

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061820AR\
 Data File : FD033720.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jun 2020 6:10
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 19 06:39:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 06:33:10 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...	7.569	1103644	10.075 ug/ml
Spiked Amount 50.000		Recovery =	20.15%
6) S 2-Fluorobiphenyl (SURR)	8.434	725422	9.800 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.60%
11) S ortho-Terphenyl (SURR)	11.456	1448950	10.666 ug/ml
Spiked Amount 50.000		Recovery =	21.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.378	1292053	10.455 ug/ml
2) T Naphthalene (C11.7)	5.913	1247085	10.007 ug/ml
3) T 2-Methylnaphthalene (...)	6.961	1276252	10.077 ug/ml
5) T Acenaphthylene (C15.06)	8.231	1324468	10.419 ug/ml
7) T Acenaphthene (C15.5)	8.524	1396394	10.579 ug/ml
8) T Fluorene (C16.55)	9.306	1255757	10.106 ug/ml
9) T Phenanthrene (C19.36)	10.699	1315296	10.313 ug/ml
10) T Anthracene (C19.43)	10.775	1279527	10.225 ug/ml
12) T Fluoranthene (C21.85)	12.508	1347659	10.355 ug/ml
13) T Pyrene (C20.8)	12.804	1316277	10.465 ug/ml
14) T Benzo[a]anthracene (C...	14.676	1172423	9.853 ug/ml
15) T Chrysene (C27.41)	14.717	1398695	10.792 ug/ml
16) T benzo[b]fluoranthene ...	16.227	1183063	10.030 ug/ml
17) T Bnezo[k]fluoranthene ...	16.258	1348513	10.801 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.612	1209677	10.188 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.982	967709	9.462 ug/ml
20) T Dibenz[a,h]anthracene...	18.015	1302018	10.502 ug/ml
21) T Benzo[g,h,i]perylene ...	18.231	1136255	10.094 ug/ml

