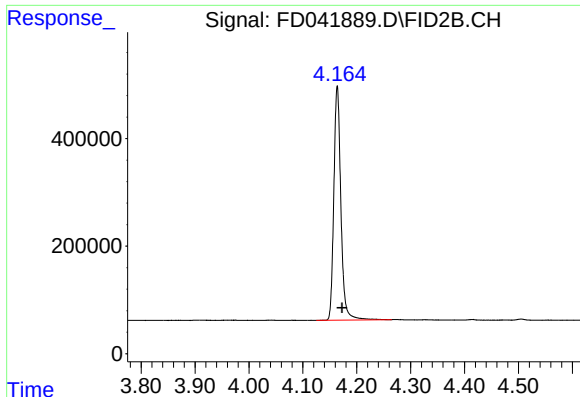
(m)=manual int.

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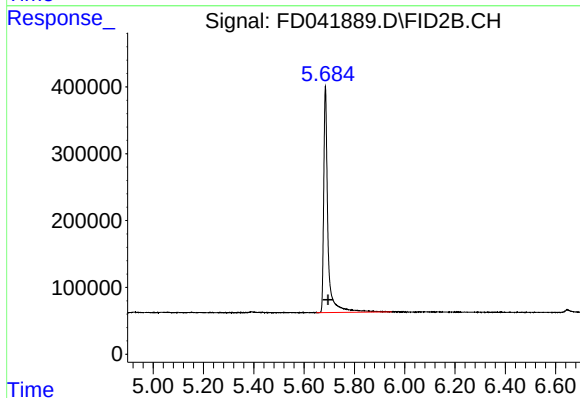
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





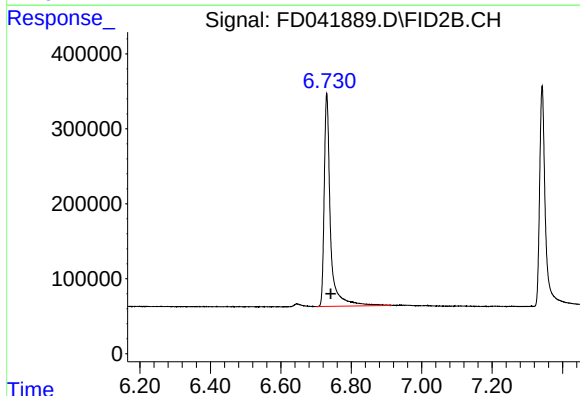
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.164 min
Delta R.T.: -0.009 min
Response: 3959734
Conc: 22.61 ug/ml



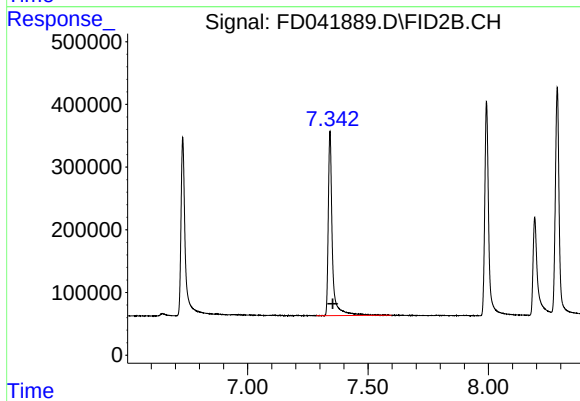
#2 Naphthalene (C11.7)

R.T.: 5.685 min
Delta R.T.: -0.011 min
Response: 3925038
Conc: 22.25 ug/ml



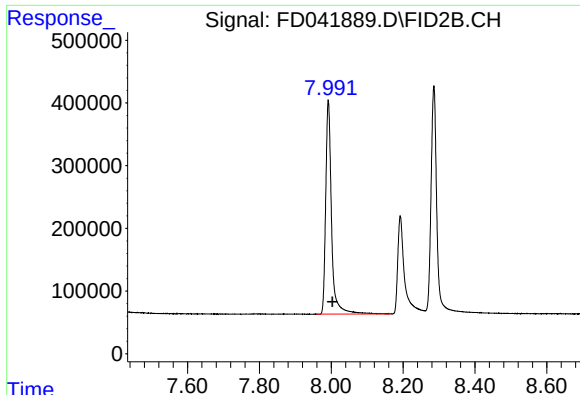
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.731 min
Delta R.T.: -0.011 min
Response: 3515371
Conc: 21.97 ug/ml



