

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051519AR\
 Data File : FD029153.D
 Signal(s) : FID2B.CH
 Acq On : 15 May 2019 13:26
 Operator : EI\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 15 16:05:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 15:53:17 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...	7.752	3825731	49.409 ug/ml
Spiked Amount 50.000		Recovery =	98.82%
6) S 2-Fluorobiphenyl (SURR)	8.618	2579512	48.607 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.21%
11) S ortho-Terphenyl (SURR)	11.655	3914659	47.964 ug/ml
Spiked Amount 50.000		Recovery =	95.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.542	4378043	50.602 ug/ml
2) T Naphthalene (C11.7)	6.089	4563645	50.112 ug/ml
3) T 2-Methylnaphthalene (...)	7.143	4369677	49.637 ug/ml
5) T Acenaphthylene (C15.06)	8.422	4116914	48.822 ug/ml
7) T Acenaphthene (C15.5)	8.717	4286361	48.803 ug/ml
8) T Fluorene (C16.55)	9.497	4191678	48.567 ug/ml
9) T Phenanthrene (C19.36)	10.894	4274132	48.357 ug/ml
10) T Anthracene (C19.43)	10.969	4251539	48.063 ug/ml
12) T Fluoranthene (C21.85)	12.705	4592176	48.028 ug/ml
13) T Pyrene (C20.8)	13.004	4712050	48.210 ug/ml
14) T Benzo[a]anthracene (C...	14.870	4818867	48.942 ug/ml
15) T Chrysene (C27.41)	14.914	4867705	48.894 ug/ml
16) T benzo[b]fluoranthene ...	16.418	5060797	49.489 ug/ml
17) T Bnezo[k]fluoranthene ...	16.453	4978599	49.433 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.799	5011746	49.766 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.161	4878100	50.887 ug/ml
20) T Dibenz[a,h]anthracene...	18.199	4526130	50.623 ug/ml
21) T Benzo[g,h,i]perylene ...	18.420	4982690	49.521 ug/ml

