

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD063020AR\
 Data File : FD033841.D
 Signal(s) : FID2B.CH
 Acq On : 30 Jun 2020 20:21
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 01 02:06:03 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...	7.561	2283970	20.664 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
6) S 2-Fluorobiphenyl (SURR)	8.425	1524187	20.535 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.07%
11) S ortho-Terphenyl (SURR)	11.450	2762035	19.887 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.371	2633670	20.905 ug/ml
2) T Naphthalene (C11.7)	5.905	2586526	20.577 ug/ml
3) T 2-Methylnaphthalene (...)	6.953	2636831	20.669 ug/ml
5) T Acenaphthylene (C15.06)	8.224	2632953	20.437 ug/ml
7) T Acenaphthene (C15.5)	8.518	2757249	20.606 ug/ml
8) T Fluorene (C16.55)	9.298	2548610	20.279 ug/ml
9) T Phenanthrene (C19.36)	10.693	2561598	19.952 ug/ml
10) T Anthracene (C19.43)	10.768	2432646	19.247 ug/ml
12) T Fluoranthene (C21.85)	12.502	2534488	19.247 ug/ml
13) T Pyrene (C20.8)	12.798	2425370	18.885 ug/ml
14) T Benzo[a]anthracene (C...	14.671	2194150	18.477 ug/ml
15) T Chrysene (C27.41)	14.713	2382771	17.994 ug/ml
16) T benzo[b]fluoranthene ...	16.226	2168898	18.323 ug/ml
17) T Bnezo[k]fluoranthene ...	16.256	2282996	17.869 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.606	2120357	17.679 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.978	1999600	19.192 ug/ml
20) T Dibenz[a,h]anthracene...	18.010	2292076	18.697 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	2179490	19.348 ug/ml