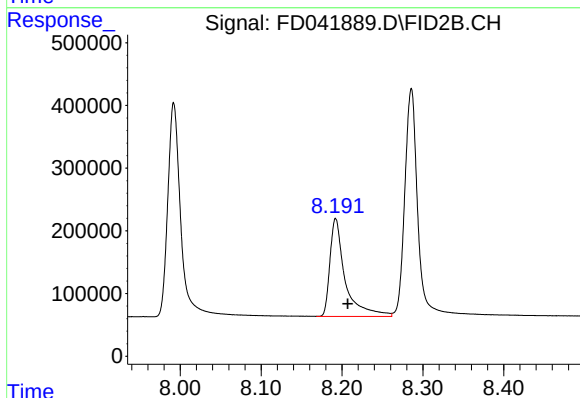
#4 2-Bromonaphthalene (SURR)

R.T.: 7.342 min
Delta R.T.: -0.010 min
Response: 3492656
Conc: 21.78 ug/ml



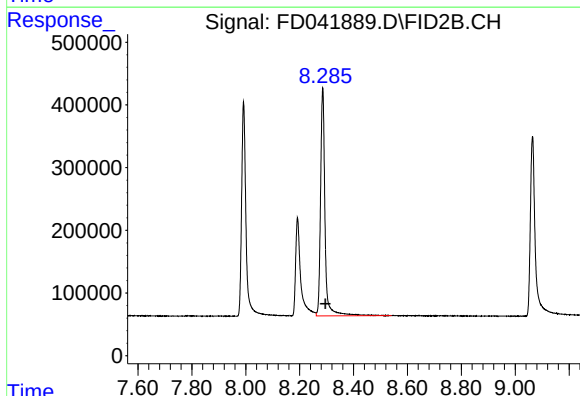
#5 Acenaphthylene (C15.06)

R.T.: 7.992 min
Delta R.T.: -0.011 min
Response: 3858957
Conc: 20.85 ug/ml



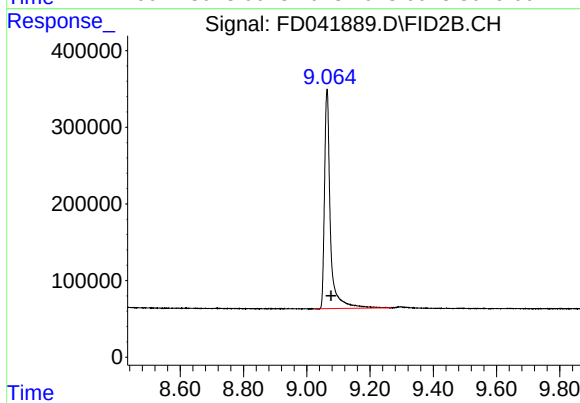
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.193 min
Delta R.T.: -0.014 min
Response: 2047056
Conc: 20.72 ug/ml



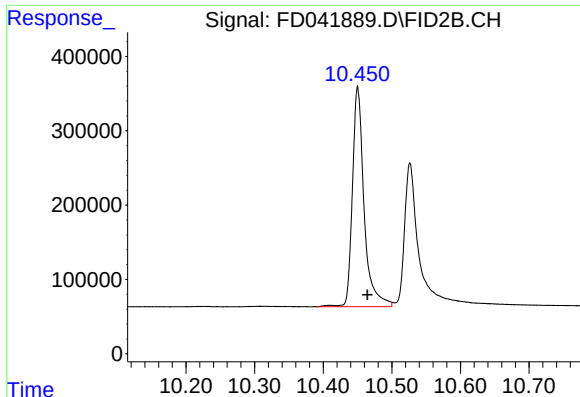
#7 Acenaphthene (C15.5)