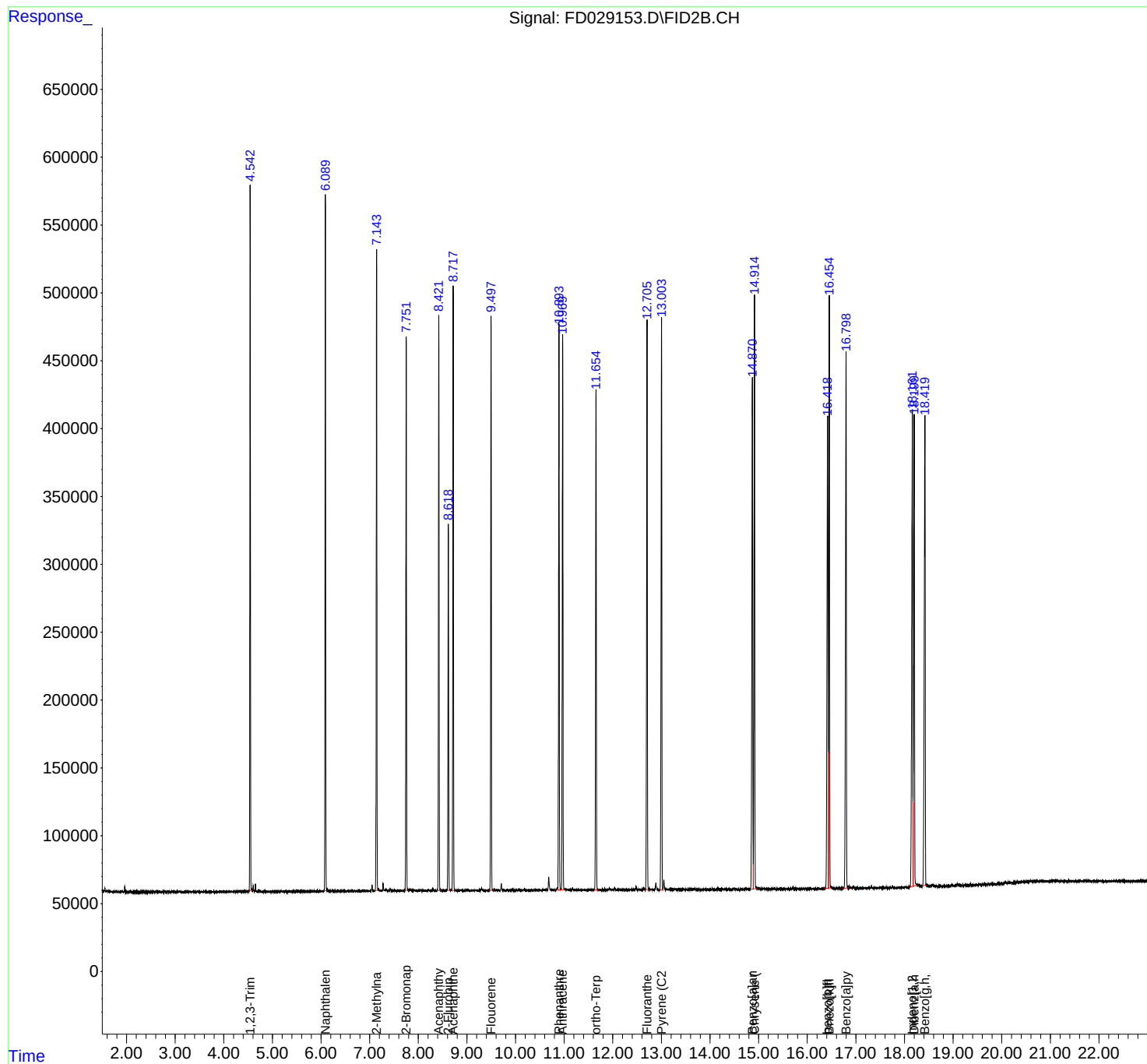
(f)=RT Delta > 1/2 Window

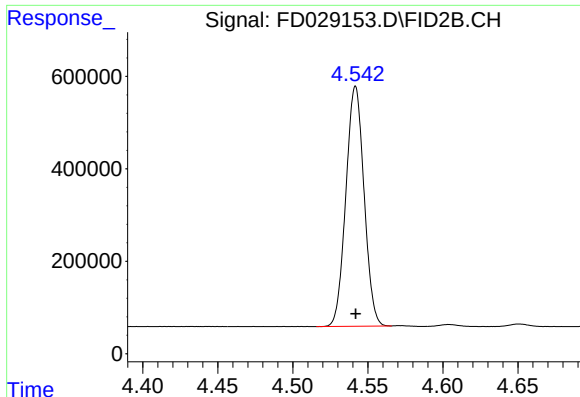
(m)=manual int.

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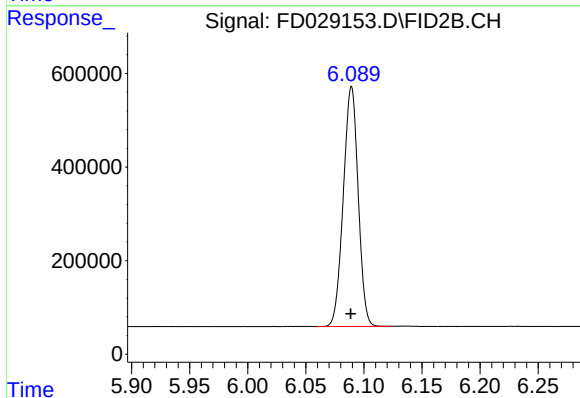
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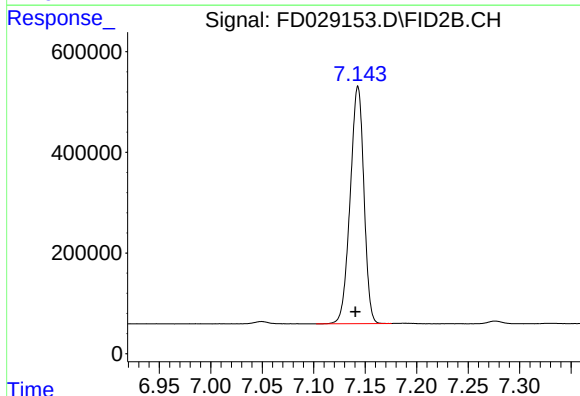
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 4378043
Conc: 50.60 ug/ml



