

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062422AR\
 Data File : FD043041.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jun 2022 02:26
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jun 25 04:38:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:36:55 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.637	1594428	10.312 ug/mlm
Spiked Amount 50.000		Recovery =	20.62%
6) S 2-Fluorobiphenyl (SURR)	8.501	1108816	10.630 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.26%
11) S ortho-Terphenyl (SURR)	11.549	1942303	10.872 ug/ml
Spiked Amount 50.000		Recovery =	21.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.432	1772011	10.698 ug/ml
2) T Naphthalene (C11.7)	5.973	1842768	10.656 ug/ml
3) T 2-Methylnaphthalene (...)	7.027	1696840	10.688 ug/ml
5) T Acenaphthylene (C15.06)	8.304	1892656	10.847 ug/mlm
7) T Acenaphthene (C15.5)	8.600	1861807	10.774 ug/ml
8) T Flouorene (C16.55)	9.382	1835694	10.730 ug/ml
9) T Phenanthrene (C19.36)	10.781	1825428	10.768 ug/ml
10) T Anthracene (C19.43)	10.856	1836267	10.911 ug/ml
12) T Fluoranthene (C21.85)	12.596	1777689	10.734 ug/ml
13) T Pyrene (C20.8)	12.894	1719706	10.688 ug/ml
14) T Benzo[a]anthracene (C...	14.768	1646339	10.653 ug/ml
15) T Chrysene (C27.41)	14.811	1696238	10.941 ug/ml
16) T benzo[b]fluoranthene ...	16.321	1614449	10.661 ug/ml
17) T Bnezo[k]fluoranthene ...	16.352	1573744	10.905 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.700	1523500	10.775 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.065	1308591	10.618 ug/ml
20) T Dibenz[a,h]anthracene...	18.106	1461003	10.925 ug/ml
21) T Benzo[g,h,i]perylene ...	18.320	1387922	10.767 ug/ml

