

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070220AR\
 Data File : FD033879.D
 Signal(s) : FID2B.CH
 Acq On : 03 Jul 2020 00:11
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 03 01:37:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:50:25 2020
 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...	7.564	2398920	21.704 ug/ml
Spiked Amount 50.000		Recovery =	43.41%
6) S 2-Fluorobiphenyl (SURR)	8.429	1584025	21.341 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.68%
11) S ortho-Terphenyl (SURR)	11.456	2719168	19.578 ug/ml
Spiked Amount 50.000		Recovery =	39.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.372	2818471	22.372 ug/ml
2) T Naphthalene (C11.7)	5.908	2768325	22.023 ug/ml
3) T 2-Methylnaphthalene (...)	6.957	2788538	21.858 ug/ml
5) T Acenaphthylene (C15.06)	8.229	2694707	20.917 ug/ml
7) T Acenaphthene (C15.5)	8.522	2807845	20.984 ug/ml
8) T Fluorene (C16.55)	9.303	2608304	20.754 ug/ml
9) T Phenanthrene (C19.36)	10.698	2539261	19.778 ug/ml
10) T Anthracene (C19.43)	10.774	2388211	18.895 ug/ml
12) T Fluoranthene (C21.85)	12.510	2467909	18.741 ug/ml
13) T Pyrene (C20.8)	12.806	2370990	18.461 ug/ml
14) T Benzo[a]anthracene (C...	14.681	2257722	19.012 ug/ml
15) T Chrysene (C27.41)	14.722	2417669	18.258 ug/ml
16) T benzo[b]fluoranthene ...	16.237	2302234	19.450 ug/ml
17) T Bnezo[k]fluoranthene ...	16.267	2368463	18.538 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	2259063	18.835 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.991	2266648	21.756 ug/ml
20) T Dibenz[a,h]anthracene...	18.022	2365767	19.298 ug/ml
21) T Benzo[g,h,i]perylene ...	18.245	2364887	20.994 ug/ml