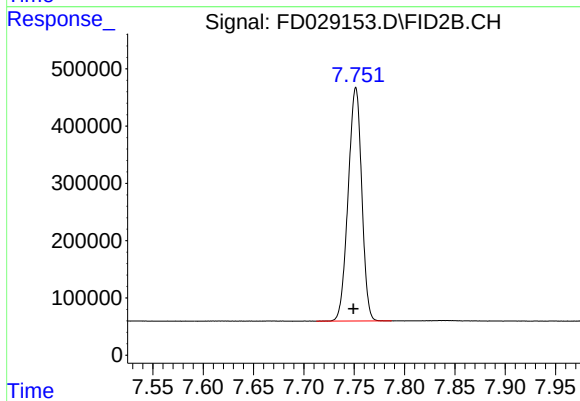
#2 Naphthalene (C11.7)

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 4563645
Conc: 50.11 ug/ml



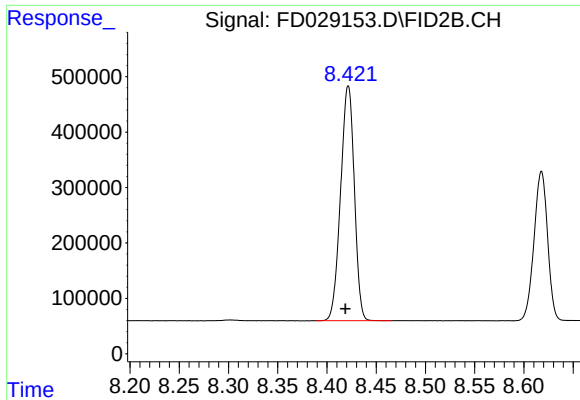
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: 0.003 min
Response: 4369677
Conc: 49.64 ug/ml



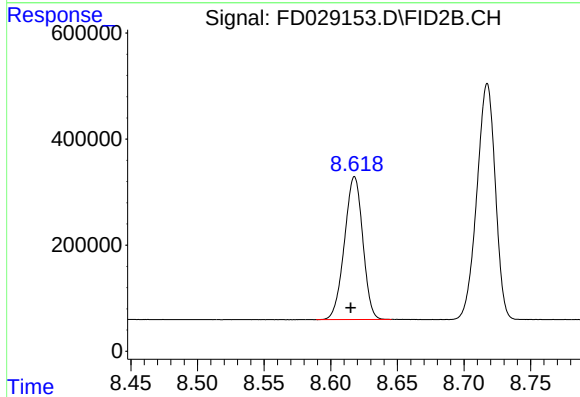
#4 2-Bromonaphthalene (SURR)

R.T.: 7.752 min
Delta R.T.: 0.002 min
Response: 3825731
Conc: 49.41 ug/ml



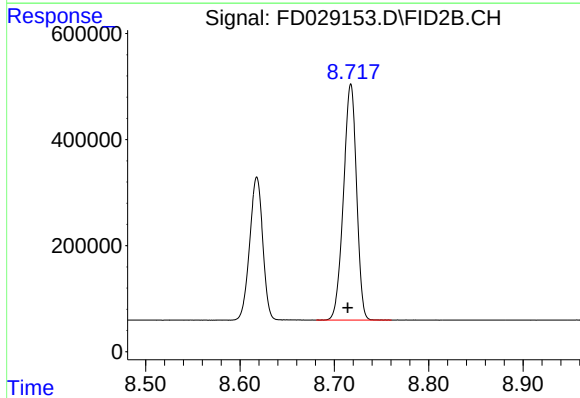
#5 Acenaphthylene (C15.06)

R.T.: 8.422 min
Delta R.T.: 0.003 min
Response: 4116914
Conc: 48.82 ug/ml



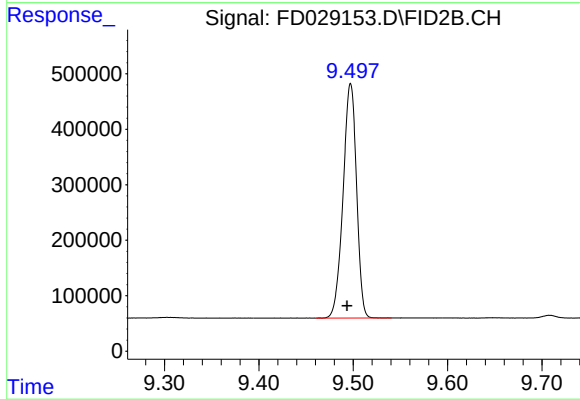
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.618 min
Delta R.T.: 0.003 min
Response: 2579512
Conc: 48.61 ug/ml