R.T.: 8.286 min
Delta R.T.: -0.010 min
Response: 4185831
Conc: 21.80 ug/ml



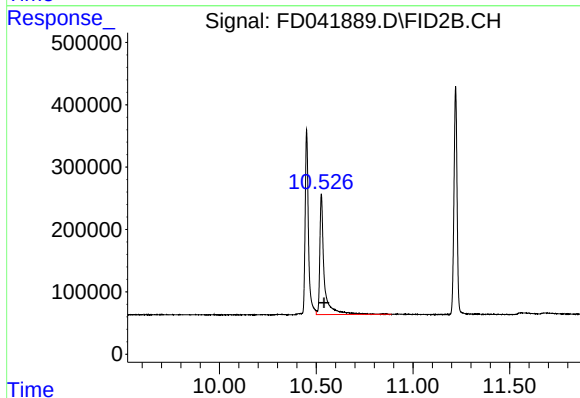
#8 Flouorene (C16.55)

R.T.: 9.064 min
Delta R.T.: -0.013 min
Response: 3709160
Conc: 21.02 ug/ml



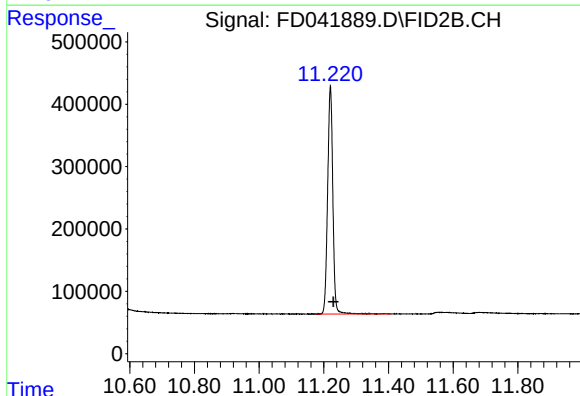
#9 Phenanthrene (C19.36)

R.T.: 10.451 min
Delta R.T.: -0.014 min
Response: 3499455
Conc: 20.06 ug/ml



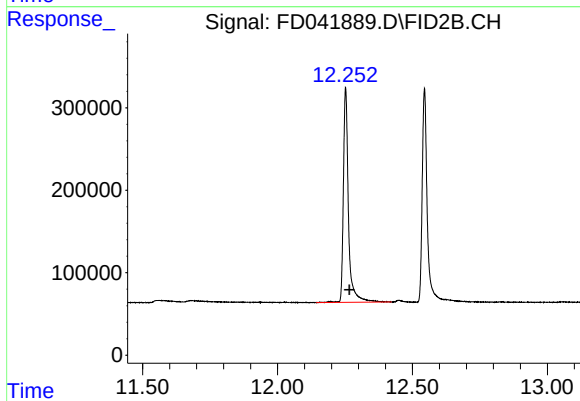
#10 Anthracene (C19.43)

R.T.: 10.527 min
Delta R.T.: -0.013 min
Response: 3091908
Conc: 16.99 ug/ml



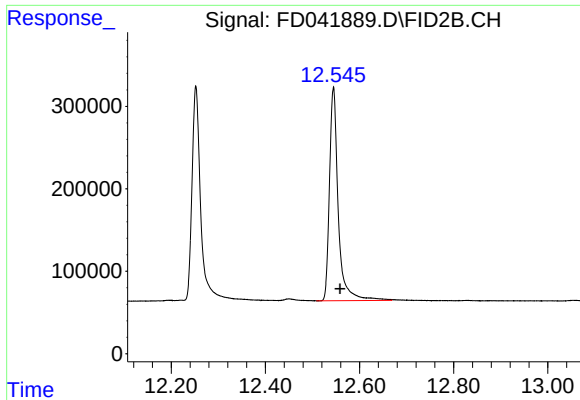
#11 ortho-Terphenyl (SURR)