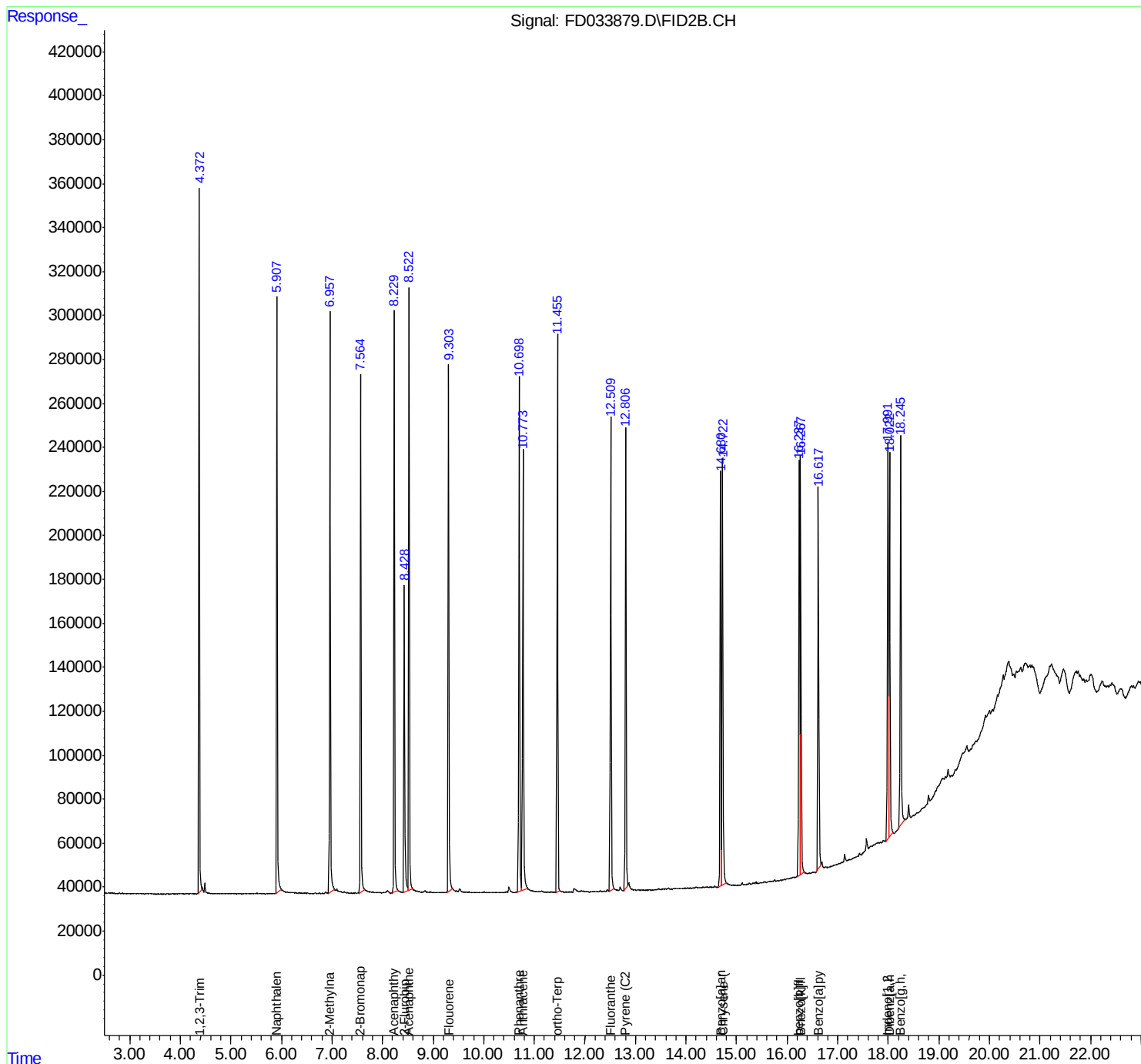
(f)=RT Delta > 1/2 Window

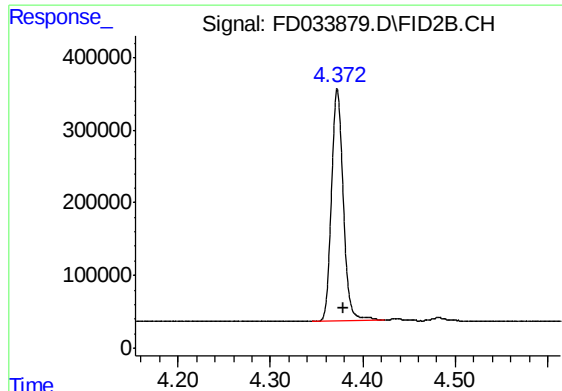
(m)=manual int.

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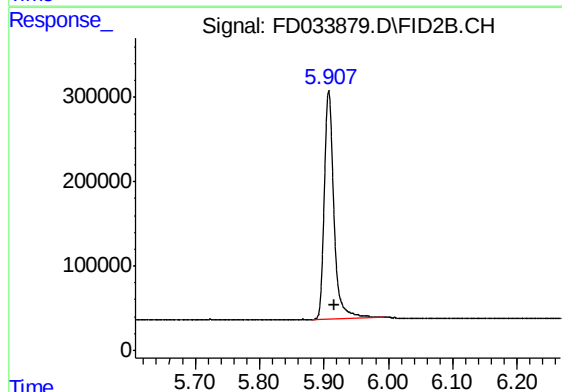
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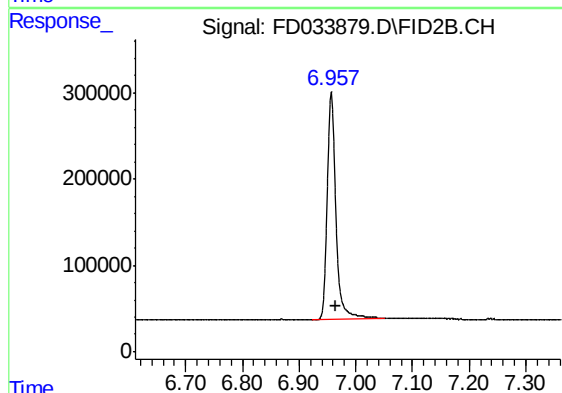
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.372 min
Delta R.T.: -0.007 min
Response: 2818471
Conc: 22.37 ug/ml