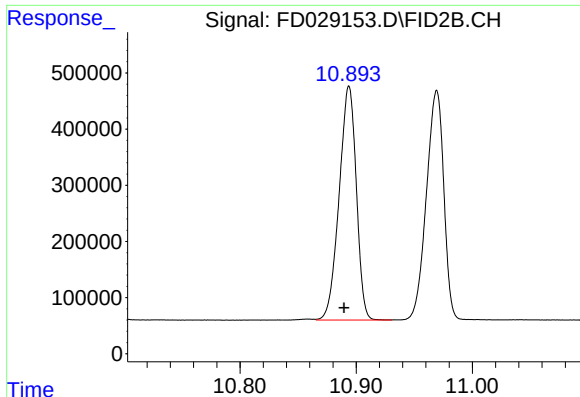
#7 Acenaphthene (C15.5)

R.T.: 8.717 min
Delta R.T.: 0.003 min
Response: 4286361
Conc: 48.80 ug/ml



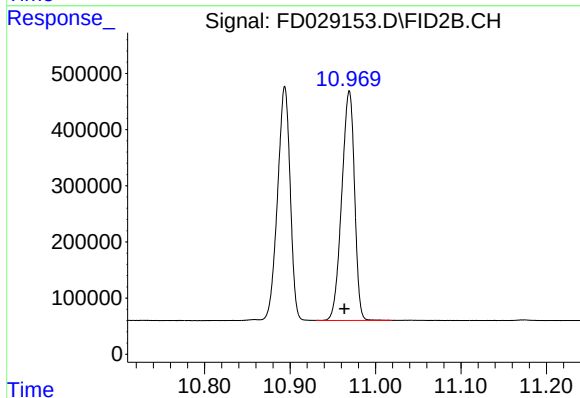
#8 Fluorene (C16.55)

R.T.: 9.497 min
Delta R.T.: 0.004 min
Response: 4191678
Conc: 48.57 ug/ml



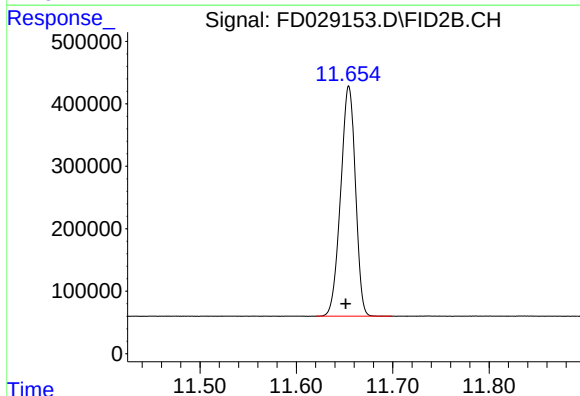
#9 Phenanthrene (C19.36)

R.T.: 10.894 min
Delta R.T.: 0.004 min
Response: 4274132
Conc: 48.36 ug/ml



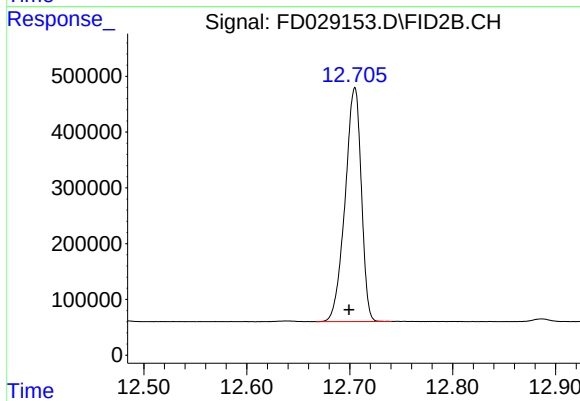
#10 Anthracene (C19.43)