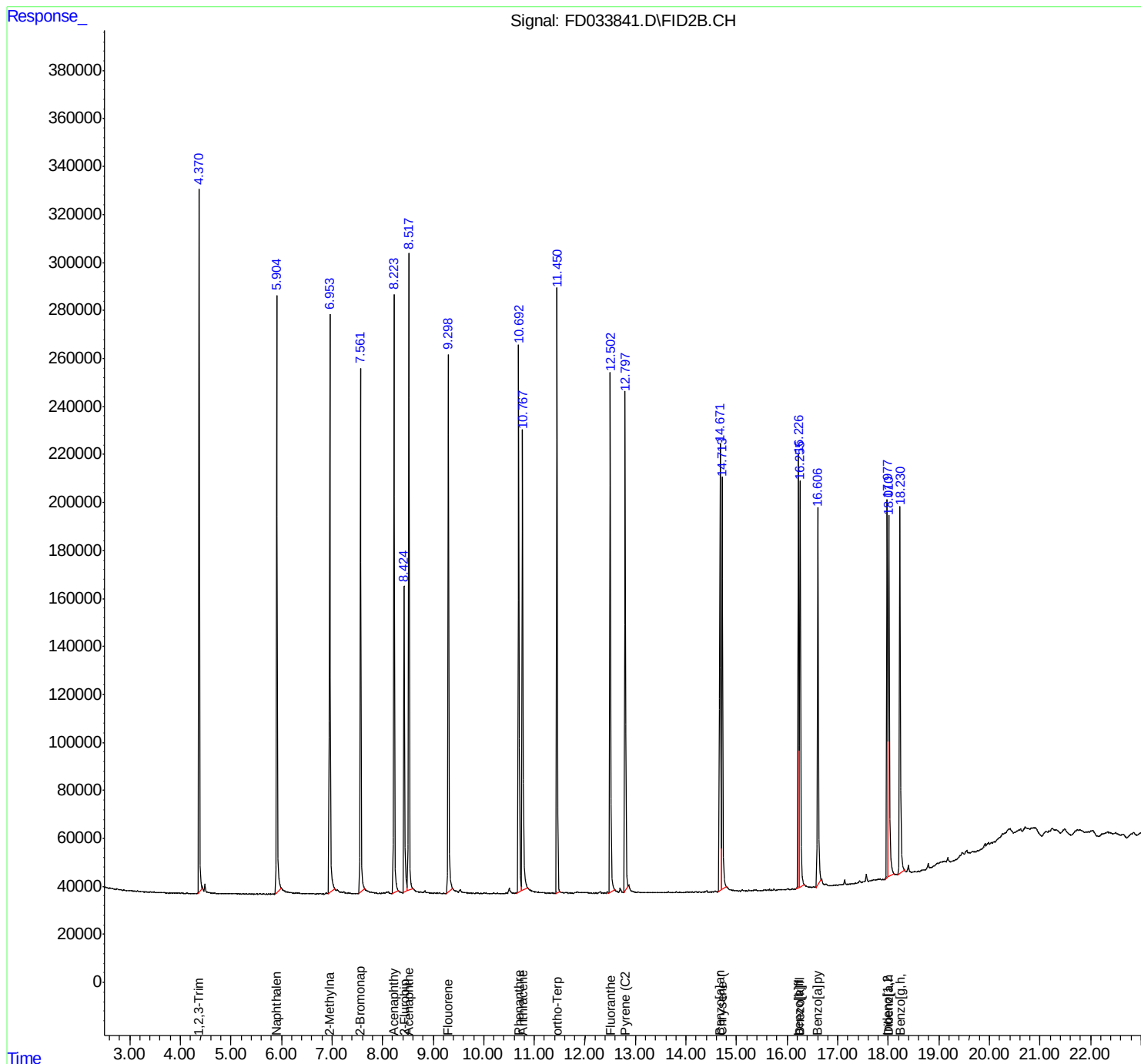
(f)=RT Delta > 1/2 Window

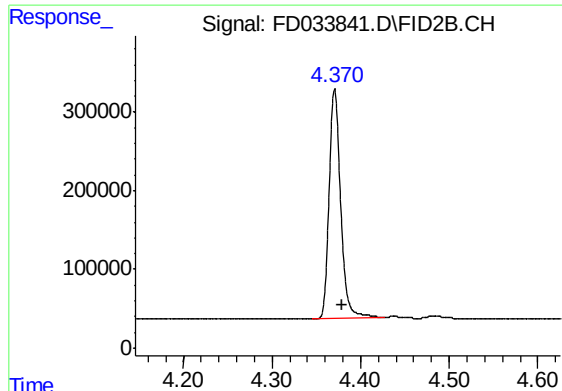
(m)=manual int.

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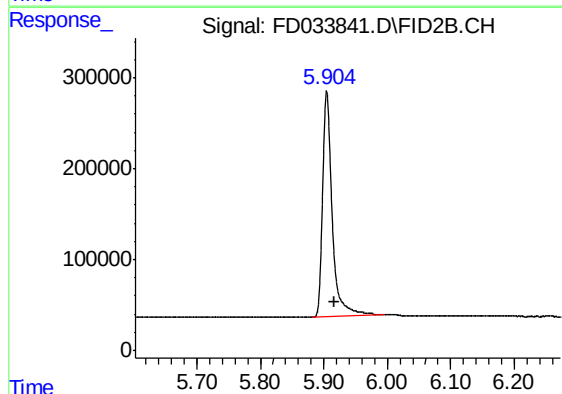
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





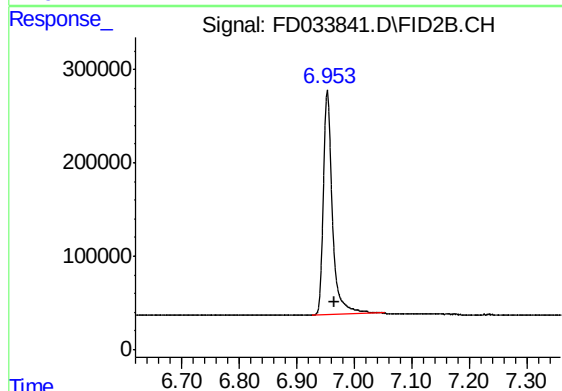
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.371 min
Delta R.T.: -0.008 min
Response: 2633670
Conc: 20.91 ug/ml