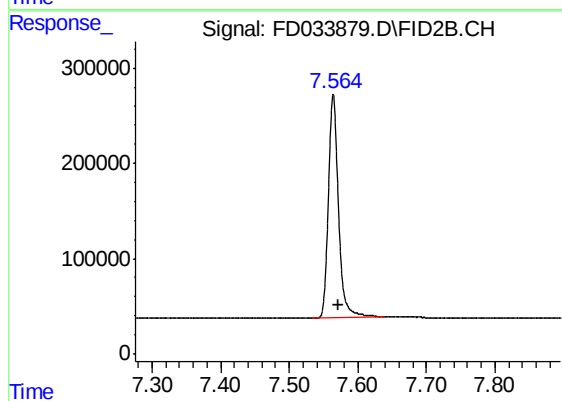
#2 Naphthalene (C11.7)

R.T.: 5.908 min
Delta R.T.: -0.009 min
Response: 2768325
Conc: 22.02 ug/ml



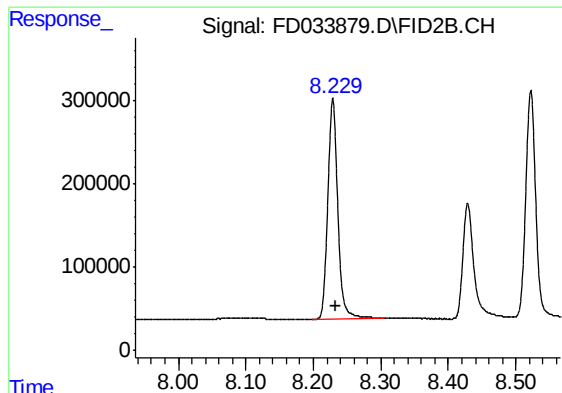
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.957 min
Delta R.T.: -0.008 min
Response: 2788538
Conc: 21.86 ug/ml



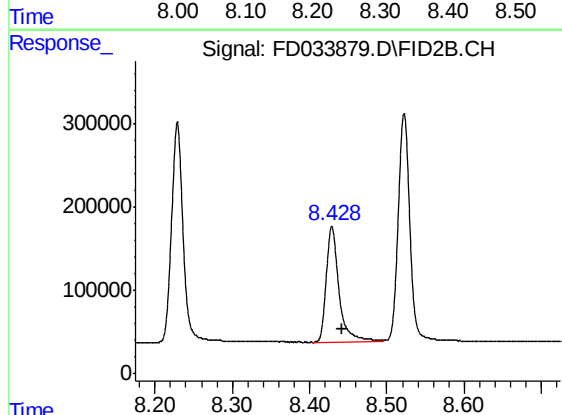
#4 2-Bromonaphthalene (SURR)

R.T.: 7.564 min
Delta R.T.: -0.008 min
Response: 2398920
Conc: 21.70 ug/ml



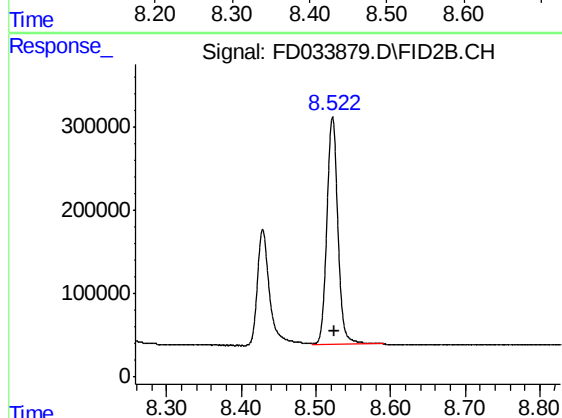
#5 Acenaphthylene (C15.06)

R.T.: 8.229 min
Delta R.T.: -0.005 min
Response: 2694707
Conc: 20.92 ug/ml



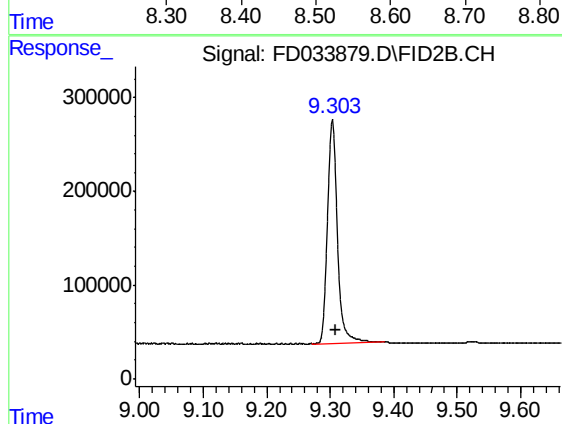
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min
Delta R.T.: -0.013 min
Response: 1584025
Conc: 21.34 ug/ml