R.T.: 10.969 min
Delta R.T.: 0.006 min
Response: 4251539
Conc: 48.06 ug/ml



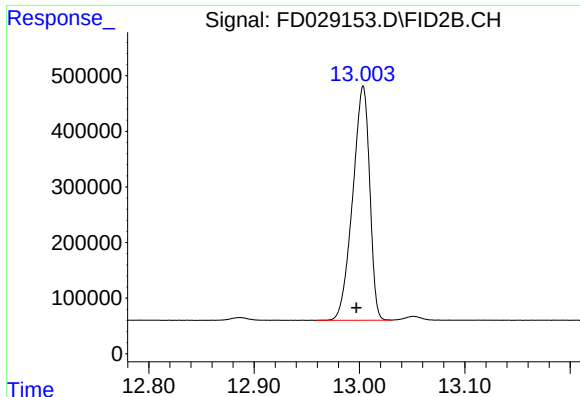
#11 ortho-Terphenyl (SURR)

R.T.: 11.655 min
Delta R.T.: 0.003 min
Response: 3914659
Conc: 47.96 ug/ml



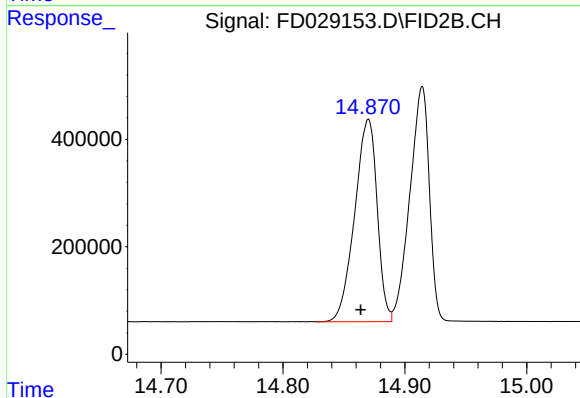
#12 Fluoranthene (C21.85)

R.T.: 12.705 min
Delta R.T.: 0.006 min
Response: 4592176
Conc: 48.03 ug/ml



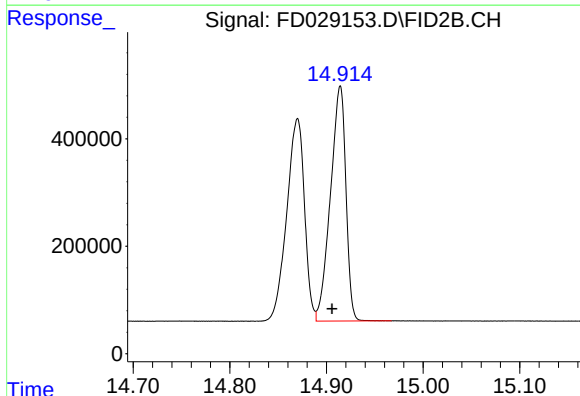
#13 Pyrene (C20.8)

R.T.: 13.004 min
Delta R.T.: 0.006 min
Response: 4712050
Conc: 48.21 ug/ml



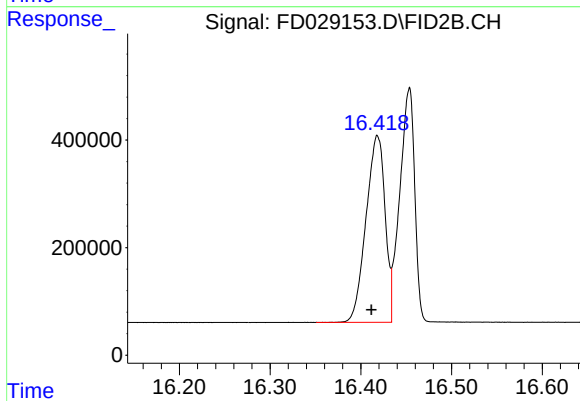
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.870 min
Delta R.T.: 0.006 min
Response: 4818867
Conc: 48.94 ug/ml



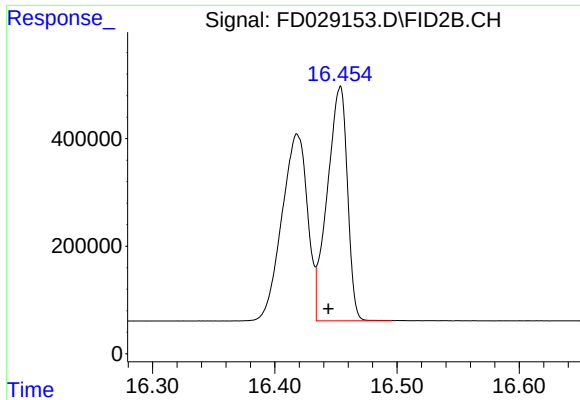
#15 Chrysene (C27.41)

