

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100720AR\
 Data File : FD034999.D
 Signal(s) : FID2B.CH
 Acq On : 08 Oct 2020 7:41
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 08 08:52:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.674	2440676	20.938 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
6) S 2-Fluorobiphenyl (SURR)	8.540	1690596	20.592 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.18%
11) S ortho-Terphenyl (SURR)	11.580	2726974	19.887 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.468	2706978	20.848 ug/ml
2) T Naphthalene (C11.7)	6.011	2864337	20.927 ug/ml
3) T 2-Methylnaphthalene (...)	7.065	2866864	20.901 ug/ml
5) T Acenaphthylene (C15.06)	8.342	2731208	20.173 ug/ml
7) T Acenaphthene (C15.5)	8.637	2838843	20.563 ug/ml
8) T Fluorene (C16.55)	9.419	2731857	20.322 ug/ml
9) T Phenanthrene (C19.36)	10.817	2649377	19.836 ug/ml
10) T Anthracene (C19.43)	10.892	2566300	19.003 ug/ml
12) T Fluoranthene (C21.85)	12.630	2501145	19.006 ug/ml
13) T Pyrene (C20.8)	12.927	2392086	18.684 ug/ml
14) T Benzo[a]anthracene (C...	14.799	2115780	18.585 ug/ml
15) T Chrysene (C27.41)	14.841	2235751	18.254 ug/ml
16) T benzo[b]fluoranthene ...	16.350	2073704	19.347 ug/ml
17) T Bnezo[k]fluoranthene ...	16.381	2066756	19.132 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.729	1903396	19.534 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.095	1983804	21.414 ug/ml
20) T Dibenz[a,h]anthracene...	18.132	2124478	21.037 ug/ml
21) T Benzo[g,h,i]perylene ...	18.348	2078781	21.573 ug/ml