R.T.: 11.220 min
Delta R.T.: -0.010 min
Response: 4076792
Conc: 20.97 ug/ml



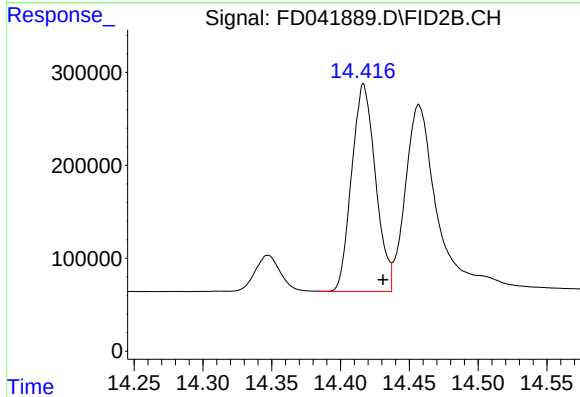
#12 Fluoranthene (C21.85)

R.T.: 12.253 min
Delta R.T.: -0.014 min
Response: 3396082
Conc: 19.24 ug/ml



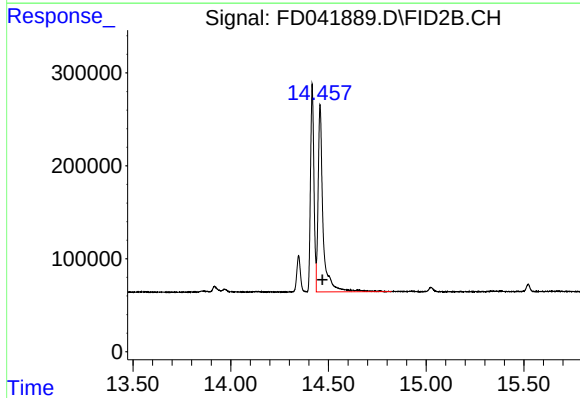
#13 Pyrene (C20.8)

R.T.: 12.545 min
Delta R.T.: -0.014 min
Response: 3353977
Conc: 19.84 ug/ml m



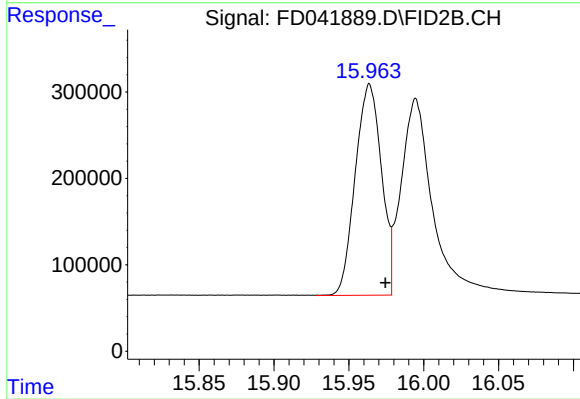
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.417 min
Delta R.T.: -0.014 min
Response: 2688251
Conc: 17.98 ug/ml



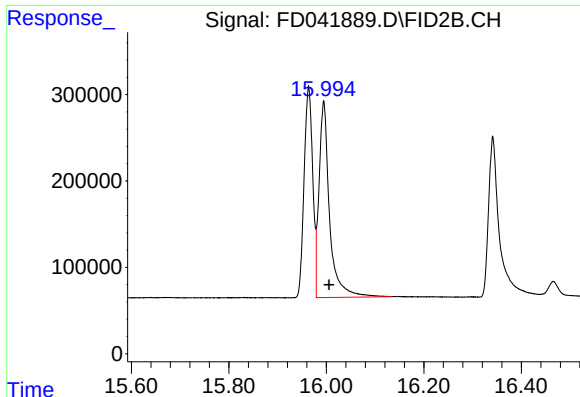
#15 Chrysene (C27.41)