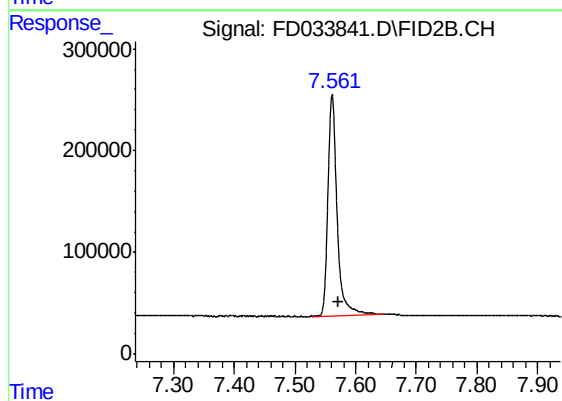
#2 Naphthalene (C11.7)

R.T.: 5.905 min
Delta R.T.: -0.012 min
Response: 2586526
Conc: 20.58 ug/ml



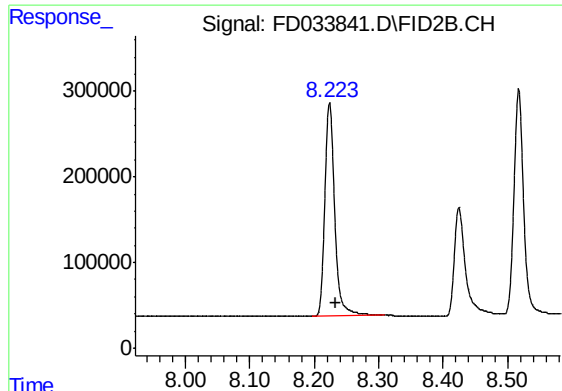
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.953 min
Delta R.T.: -0.012 min
Response: 2636831
Conc: 20.67 ug/ml



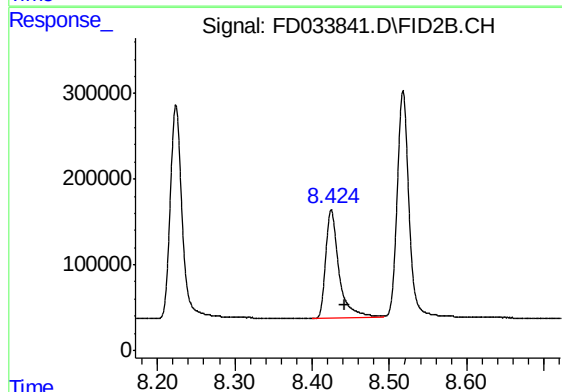
#4 2-Bromonaphthalene (SURR)

R.T.: 7.561 min
Delta R.T.: -0.011 min
Response: 2283970
Conc: 20.66 ug/ml



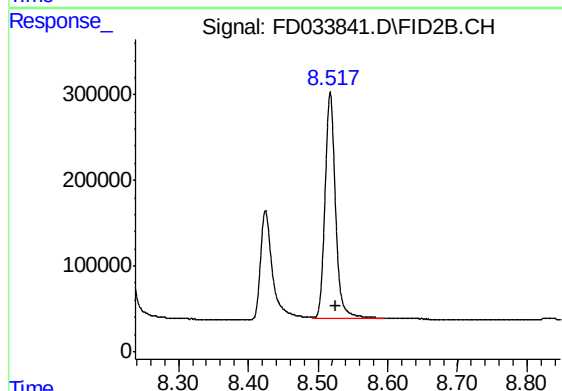
#5 Acenaphthylene (C15.06)

R.T.: 8.224 min
Delta R.T.: -0.010 min
Response: 2632953
Conc: 20.44 ug/ml



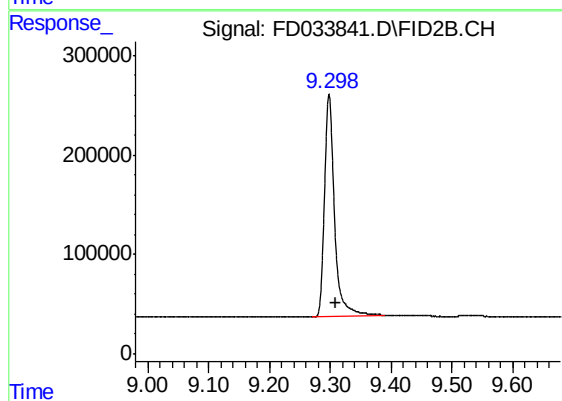
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.425 min
Delta R.T.: -0.017 min
Response: 1524187
Conc: 20.53 ug/ml