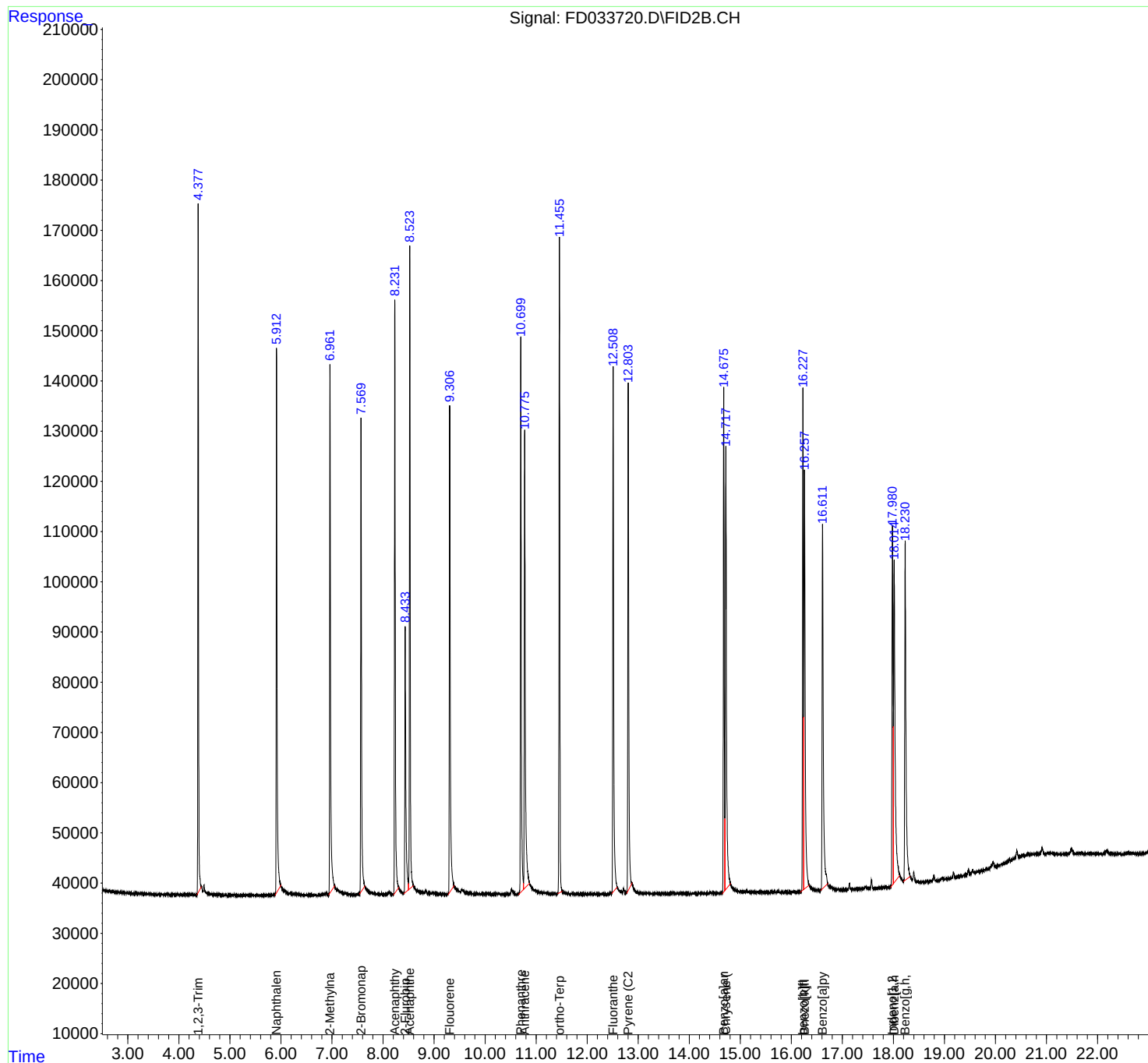
(f)=RT Delta > 1/2 Window

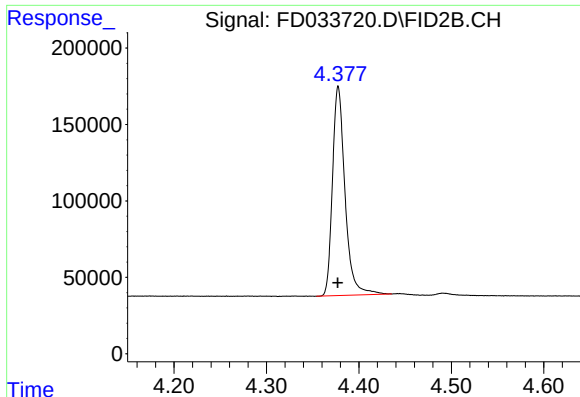
(m)=manual int.

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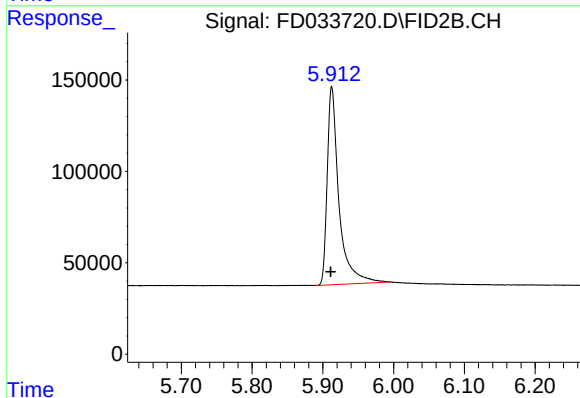
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Signal Info : 20M x 0.18mm x 0.18µm





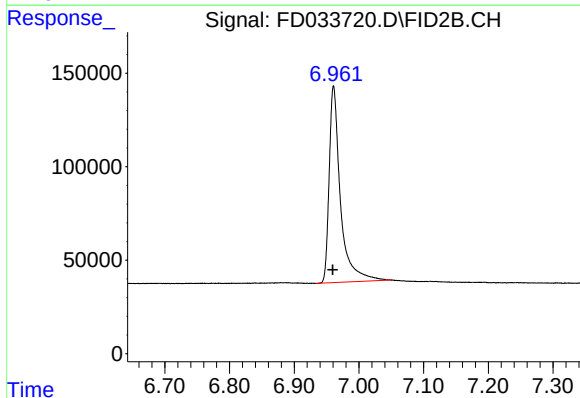
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.378 min
Delta R.T.: 0.000 min
Response: 1292053
Conc: 10.45 ug/ml



