

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072522AR\
 Data File : FD043333.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2022 15:54
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 25 16:25:53 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 15:39:37 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...	7.617	1621103	11.717 ug/ml
Spiked Amount 50.000		Recovery =	23.43%
6) S 2-Fluorobiphenyl (SURR)	8.479	1053920	11.115 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	22.23%
11) S ortho-Terphenyl (SURR)	11.525	1913550	11.651 ug/ml
Spiked Amount 50.000		Recovery =	23.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.411	1751925	11.459 ug/ml
2) T Naphthalene (C11.7)	5.952	1821514	11.514 ug/ml
3) T 2-Methylnaphthalene (...)	7.005	1624457	11.226 ug/ml
5) T Acenaphthylene (C15.06)	8.282	1822494	11.556 ug/ml
7) T Acenaphthene (C15.5)	8.578	1817852	11.553 ug/ml
8) T Fluorene (C16.55)	9.359	1751694	11.300 ug/ml
9) T Phenanthrene (C19.36)	10.756	1745732	11.280 ug/ml
10) T Anthracene (C19.43)	10.830	1732626	11.544 ug/ml
12) T Fluoranthene (C21.85)	12.567	1785212	11.555 ug/ml
13) T Pyrene (C20.8)	12.865	1746322	11.410 ug/ml
14) T Benzo[a]anthracene (C...	14.738	1645883	11.127 ug/ml
15) T Chrysene (C27.41)	14.779	1793727	12.034 ug/ml
16) T benzo[b]fluoranthene ...	16.289	1690170	11.345 ug/ml
17) T Bnezo[k]fluoranthene ...	16.320	1737737	12.176 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.667	1617192	11.562 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.031	1290191	10.607 ug/ml
20) T Dibenz[a,h]anthracene...	18.072	1659093	12.493 ug/ml
21) T Benzo[g,h,i]perylene ...	18.284	1477864	11.682 ug/ml