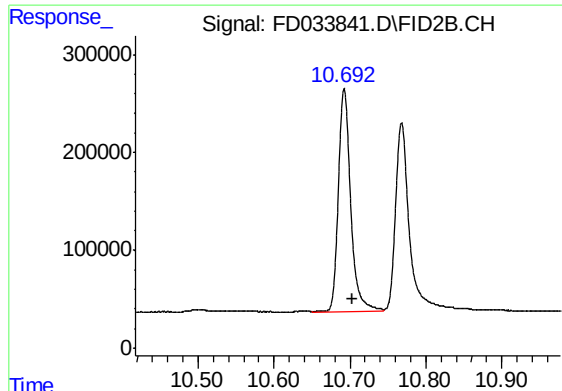
#7 Acenaphthene (C15.5)

R.T.: 8.518 min
Delta R.T.: -0.007 min
Response: 2757249
Conc: 20.61 ug/ml



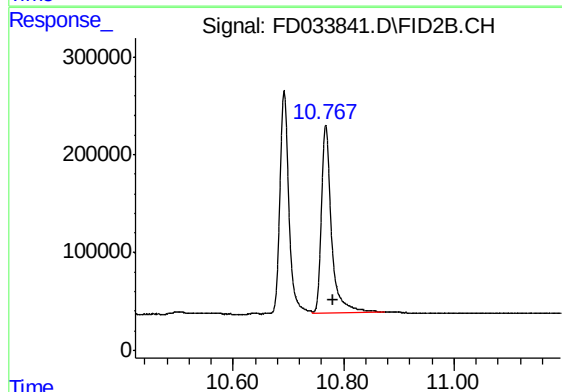
#8 Flouorene (C16.55)

R.T.: 9.298 min
Delta R.T.: -0.011 min
Response: 2548610
Conc: 20.28 ug/ml



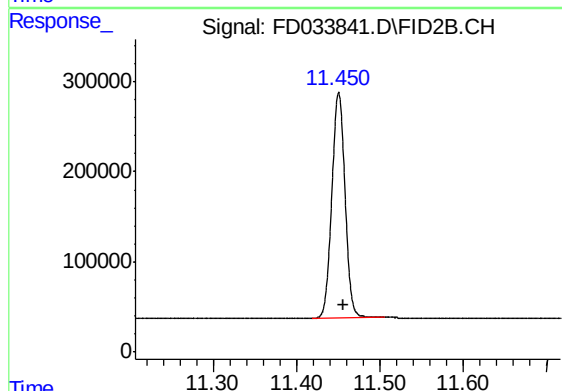
#9 Phenanthrene (C19.36)

R.T.: 10.693 min
Delta R.T.: -0.011 min
Response: 2561598
Conc: 19.95 ug/ml



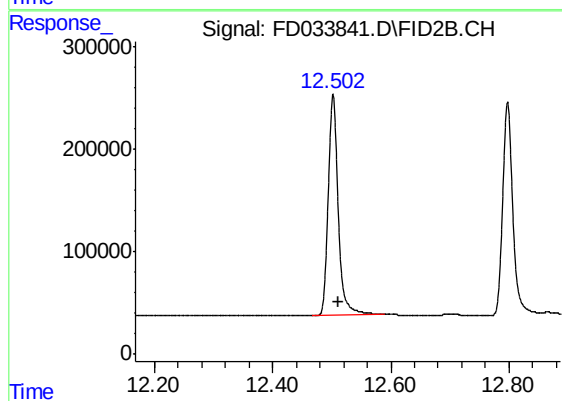
#10 Anthracene (C19.43)

