

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101419AR\
 Data File : FD030990.D
 Signal(s) : FID2B.CH
 Acq On : 14 Oct 2019 21:40
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 03:34:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:27:52 2019
 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...	7.556	4836272	48.447 ug/ml
Spiked Amount 50.000		Recovery =	96.89%
6) S 2-Fluorobiphenyl (SURR)	8.416	3306998	49.448 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.90%
11) S ortho-Terphenyl (SURR)	11.443	5277149	47.116 ug/ml
Spiked Amount 50.000		Recovery =	94.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	4940311	48.077 ug/ml
2) T Naphthalene (C11.7)	5.898	5247847	49.112 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	5264799	48.944 ug/ml
5) T Acenaphthylene (C15.06)	8.218	5154132	48.227 ug/ml
7) T Acenaphthene (C15.5)	8.513	5391311	48.080 ug/ml
8) T Fluorene (C16.55)	9.292	5297269	48.805 ug/ml
9) T Phenanthrene (C19.36)	10.684	5320695	48.813 ug/ml
10) T Anthracene (C19.43)	10.758	5290376	48.309 ug/ml
12) T Fluoranthene (C21.85)	12.488	5338593	48.432 ug/ml
13) T Pyrene (C20.8)	12.784	5194461	46.445 ug/ml
14) T Benzo[a]anthracene (C...	14.650	5035433	49.438 ug/ml
15) T Chrysene (C27.41)	14.694	5215436	46.746 ug/ml
16) T benzo[b]fluoranthene ...	16.198	5014730	49.141 ug/ml
17) T Bnezo[k]fluoranthene ...	16.233	5127263	46.555 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.576	4924182	47.063 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.942	4828507	51.976 ug/ml
20) T Dibenz[a,h]anthracene...	17.976	4890579	45.188 ug/ml
21) T Benzo[g,h,i]perylene ...	18.194	4794971	48.739 ug/ml