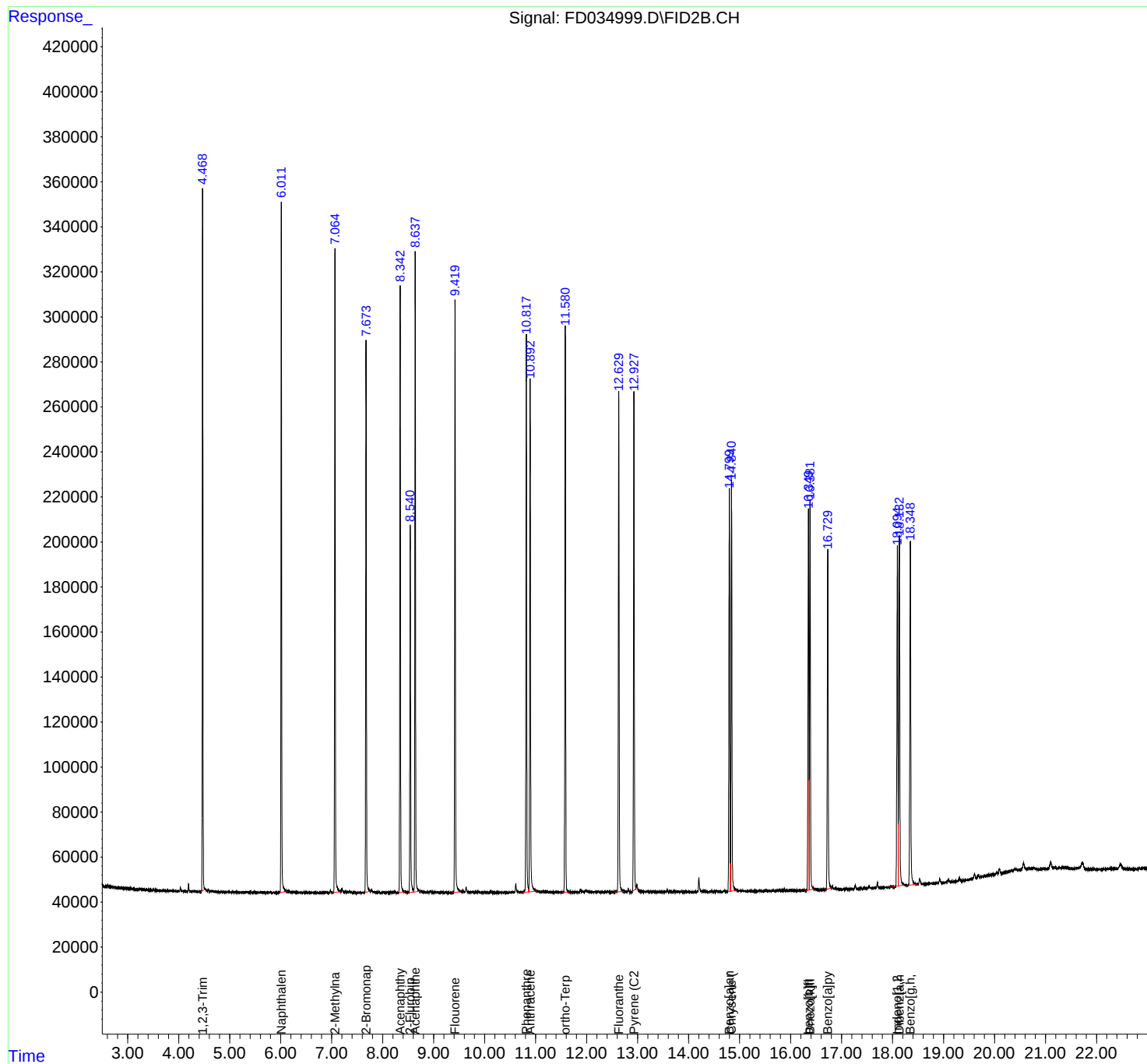
(f)=RT Delta > 1/2 Window

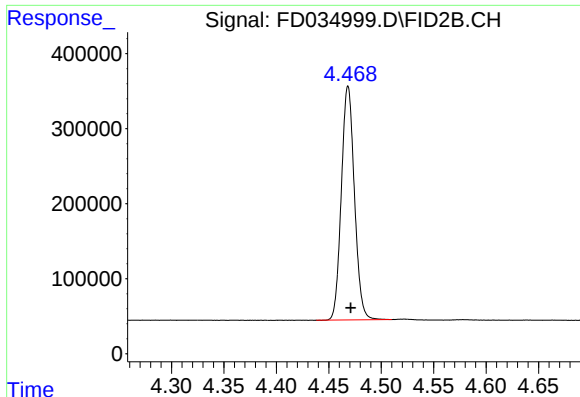
(m)=manual int.

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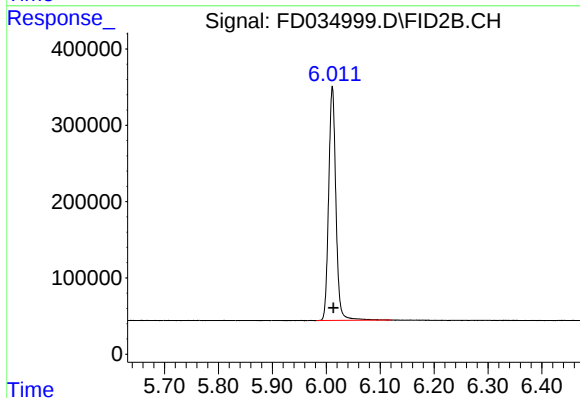
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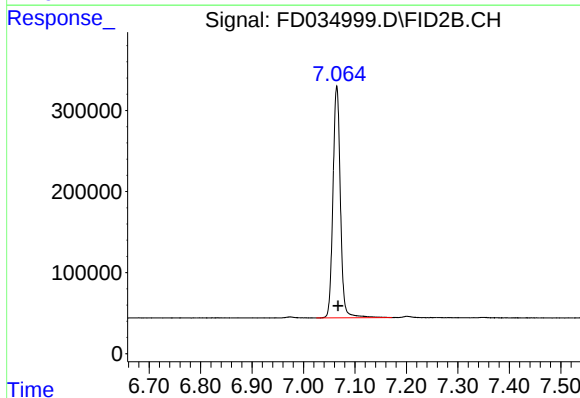
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 2706978
Conc: 20.85 ug/ml