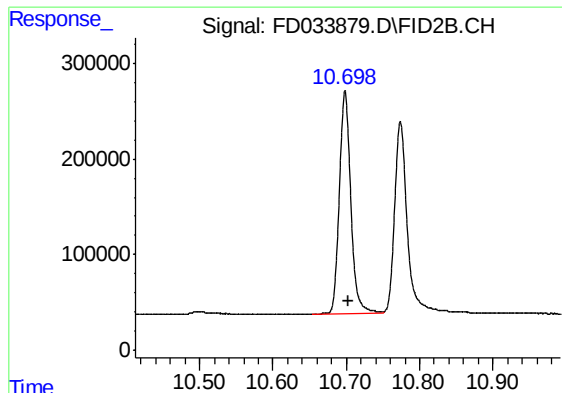
#7 Acenaphthene (C15.5)

R.T.: 8.522 min
Delta R.T.: -0.003 min
Response: 2807845
Conc: 20.98 ug/ml



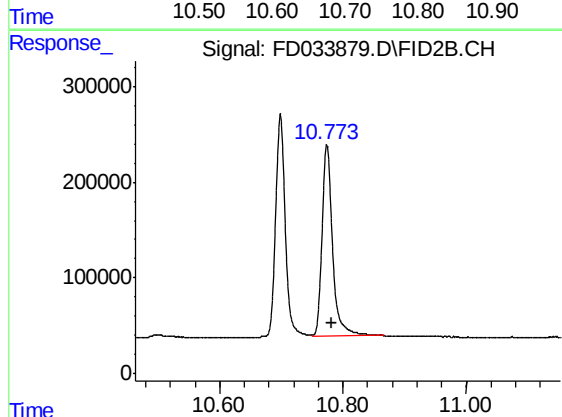
#8 Flouorene (C16.55)

R.T.: 9.303 min
Delta R.T.: -0.006 min
Response: 2608304
Conc: 20.75 ug/ml



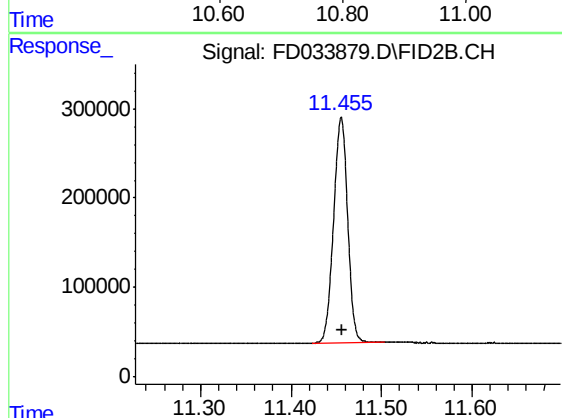
#9 Phenanthrene (C19.36)

R.T.: 10.698 min
Delta R.T.: -0.005 min
Response: 2539261
Conc: 19.78 ug/ml



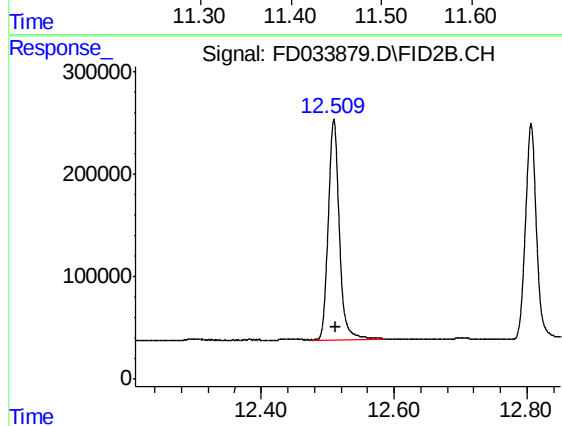
#10 Anthracene (C19.43)