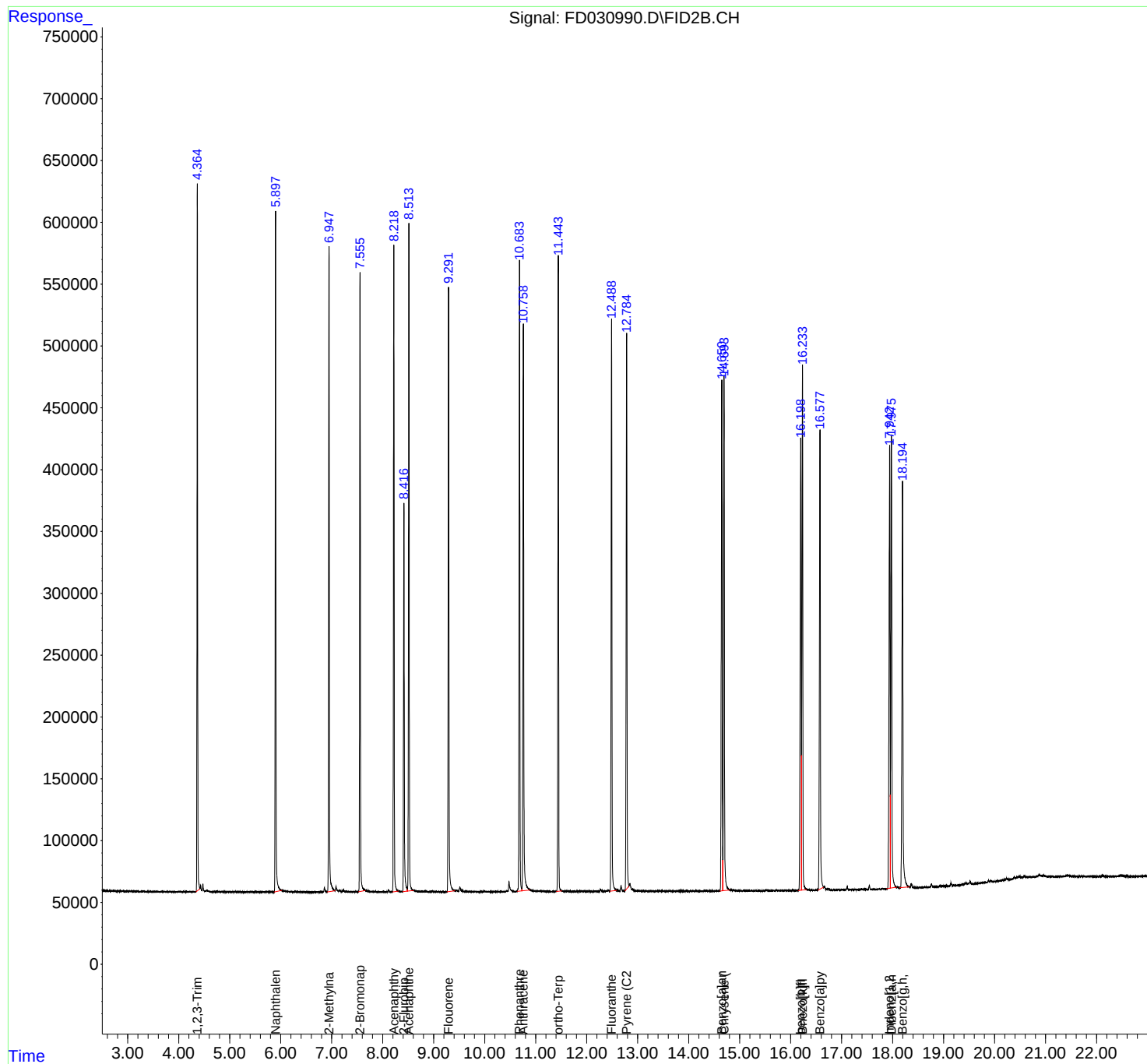
(f)=RT Delta > 1/2 Window

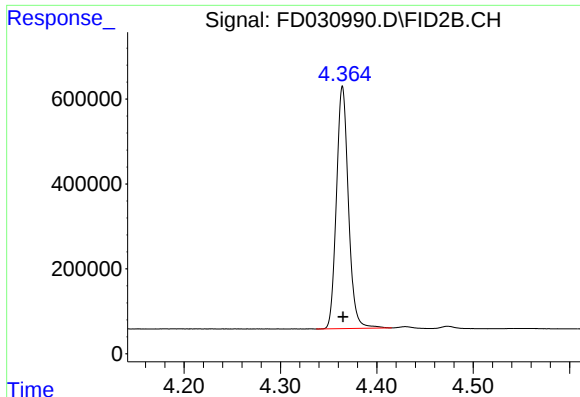
(m)=manual int.

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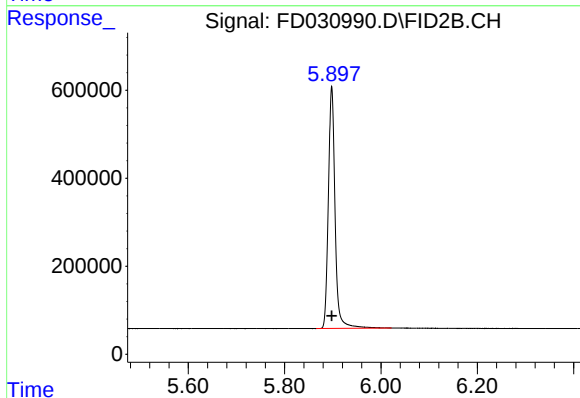
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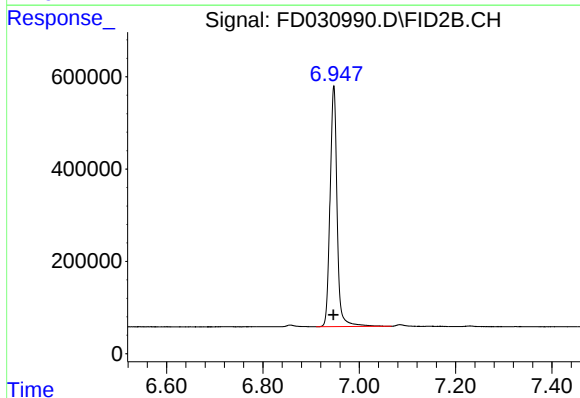
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 4940311
Conc: 48.08 ug/ml