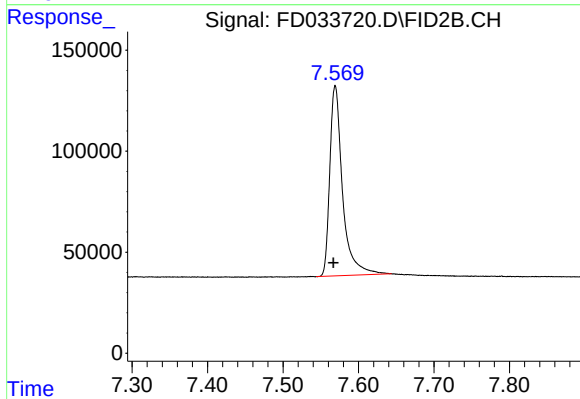
#2 Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: 0.002 min
Response: 1247085
Conc: 10.01 ug/ml



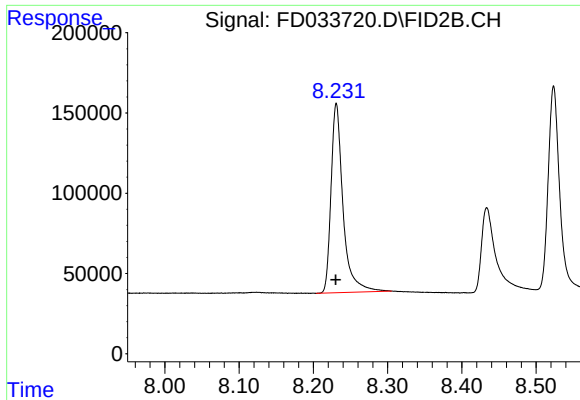
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.961 min
Delta R.T.: 0.001 min
Response: 1276252
Conc: 10.08 ug/ml



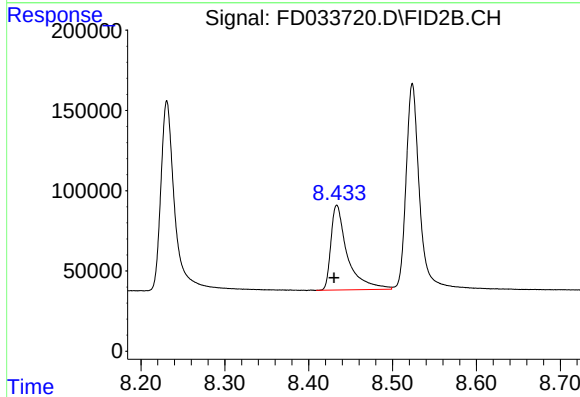
#4 2-Bromonaphthalene (SURR)

R.T.: 7.569 min
Delta R.T.: 0.002 min
Response: 1103644
Conc: 10.08 ug/ml



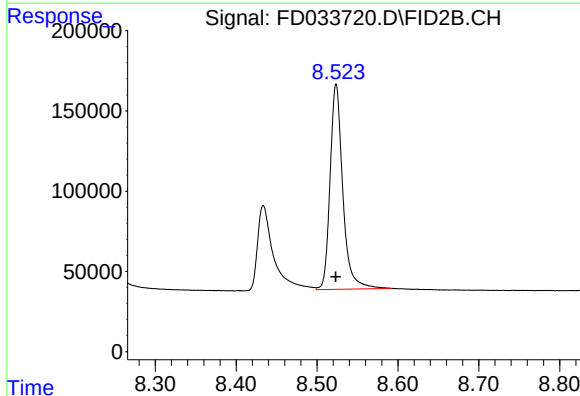
#5 Acenaphthylene (C15.06)

R.T.: 8.231 min
Delta R.T.: 0.001 min
Response: 1324468
Conc: 10.42 ug/ml



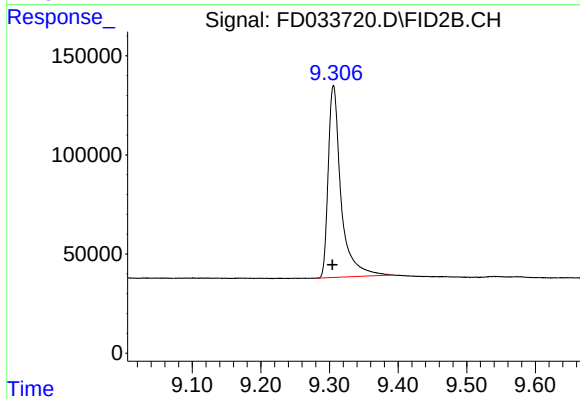
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.434 min
Delta R.T.: 0.003 min
Response: 725422
Conc: 9.80 ug/ml