R.T.: 10.768 min
Delta R.T.: -0.013 min
Response: 2432646
Conc: 19.25 ug/ml



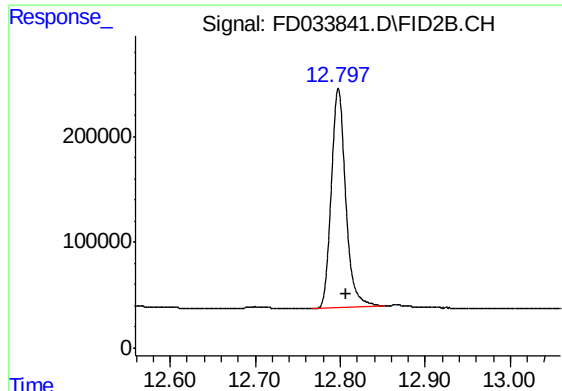
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.006 min
Response: 2762035
Conc: 19.89 ug/ml



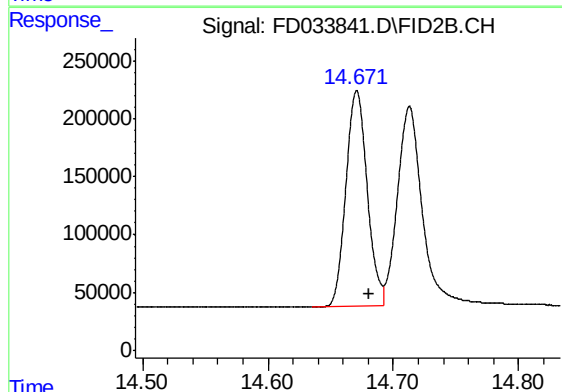
#12 Fluoranthene (C21.85)

R.T.: 12.502 min
Delta R.T.: -0.010 min
Response: 2534488
Conc: 19.25 ug/ml



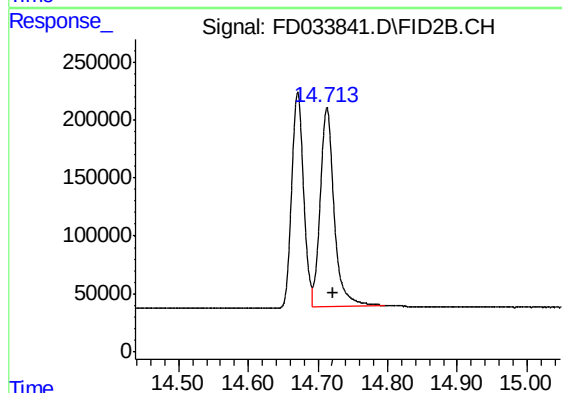
#13 Pyrene (C20.8)

R.T.: 12.798 min
Delta R.T.: -0.009 min
Response: 2425370
Conc: 18.88 ug/ml



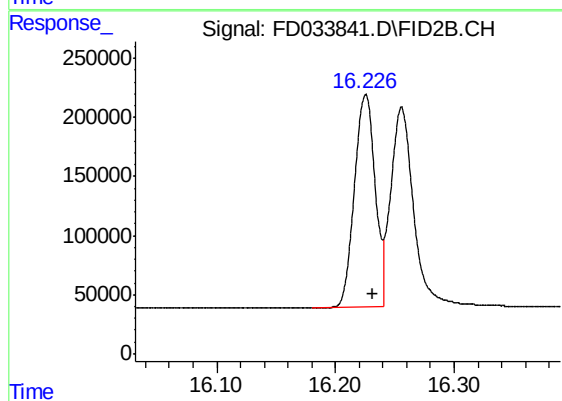
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.671 min
Delta R.T.: -0.010 min
Response: 2194150
Conc: 18.48 ug/ml



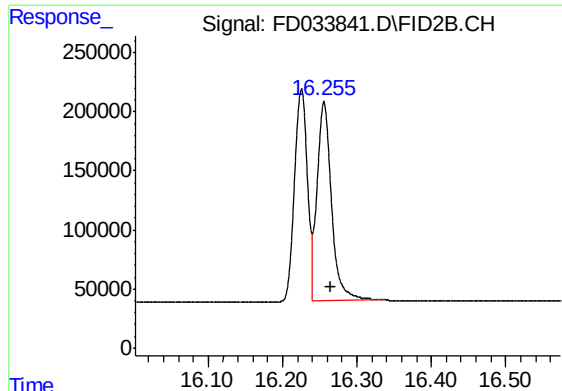
#15 Chrysene (C27.41)