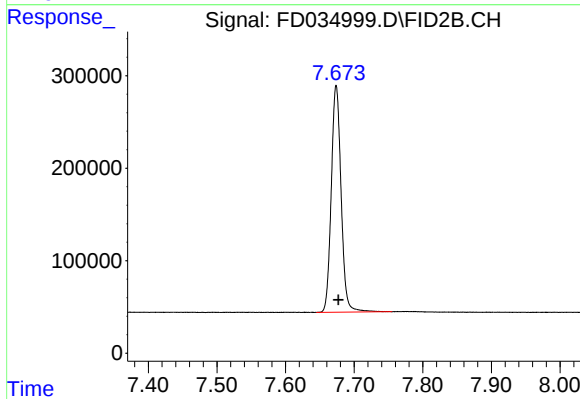
#2 Naphthalene (C11.7)

R.T.: 6.011 min
Delta R.T.: -0.002 min
Response: 2864337
Conc: 20.93 ug/ml



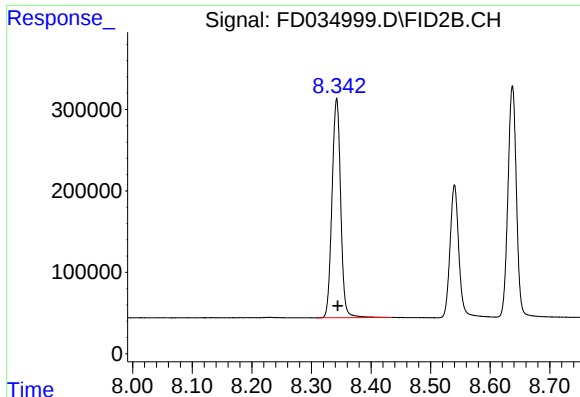
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.065 min
Delta R.T.: -0.002 min
Response: 2866864
Conc: 20.90 ug/ml



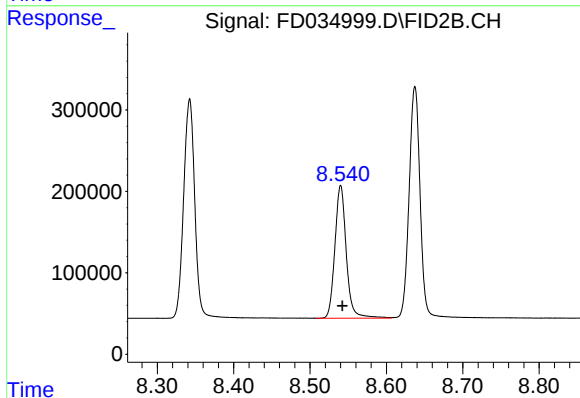
#4 2-Bromonaphthalene (SURR)

R.T.: 7.674 min
Delta R.T.: -0.003 min
Response: 2440676
Conc: 20.94 ug/ml



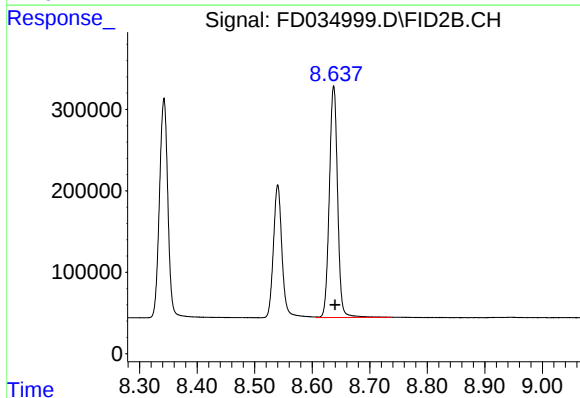
#5 Acenaphthylene (C15.06)

R.T.: 8.342 min
Delta R.T.: -0.002 min
Response: 2731208
Conc: 20.17 ug/ml



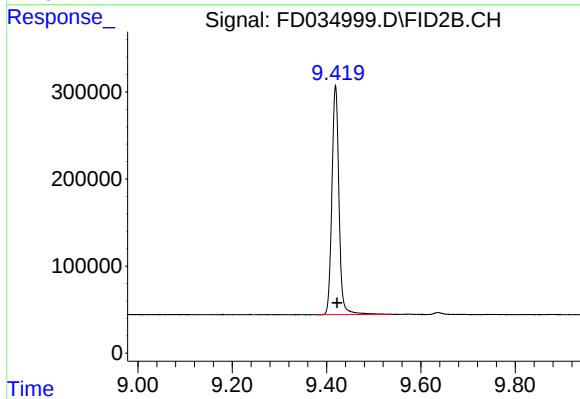
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.540 min
Delta R.T.: -0.002 min
Response: 1690596
Conc: 20.59 ug/ml