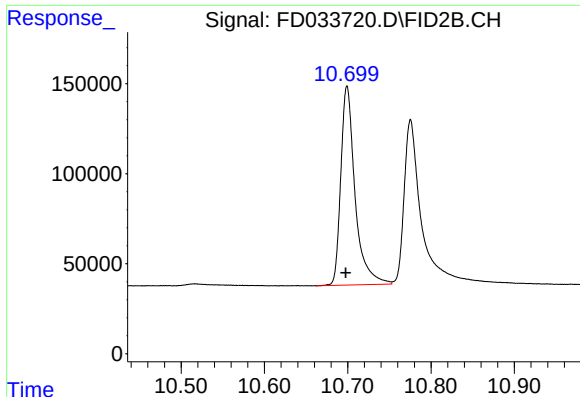
#7 Acenaphthene (C15.5)

R.T.: 8.524 min
Delta R.T.: 0.000 min
Response: 1396394
Conc: 10.58 ug/ml



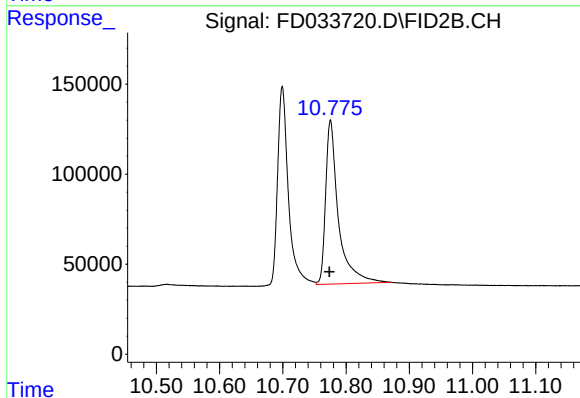
#8 Fluorene (C16.55)

R.T.: 9.306 min
Delta R.T.: 0.002 min
Response: 1255757
Conc: 10.11 ug/ml



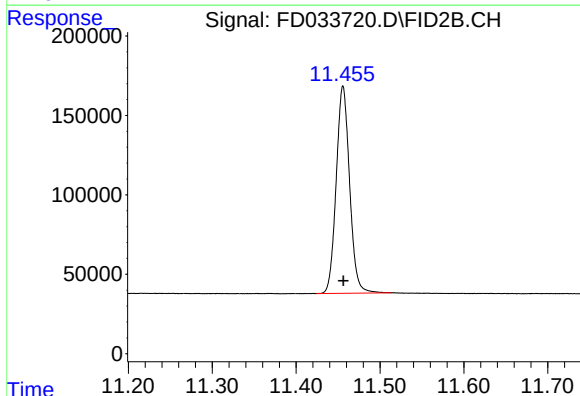
#9 Phenanthrene (C19.36)

R.T.: 10.699 min
Delta R.T.: 0.002 min
Response: 1315296
Conc: 10.31 ug/ml



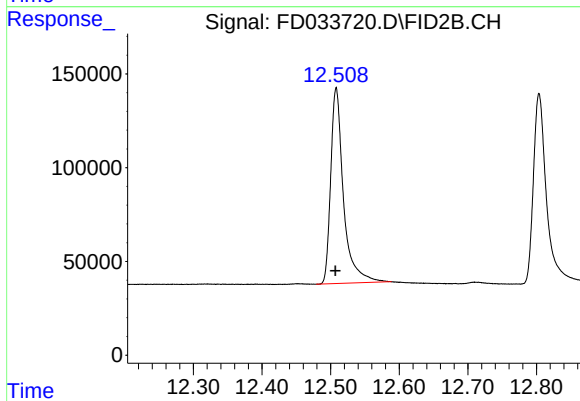
#10 Anthracene (C19.43)