R.T.: 14.713 min
Delta R.T.: -0.009 min
Response: 2382771
Conc: 17.99 ug/ml



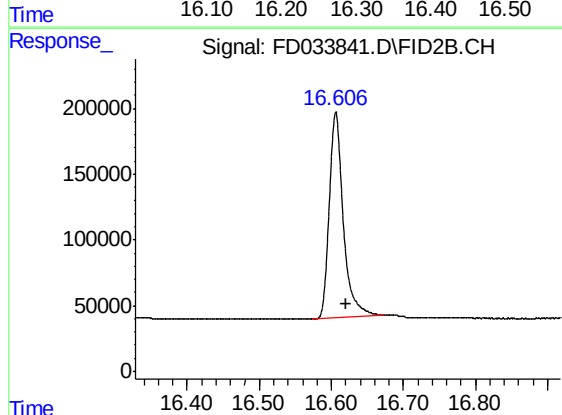
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.226 min
Delta R.T.: -0.006 min
Response: 2168898
Conc: 18.32 ug/ml



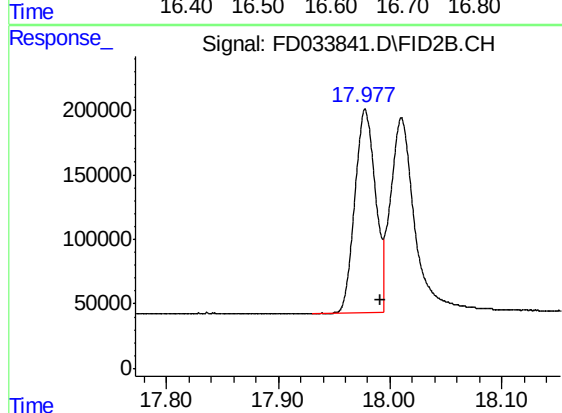
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.256 min
Delta R.T.: -0.008 min
Response: 2282996
Conc: 17.87 ug/ml



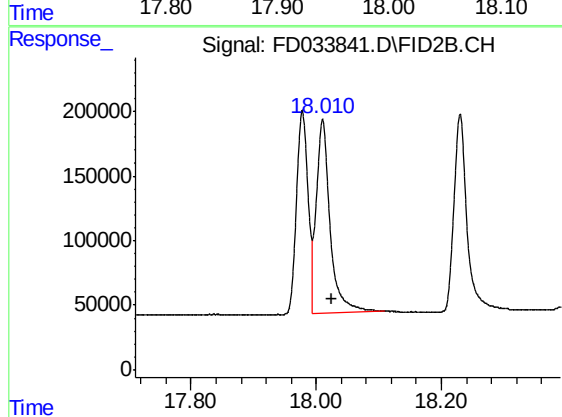
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.606 min
Delta R.T.: -0.013 min
Response: 2120357
Conc: 17.68 ug/ml



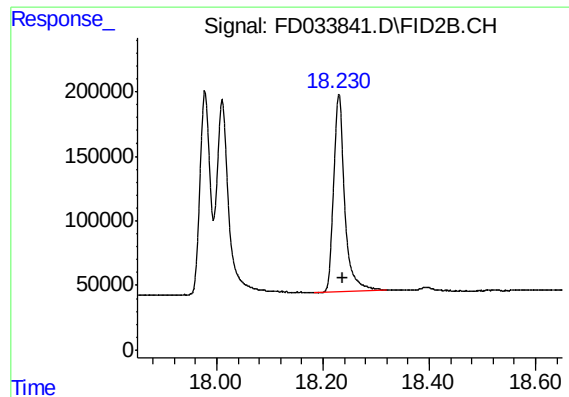
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.978 min
Delta R.T.: -0.013 min
Response: 1999600
Conc: 19.19 ug/ml



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

R.T.: 18.010 min
Delta R.T.: -0.014 min
Response: 2292076
Conc: 18.70 ug/ml



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

R.T.: 18.230 min
Delta R.T.: -0.007 min
Response: 2179490
Conc: 19.35 ug/ml