R.T.: 14.457 min
Delta R.T.: -0.013 min
Response: 3579983
Conc: 19.89 ug/ml



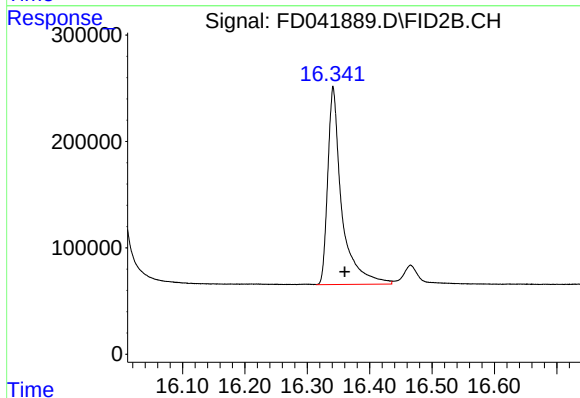
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.963 min
Delta R.T.: -0.011 min
Response: 3006271
Conc: 20.27 ug/ml m



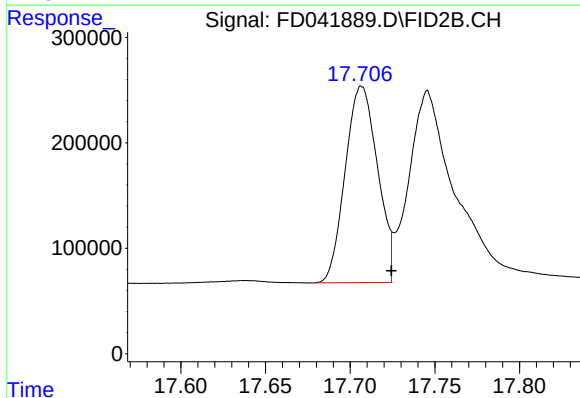
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.994 min
Delta R.T.: -0.012 min
Response: 3385332
Conc: 20.49 ug/ml m



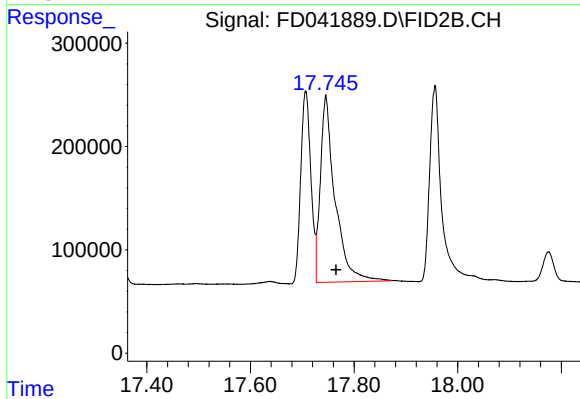
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.341 min
Delta R.T.: -0.019 min
Response: 2896427
Conc: 20.59 ug/ml m



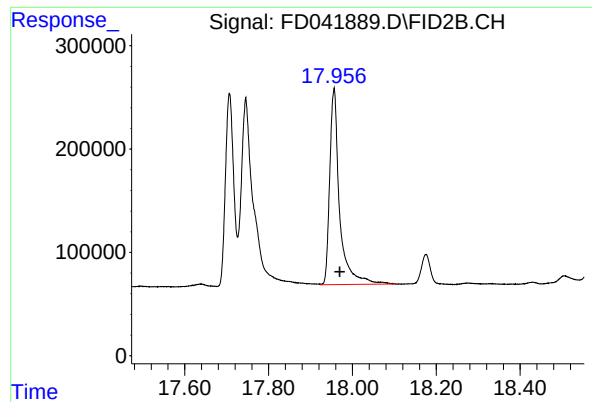
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.706 min
Delta R.T.: -0.019 min
Response: 2477820
Conc: 22.50 ug/ml m



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

R.T.: 17.745 min
Delta R.T.: -0.020 min
Response: 3542440
Conc: 24.47 ug/ml m



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

R.T.: 17.957 min
Delta R.T.: -0.013 min
Response: 3019923
Conc: 22.75 ug/ml