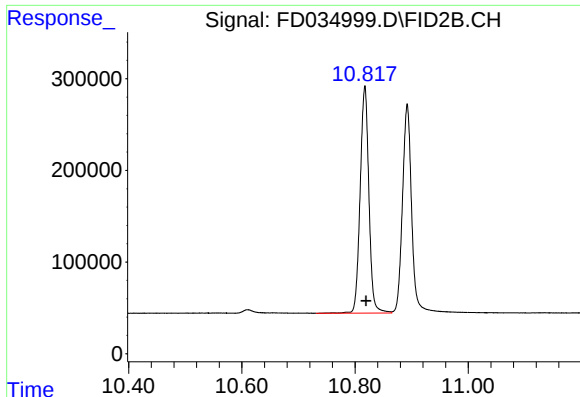
#7 Acenaphthene (C15.5)

R.T.: 8.637 min
Delta R.T.: -0.003 min
Response: 2838843
Conc: 20.56 ug/ml



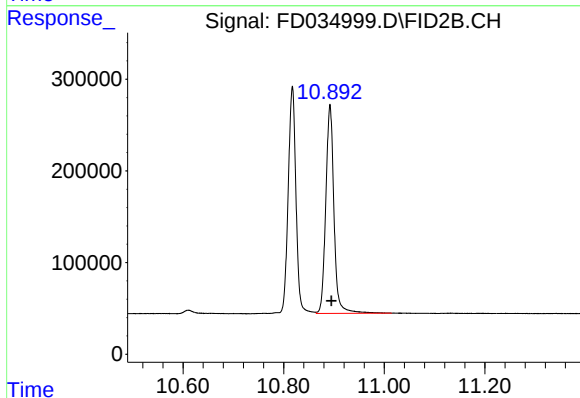
#8 Fluorene (C16.55)

R.T.: 9.419 min
Delta R.T.: -0.003 min
Response: 2731857
Conc: 20.32 ug/ml



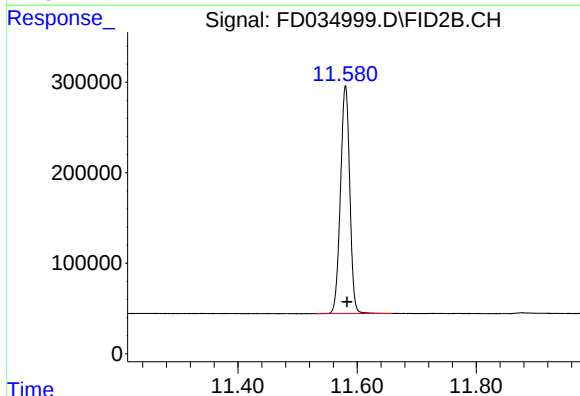
#9 Phenanthrene (C19.36)

R.T.: 10.817 min
Delta R.T.: -0.002 min
Response: 2649377
Conc: 19.84 ug/ml



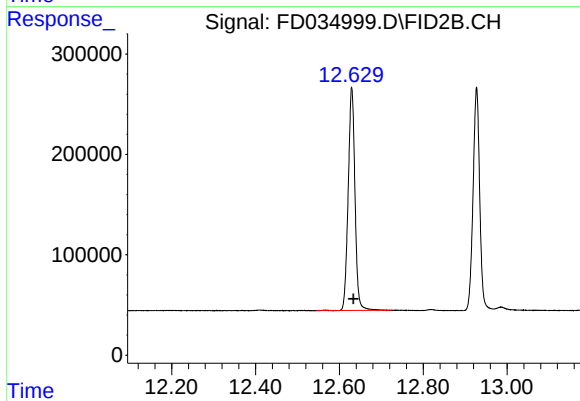
#10 Anthracene (C19.43)