R.T.: 10.774 min
Delta R.T.: -0.007 min
Response: 2388211
Conc: 18.90 ug/ml



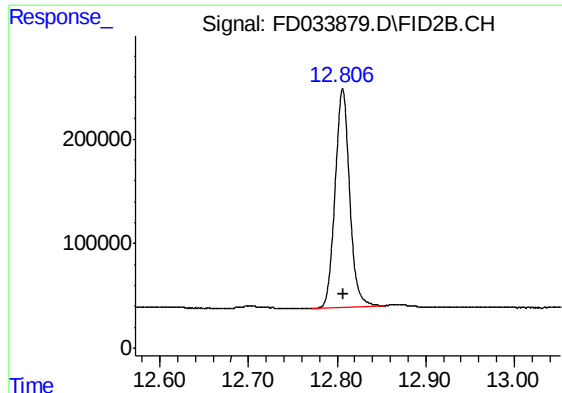
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: 0.000 min
Response: 2719168
Conc: 19.58 ug/ml



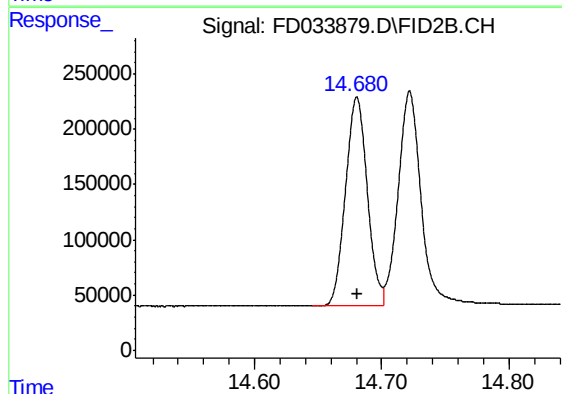
#12 Fluoranthene (C21.85)

R.T.: 12.510 min
Delta R.T.: -0.002 min
Response: 2467909
Conc: 18.74 ug/ml



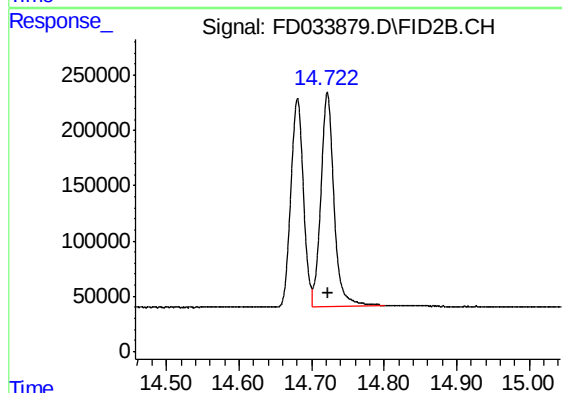
#13 Pyrene (C20.8)

R.T.: 12.806 min
Delta R.T.: 0.000 min
Response: 2370990
Conc: 18.46 ug/ml



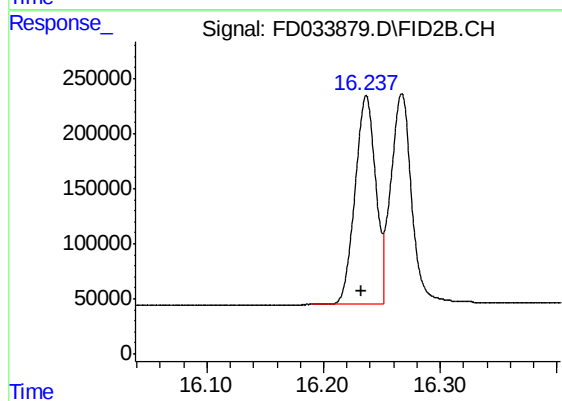
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.681 min
Delta R.T.: 0.000 min
Response: 2257722
Conc: 19.01 ug/ml



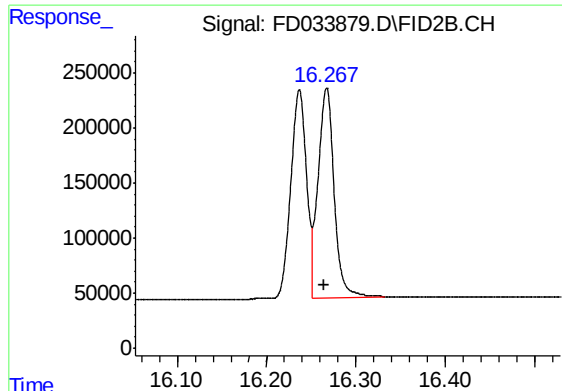
#15 Chrysene (C27.41)