R.T.: 10.775 min
Delta R.T.: 0.002 min
Response: 1279527
Conc: 10.23 ug/ml



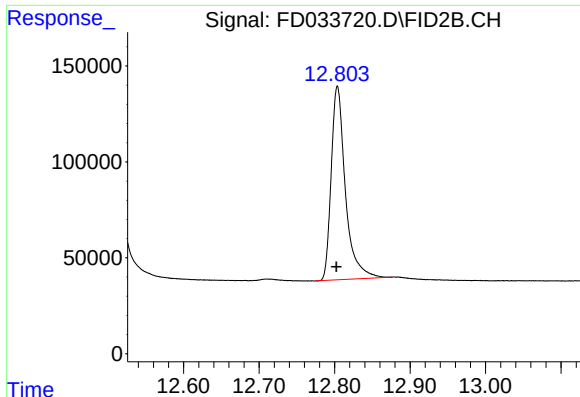
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: 0.000 min
Response: 1448950
Conc: 10.67 ug/ml



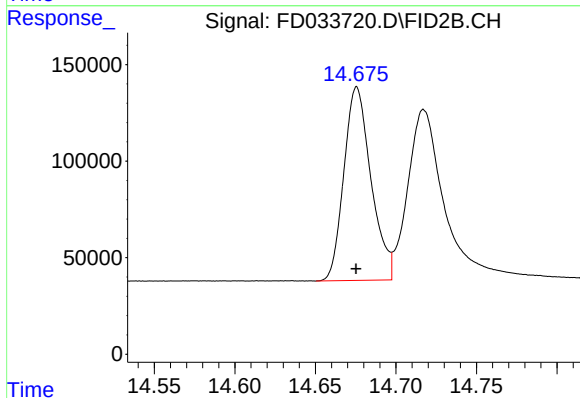
#12 Fluoranthene (C21.85)

R.T.: 12.508 min
Delta R.T.: 0.001 min
Response: 1347659
Conc: 10.35 ug/ml



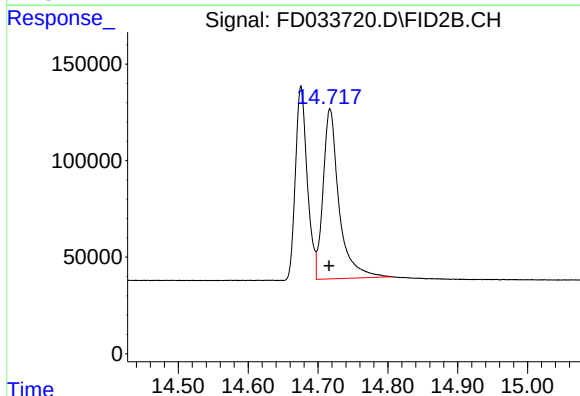
#13 Pyrene (C20.8)

R.T.: 12.804 min
Delta R.T.: 0.001 min
Response: 1316277
Conc: 10.46 ug/ml



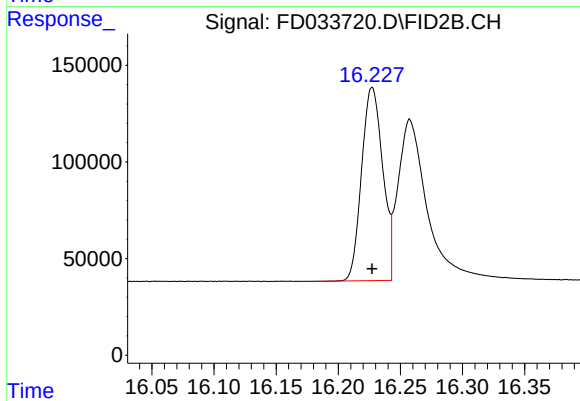
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.676 min
Delta R.T.: 0.000 min
Response: 1172423
Conc: 9.85 ug/ml



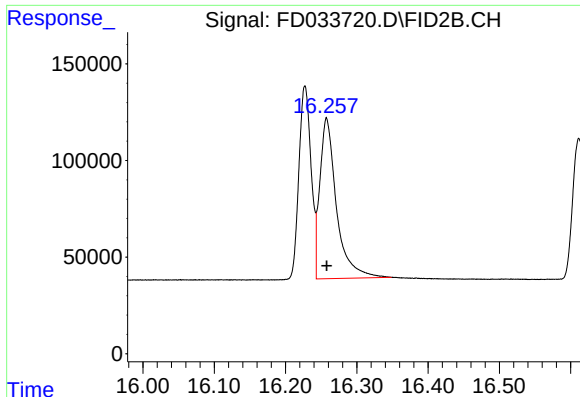
#15 Chrysene (C27.41)