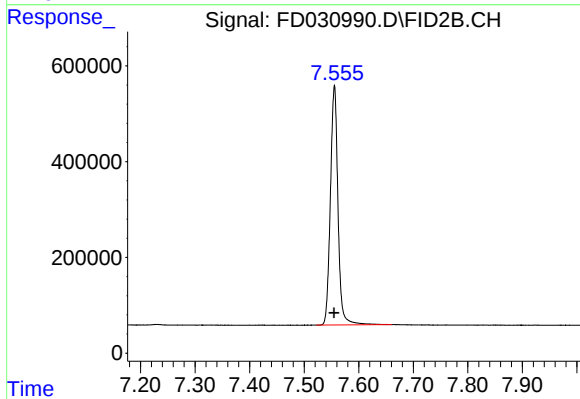
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 5247847
Conc: 49.11 ug/ml



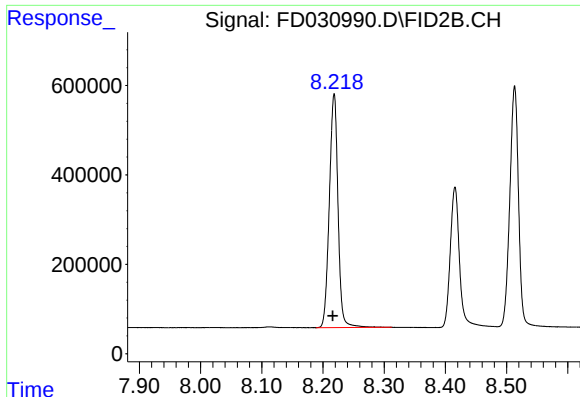
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 5264799
Conc: 48.94 ug/ml



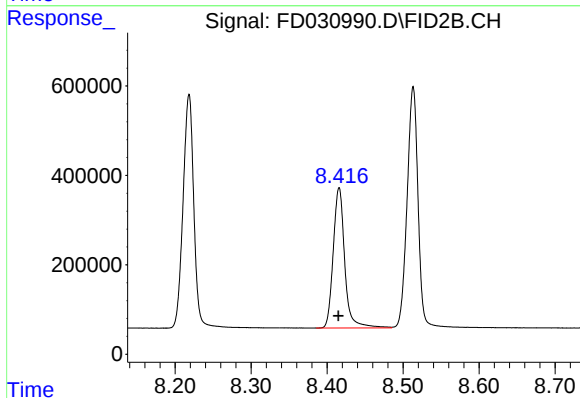
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: 0.000 min
Response: 4836272
Conc: 48.45 ug/ml



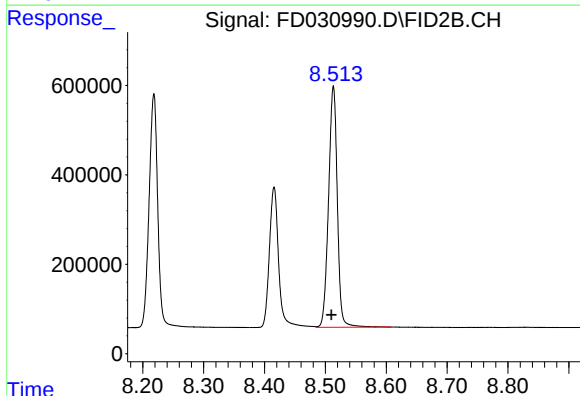
#5 Acenaphthylene (C15.06)

R.T.: 8.218 min
Delta R.T.: 0.003 min
Response: 5154132
Conc: 48.23 ug/ml



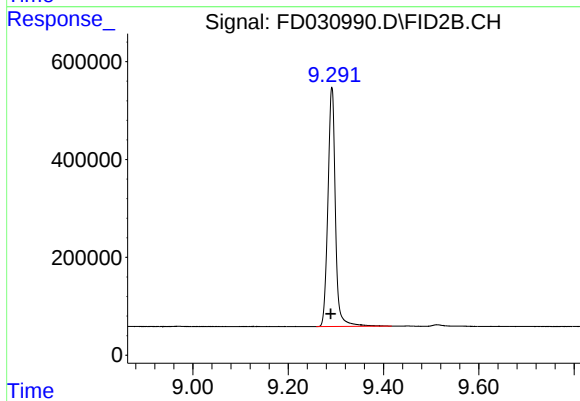
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.416 min
Delta R.T.: 0.000 min
Response: 3306998
Conc: 49.45 ug/ml