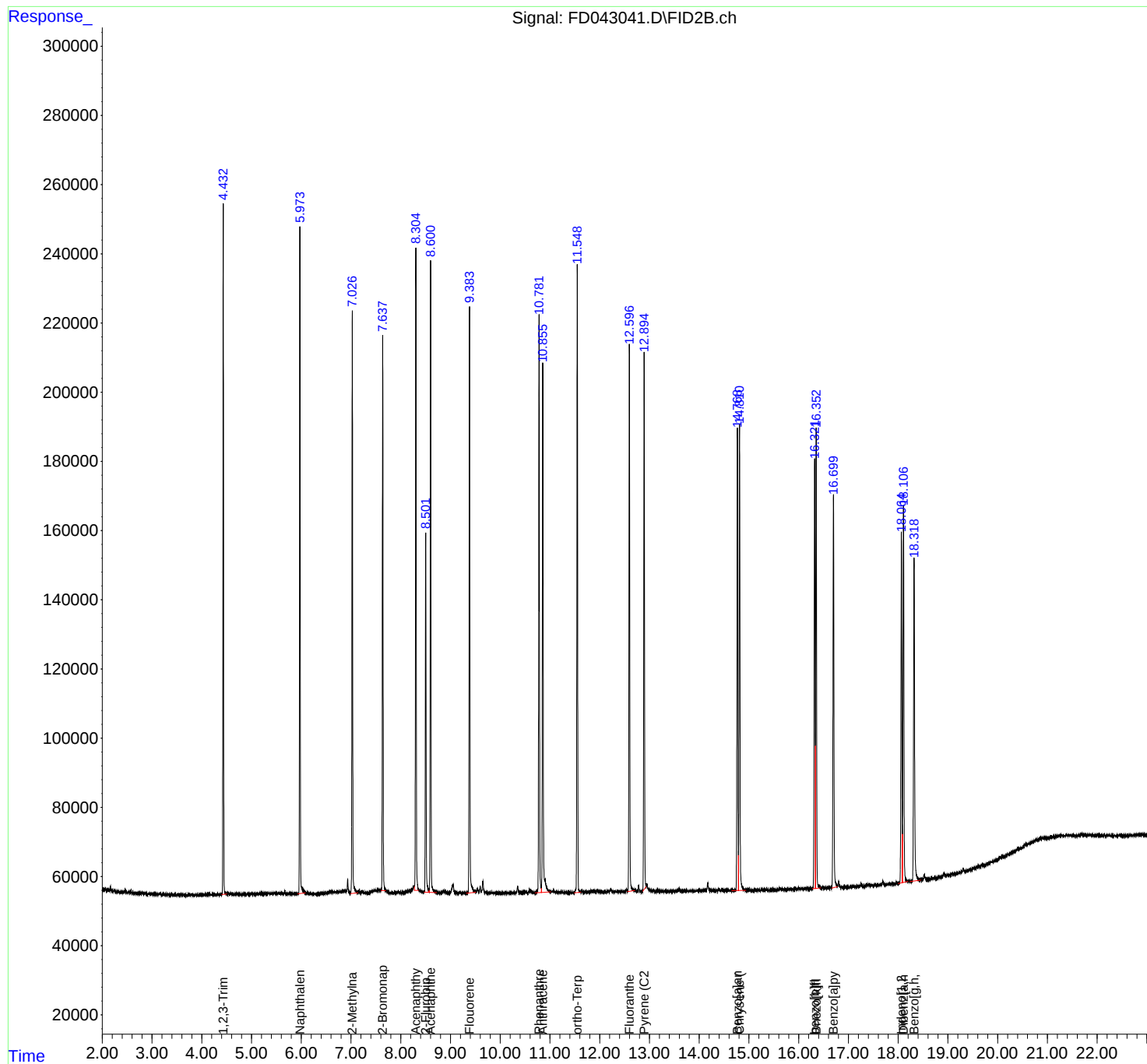
(f)=RT Delta > 1/2 Window

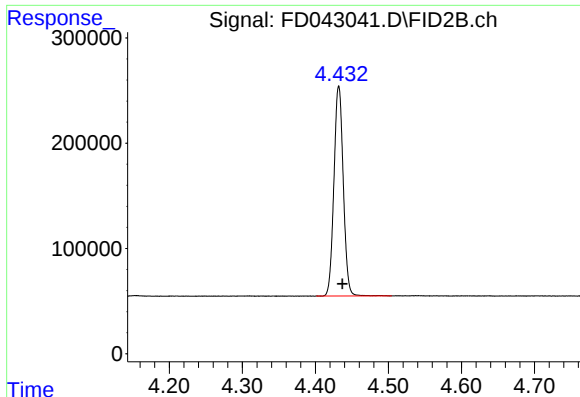
(m)=manual int.

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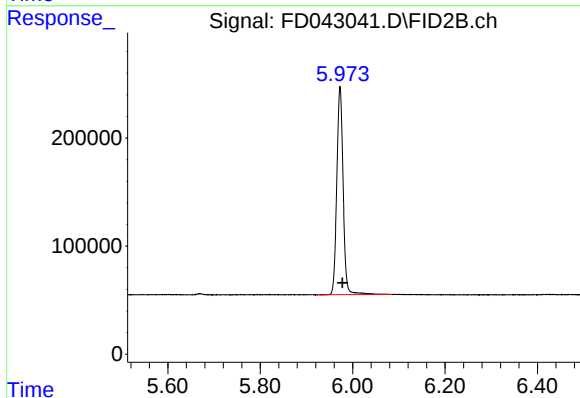
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





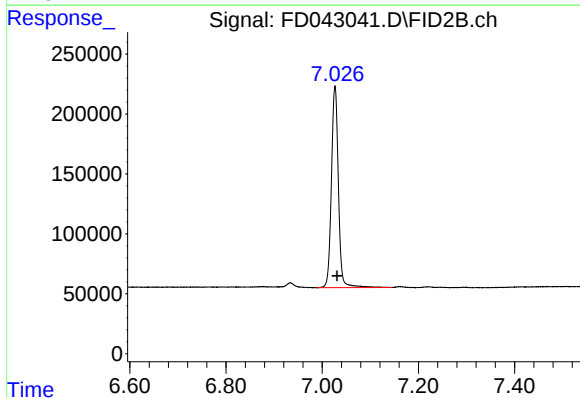
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.432 min
Delta R.T.: -0.005 min
Response: 1772011
Conc: 10.70 ug/ml