R.T.: 10.892 min
Delta R.T.: -0.003 min
Response: 2566300
Conc: 19.00 ug/ml



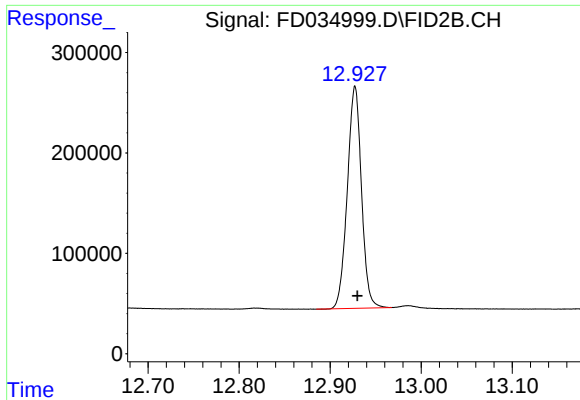
#11 ortho-Terphenyl (SURR)

R.T.: 11.580 min
Delta R.T.: -0.003 min
Response: 2726974
Conc: 19.89 ug/ml



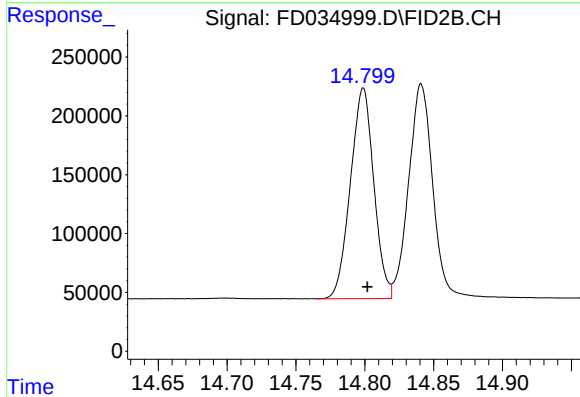
#12 Fluoranthene (C21.85)

R.T.: 12.630 min
Delta R.T.: -0.003 min
Response: 2501145
Conc: 19.01 ug/ml



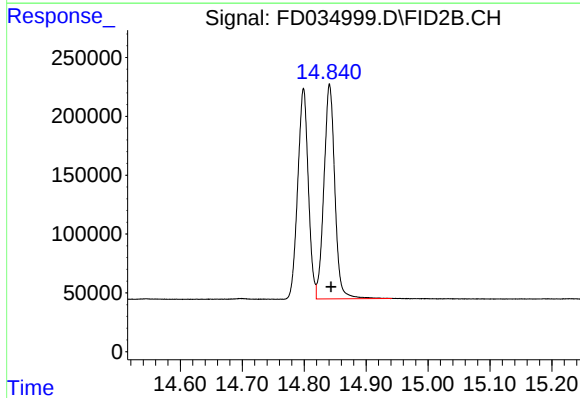
#13 Pyrene (C20.8)

R.T.: 12.927 min
Delta R.T.: -0.003 min
Response: 2392086
Conc: 18.68 ug/ml



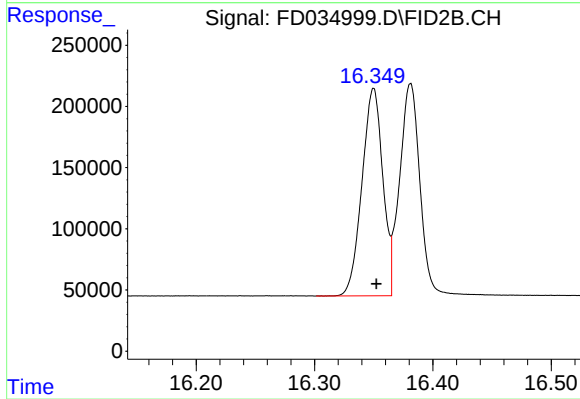
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.799 min
Delta R.T.: -0.003 min
Response: 2115780
Conc: 18.59 ug/ml



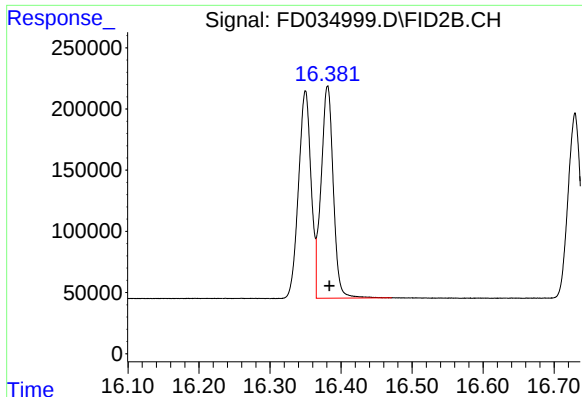
#15 Chrysene (C27.41)