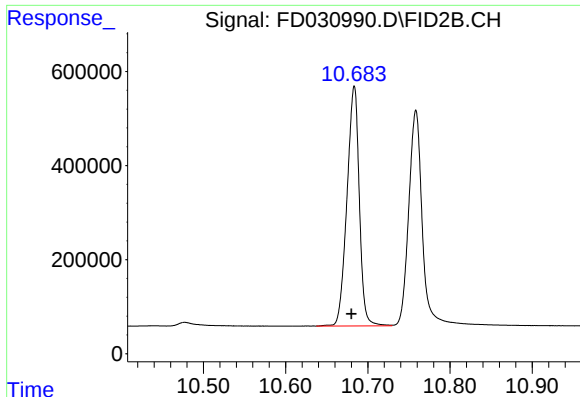
#7 Acenaphthene (C15.5)

R.T.: 8.513 min
Delta R.T.: 0.004 min
Response: 5391311
Conc: 48.08 ug/ml



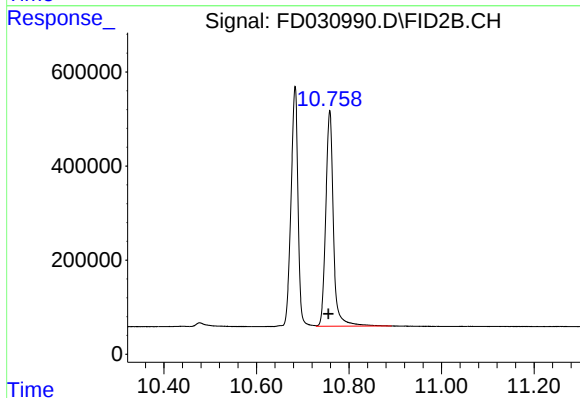
#8 Fluorene (C16.55)

R.T.: 9.292 min
Delta R.T.: 0.003 min
Response: 5297269
Conc: 48.80 ug/ml



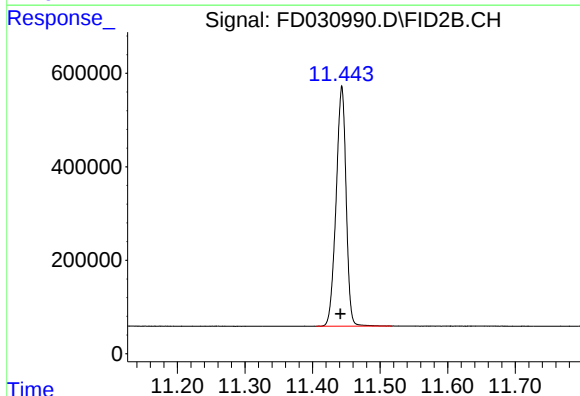
#9 Phenanthrene (C19.36)

R.T.: 10.684 min
Delta R.T.: 0.004 min
Response: 5320695
Conc: 48.81 ug/ml



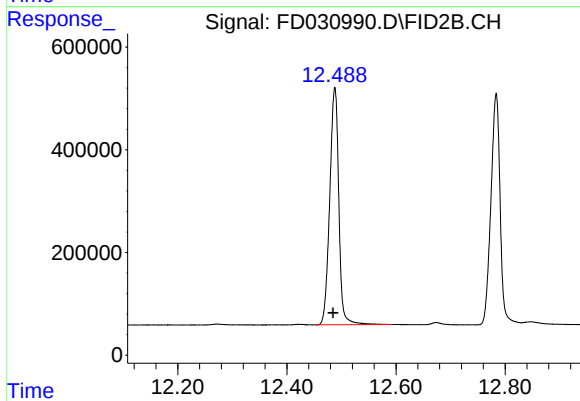
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: 0.003 min
Response: 5290376
Conc: 48.31 ug/ml