R.T.: 14.722 min
Delta R.T.: 0.000 min
Response: 2417669
Conc: 18.26 ug/ml



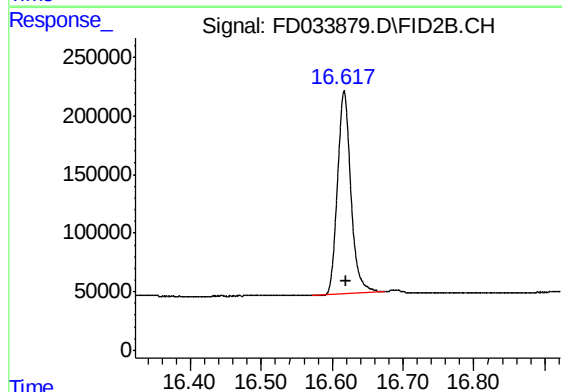
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.237 min
Delta R.T.: 0.005 min
Response: 2302234
Conc: 19.45 ug/ml



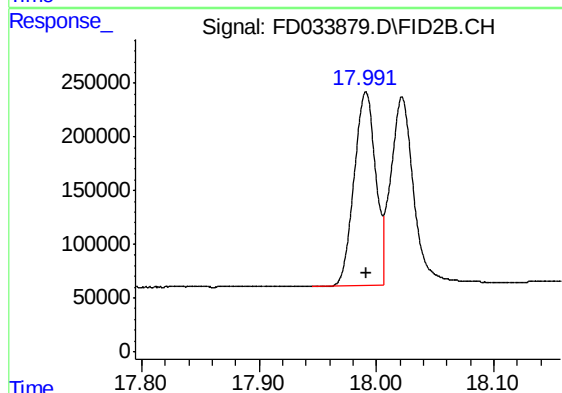
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.267 min
Delta R.T.: 0.003 min
Response: 2368463
Conc: 18.54 ug/ml



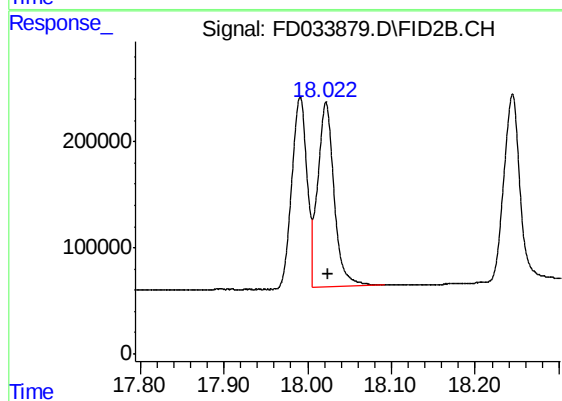
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: -0.003 min
Response: 2259063
Conc: 18.84 ug/ml



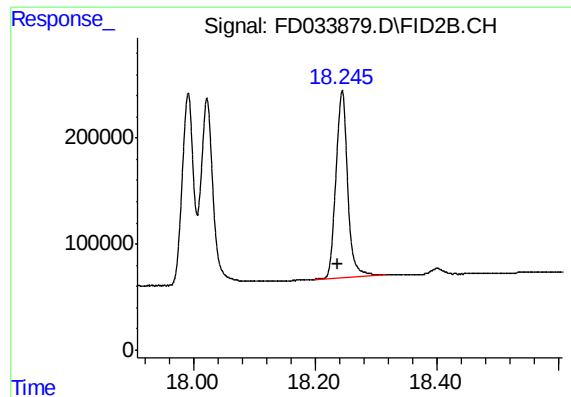
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min
Delta R.T.: 0.000 min
Response: 2266648
Conc: 21.76 ug/ml



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

R.T.: 18.022 min
Delta R.T.: -0.002 min
Response: 2365767
Conc: 19.30 ug/ml



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

R.T.: 18.245 min
Delta R.T.: 0.007 min
Response: 2364887
Conc: 20.99 ug/ml