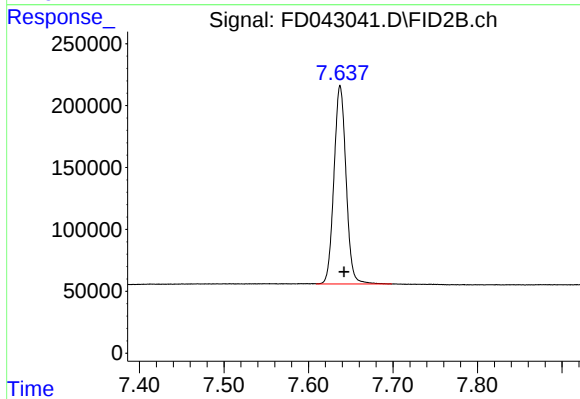
#2 Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: -0.005 min
Response: 1842768
Conc: 10.66 ug/ml



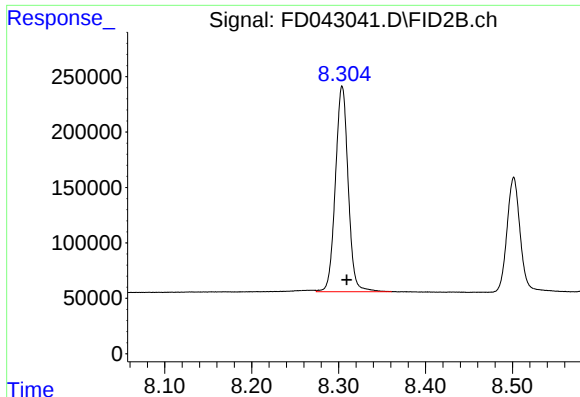
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.027 min
Delta R.T.: -0.005 min
Response: 1696840
Conc: 10.69 ug/ml



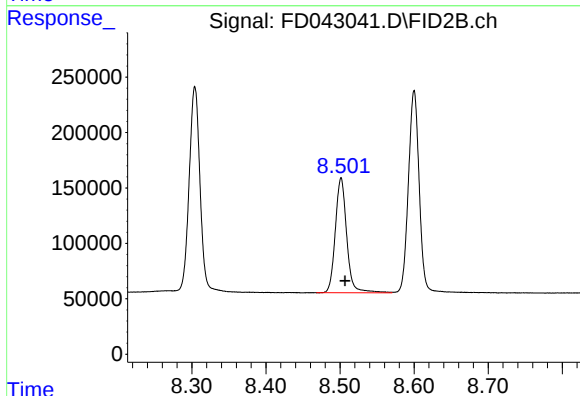
#4 2-Bromonaphthalene (SURR)

R.T.: 7.637 min
Delta R.T.: -0.005 min
Response: 1594428
Conc: 10.31 ug/ml m



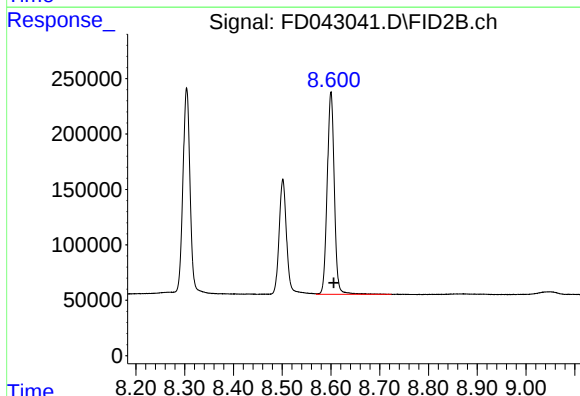
#5 Acenaphthylene (C15.06)

R.T.: 8.304 min
Delta R.T.: -0.006 min
Response: 1892656
Conc: 10.85 ug/ml m



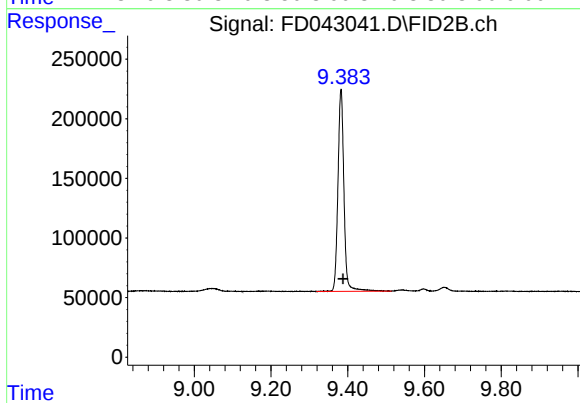
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.501 min
Delta R.T.: -0.005 min
Response: 1108816
Conc: 10.63 ug/ml