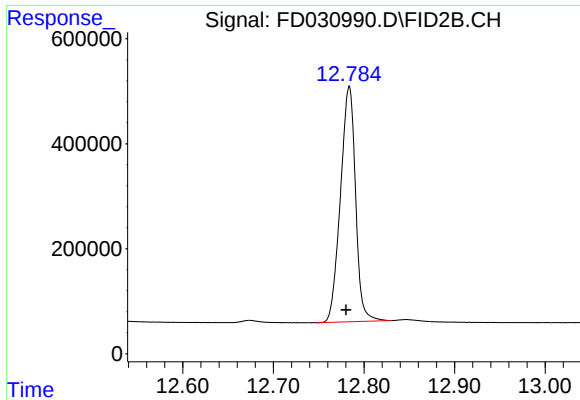
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: 0.002 min
Response: 5277149
Conc: 47.12 ug/ml



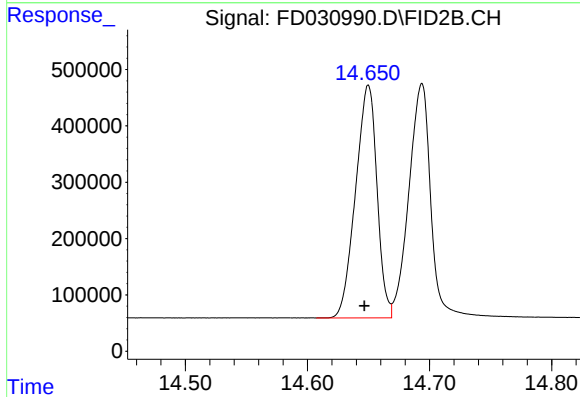
#12 Fluoranthene (C21.85)

R.T.: 12.488 min
Delta R.T.: 0.003 min
Response: 5338593
Conc: 48.43 ug/ml



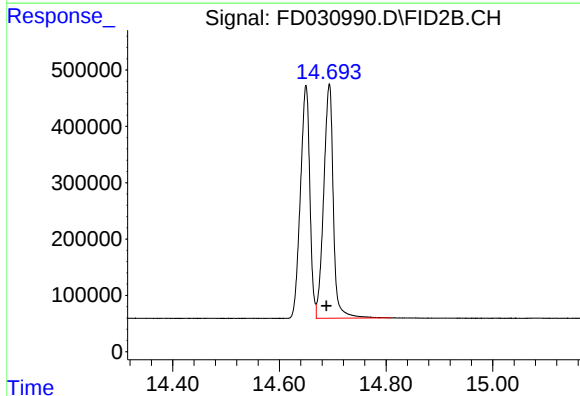
#13 Pyrene (C20.8)

R.T.: 12.784 min
Delta R.T.: 0.004 min
Response: 5194461
Conc: 46.44 ug/ml



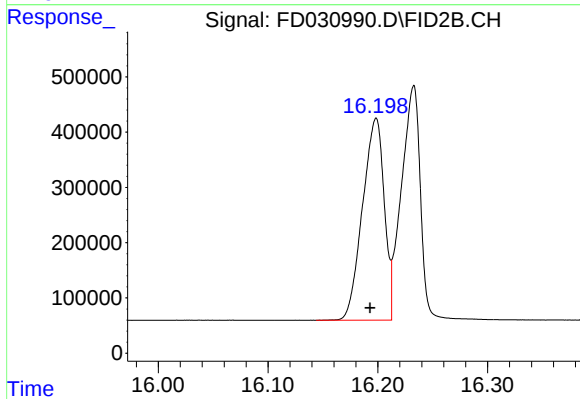
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: 0.003 min
Response: 5035433
Conc: 49.44 ug/ml



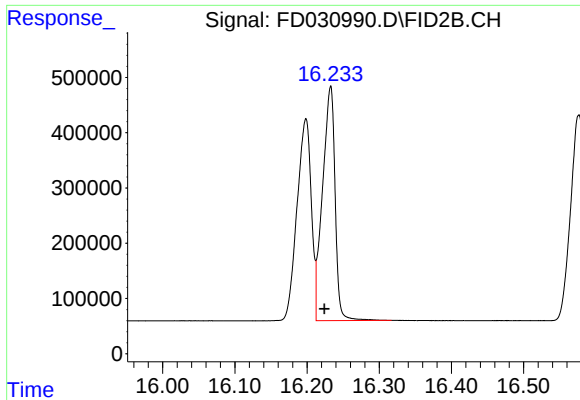
#15 Chrysene (C27.41)