R.T.: 14.914 min
Delta R.T.: 0.008 min
Response: 4867705
Conc: 48.89 ug/ml



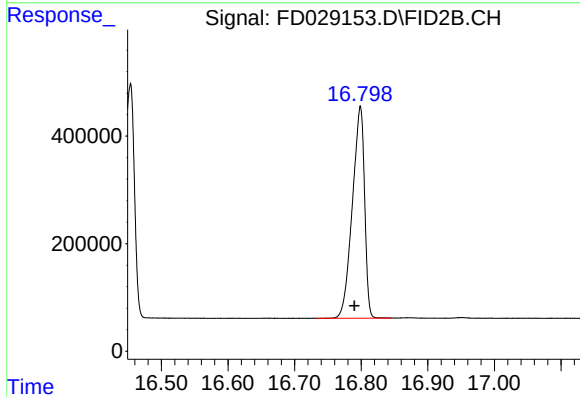
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.418 min
Delta R.T.: 0.007 min
Response: 5060797
Conc: 49.49 ug/ml



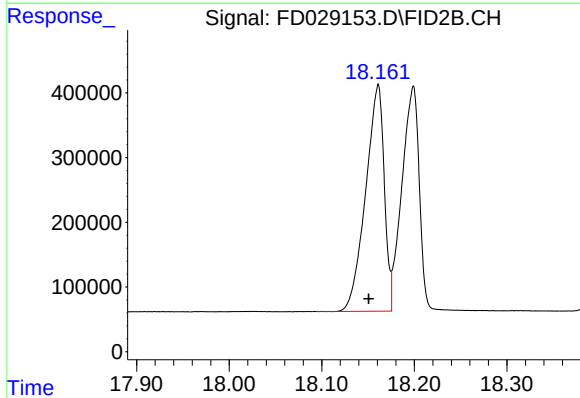
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.453 min
Delta R.T.: 0.010 min
Response: 4978599
Conc: 49.43 ug/ml



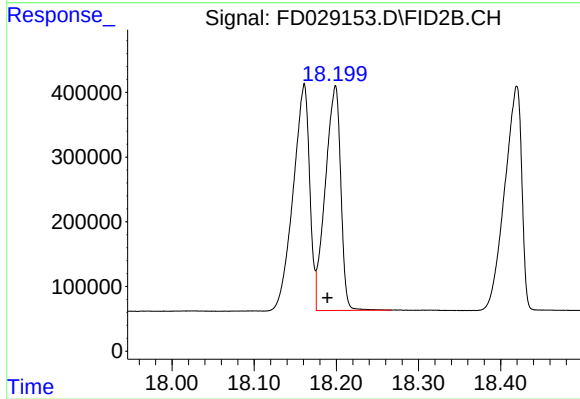
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.799 min
Delta R.T.: 0.009 min
Response: 5011746
Conc: 49.77 ug/ml



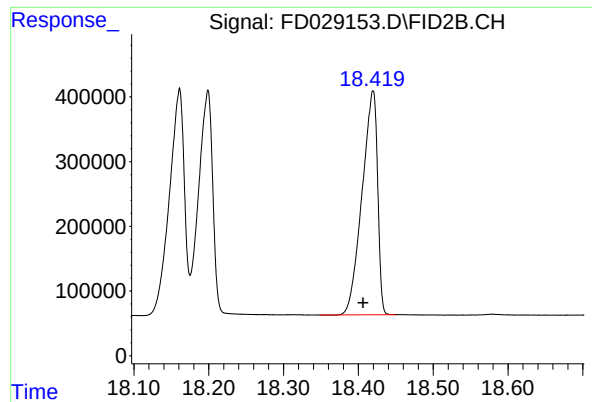
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.161 min
Delta R.T.: 0.010 min
Response: 4878100
Conc: 50.89 ug/ml



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

R.T.: 18.199 min
Delta R.T.: 0.010 min
Response: 4526130
Conc: 50.62 ug/ml



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

R.T.: 18.420 min
Delta R.T.: 0.013 min
Response: 4982690
Conc: 49.52 ug/ml