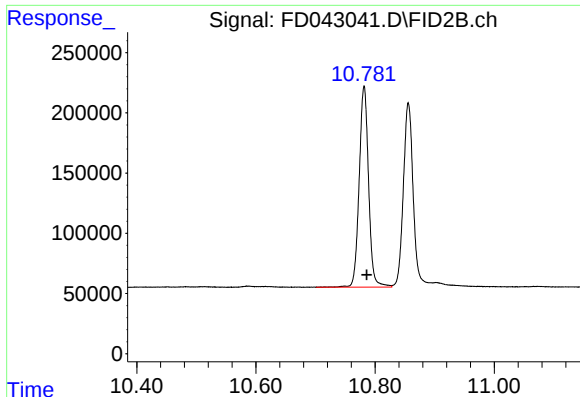
#7 Acenaphthene (C15.5)

R.T.: 8.600 min
Delta R.T.: -0.006 min
Response: 1861807
Conc: 10.77 ug/ml



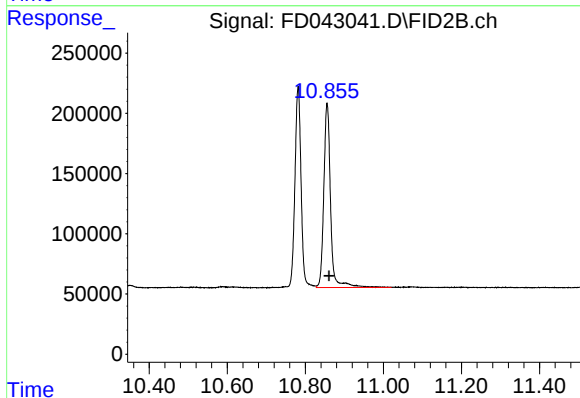
#8 Flouorene (C16.55)

R.T.: 9.382 min
Delta R.T.: -0.005 min
Response: 1835694
Conc: 10.73 ug/ml



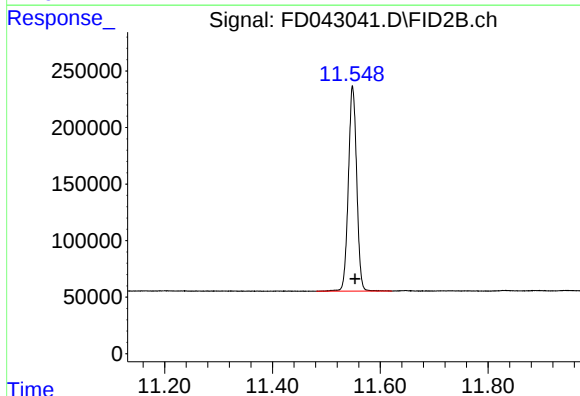
#9 Phenanthrene (C19.36)

R.T.: 10.781 min
Delta R.T.: -0.005 min
Response: 1825428
Conc: 10.77 ug/ml



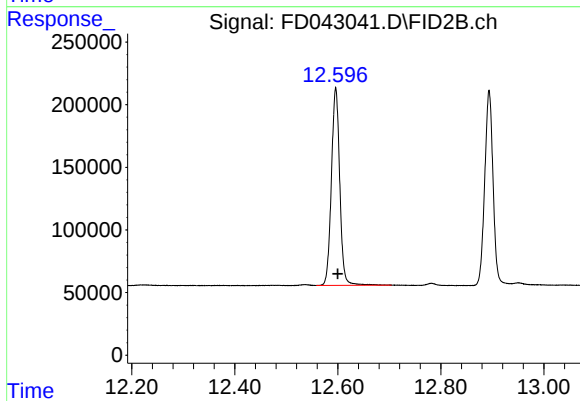
#10 Anthracene (C19.43)