R.T.: 14.694 min
Delta R.T.: 0.005 min
Response: 5215436
Conc: 46.75 ug/ml



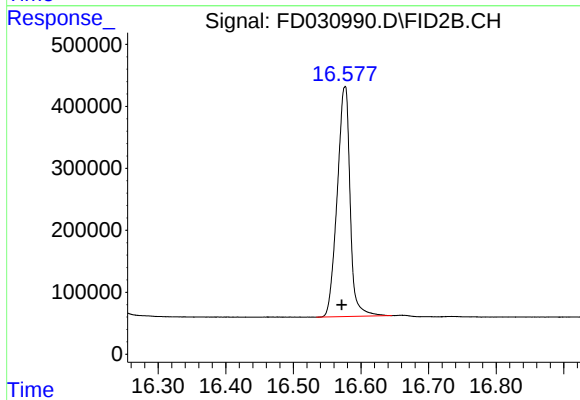
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.198 min
Delta R.T.: 0.005 min
Response: 5014730
Conc: 49.14 ug/ml



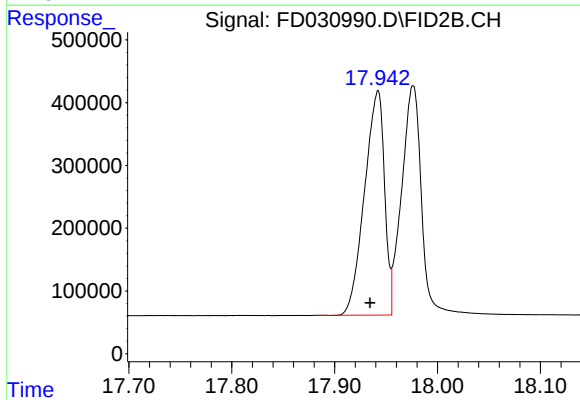
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.233 min
Delta R.T.: 0.009 min
Response: 5127263
Conc: 46.56 ug/ml



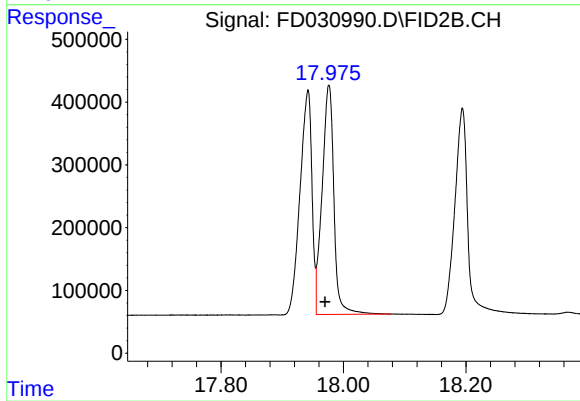
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.576 min
Delta R.T.: 0.005 min
Response: 4924182
Conc: 47.06 ug/ml



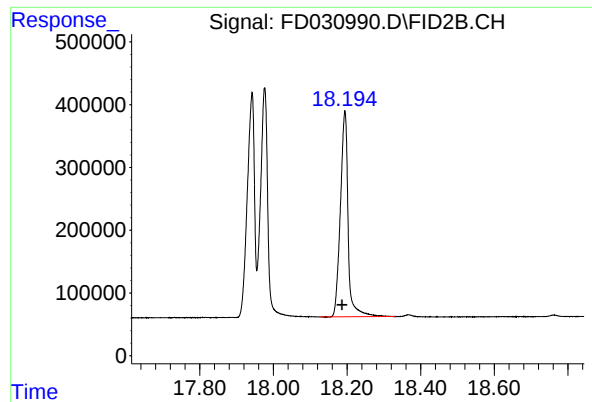
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.942 min
Delta R.T.: 0.008 min
Response: 4828507
Conc: 51.98 ug/ml



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

R.T.: 17.976 min
Delta R.T.: 0.006 min
Response: 4890579
Conc: 45.19 ug/ml



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

R.T.: 18.194 min
Delta R.T.: 0.008 min
Response: 4794971
Conc: 48.74 ug/ml