R.T.: 14.717 min
Delta R.T.: 0.001 min
Response: 1398695
Conc: 10.79 ug/ml



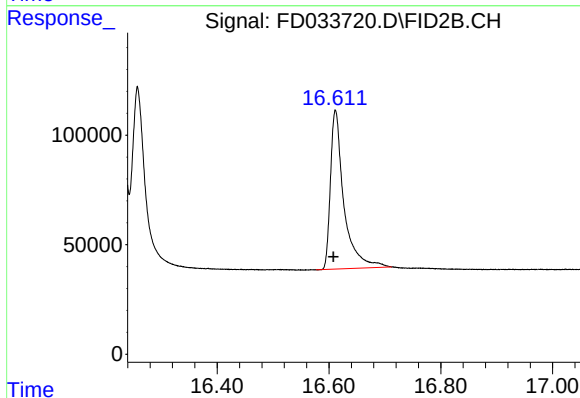
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.227 min
Delta R.T.: 0.000 min
Response: 1183063
Conc: 10.03 ug/ml



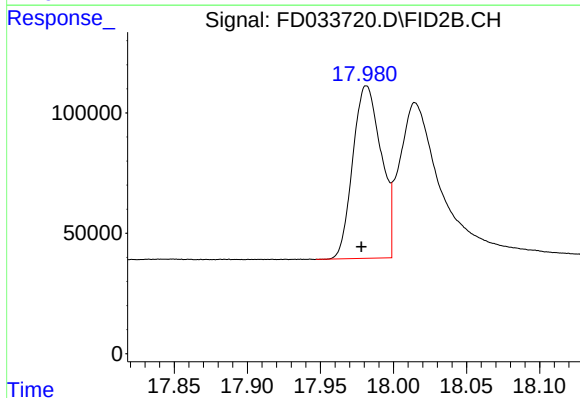
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.258 min
Delta R.T.: 0.000 min
Response: 1348513
Conc: 10.80 ug/ml



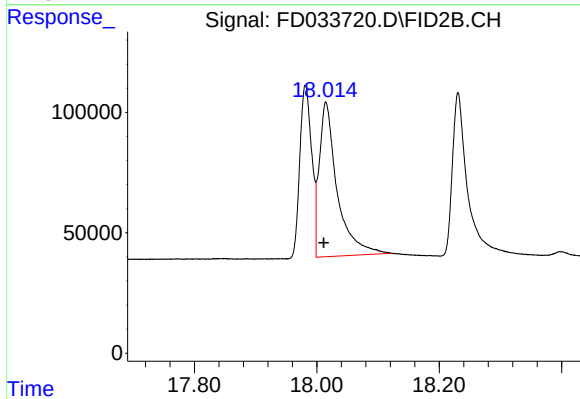
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.612 min
Delta R.T.: 0.004 min
Response: 1209677
Conc: 10.19 ug/ml



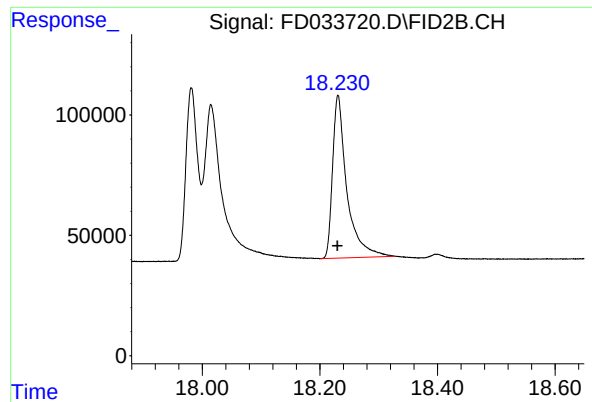
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.982 min
Delta R.T.: 0.003 min
Response: 967709
Conc: 9.46 ug/ml



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

R.T.: 18.015 min
Delta R.T.: 0.003 min
Response: 1302018
Conc: 10.50 ug/ml



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

R.T.: 18.231 min
Delta R.T.: 0.001 min
Response: 1136255
Conc: 10.09 ug/ml