R.T.: 10.856 min
Delta R.T.: -0.005 min
Response: 1836267
Conc: 10.91 ug/ml



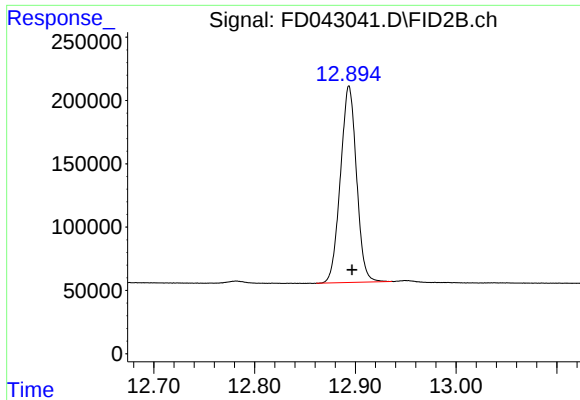
#11 ortho-Terphenyl (SURR)

R.T.: 11.549 min
Delta R.T.: -0.004 min
Response: 1942303
Conc: 10.87 ug/ml



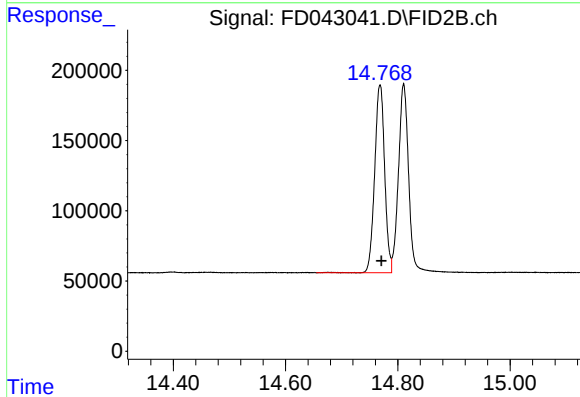
#12 Fluoranthene (C21.85)

R.T.: 12.596 min
Delta R.T.: -0.004 min
Response: 1777689
Conc: 10.73 ug/ml



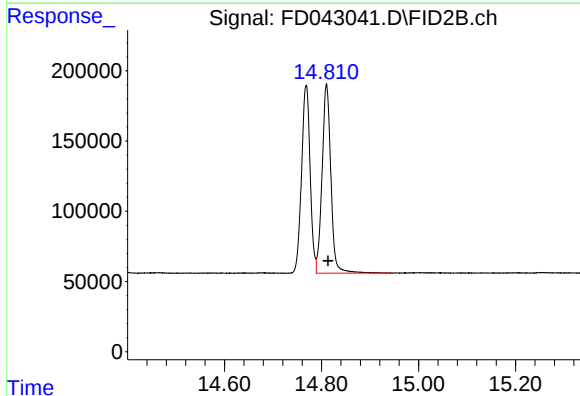
#13 Pyrene (C20.8)

R.T.: 12.894 min
Delta R.T.: -0.003 min
Response: 1719706
Conc: 10.69 ug/ml



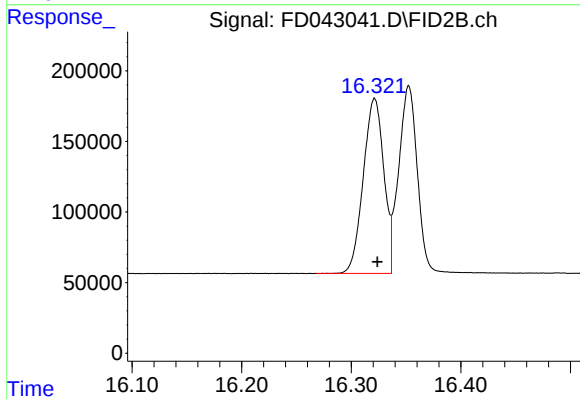
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min
Delta R.T.: -0.003 min
Response: 1646339
Conc: 10.65 ug/ml



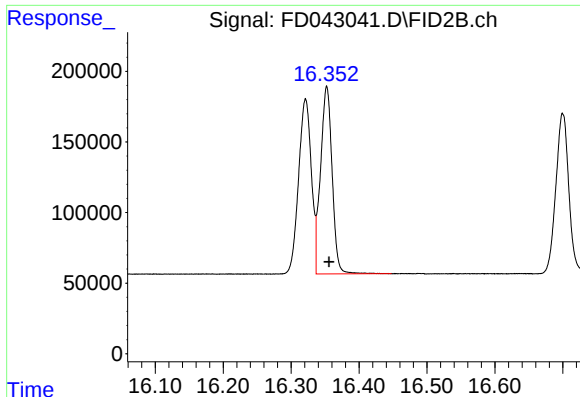
#15 Chrysene (C27.41)