R.T.: 14.841 min
Delta R.T.: -0.003 min
Response: 2235751
Conc: 18.25 ug/ml



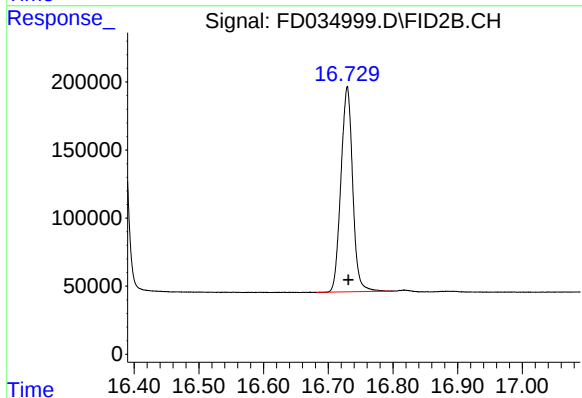
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.350 min
Delta R.T.: -0.003 min
Response: 2073704
Conc: 19.35 ug/ml



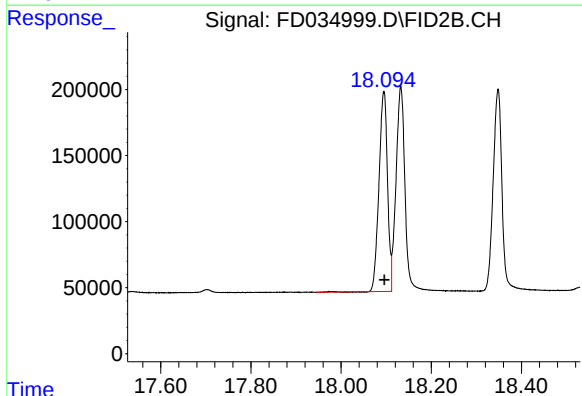
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.381 min
Delta R.T.: -0.003 min
Response: 2066756
Conc: 19.13 ug/ml



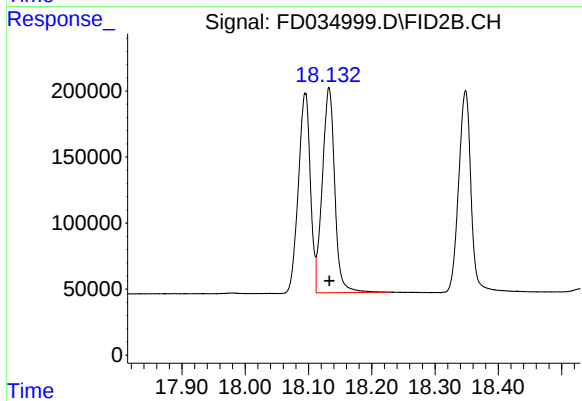
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.729 min
Delta R.T.: -0.002 min
Response: 1903396
Conc: 19.53 ug/ml



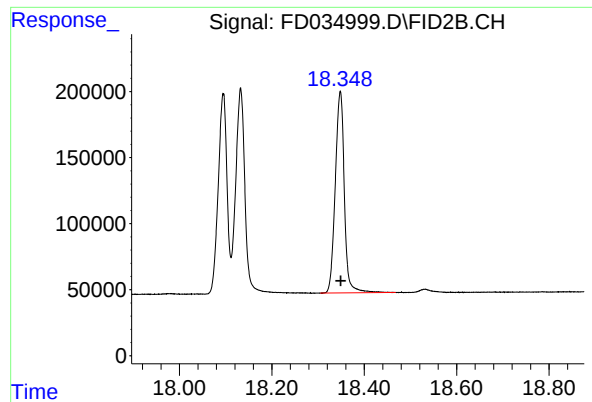
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.095 min
Delta R.T.: -0.001 min
Response: 1983804
Conc: 21.41 ug/ml



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

R.T.: 18.132 min
Delta R.T.: 0.000 min
Response: 2124478
Conc: 21.04 ug/ml



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

R.T.: 18.348 min
Delta R.T.: -0.001 min
Response: 2078781
Conc: 21.57 ug/ml