R.T.: 14.811 min
Delta R.T.: -0.003 min
Response: 1696238
Conc: 10.94 ug/ml



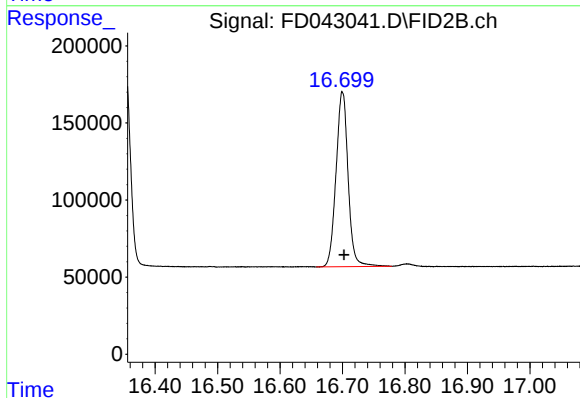
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.321 min
Delta R.T.: -0.003 min
Response: 1614449
Conc: 10.66 ug/ml



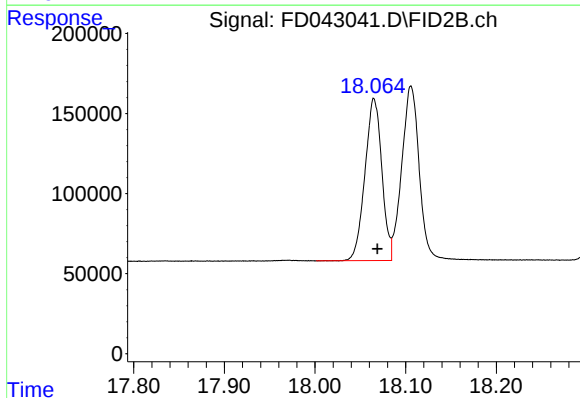
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.352 min
Delta R.T.: -0.003 min
Response: 1573744
Conc: 10.91 ug/ml



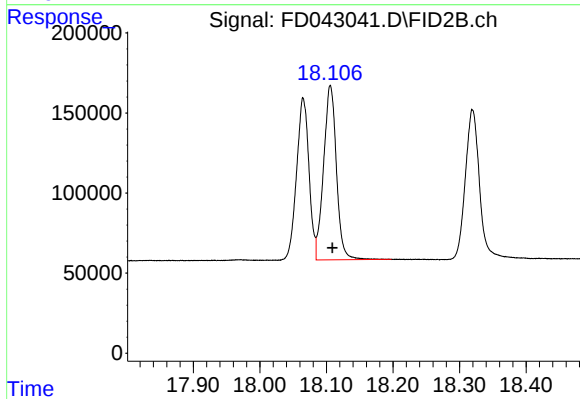
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.700 min
Delta R.T.: -0.002 min
Response: 1523500
Conc: 10.77 ug/ml



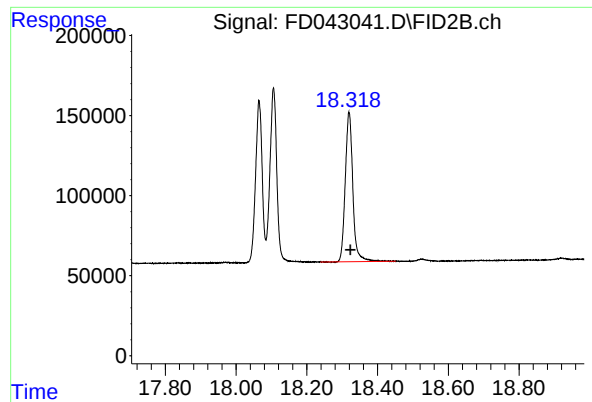
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.065 min
Delta R.T.: -0.003 min
Response: 1308591
Conc: 10.62 ug/ml



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

R.T.: 18.106 min
Delta R.T.: -0.003 min
Response: 1461003
Conc: 10.92 ug/ml



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

R.T.: 18.320 min
Delta R.T.: -0.004 min
Response: 1387922
Conc: 10.77 ug/ml