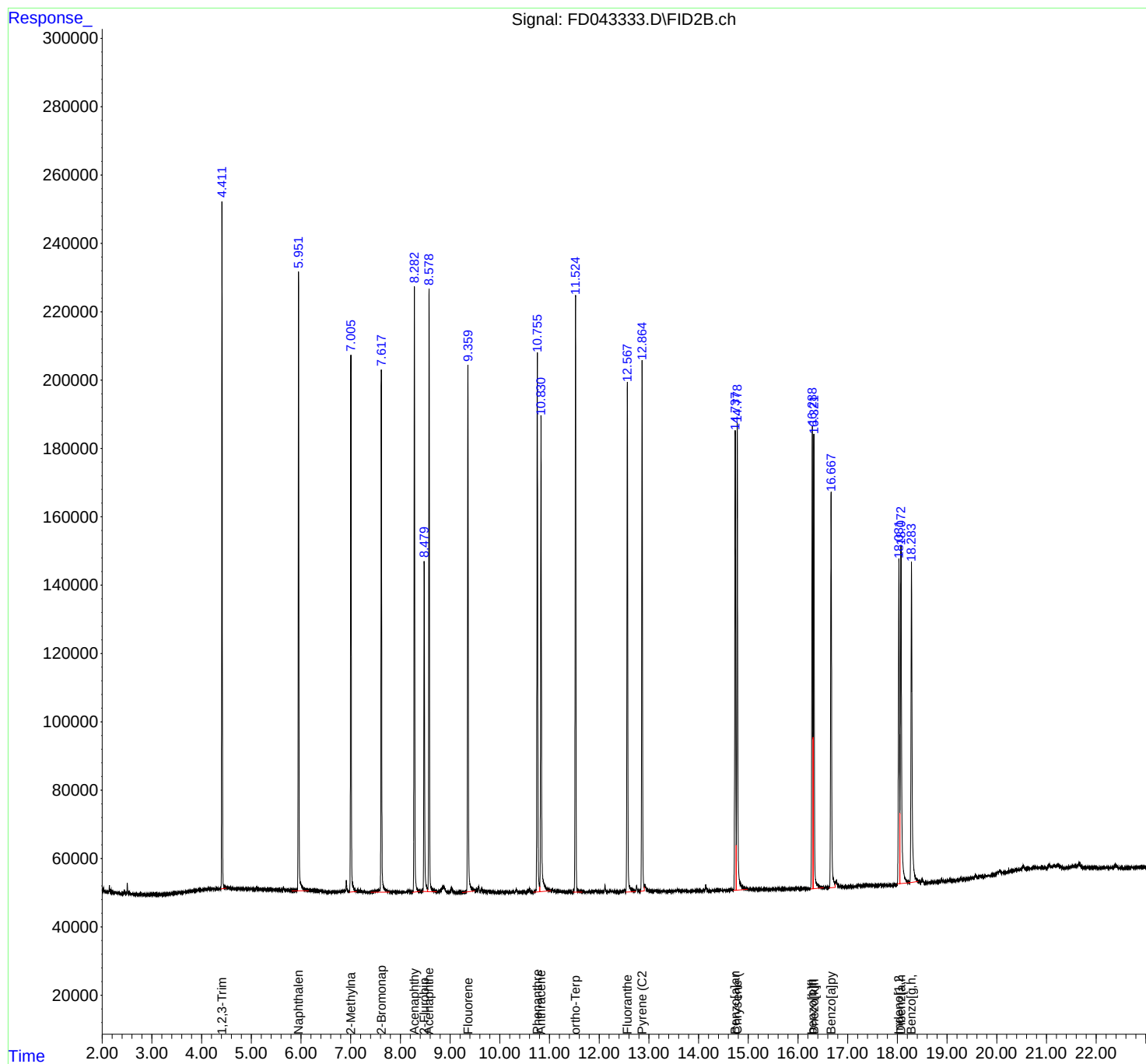
(f)=RT Delta > 1/2 Window

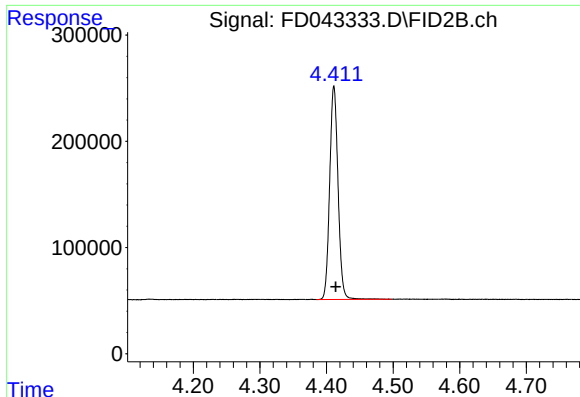
(m)=manual int.

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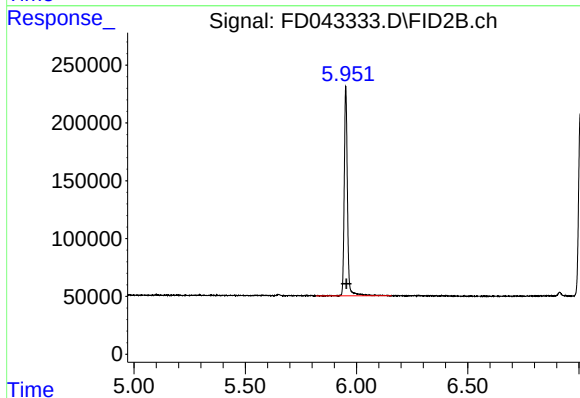
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





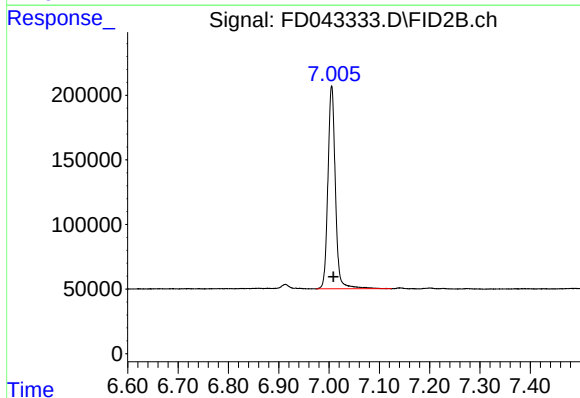
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.411 min
Delta R.T.: -0.003 min
Response: 1751925
Conc: 11.46 ug/ml



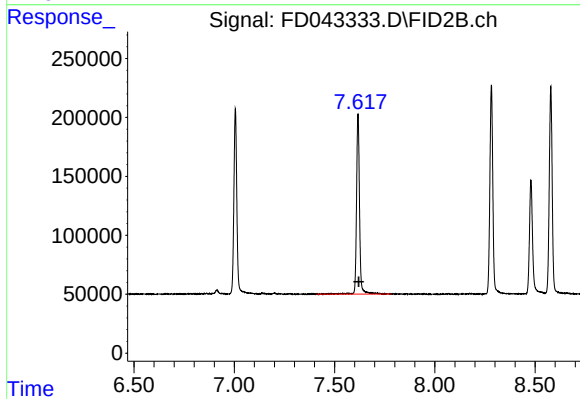
#2 Naphthalene (C11.7)

R.T.: 5.952 min
Delta R.T.: -0.003 min
Response: 1821514
Conc: 11.51 ug/ml



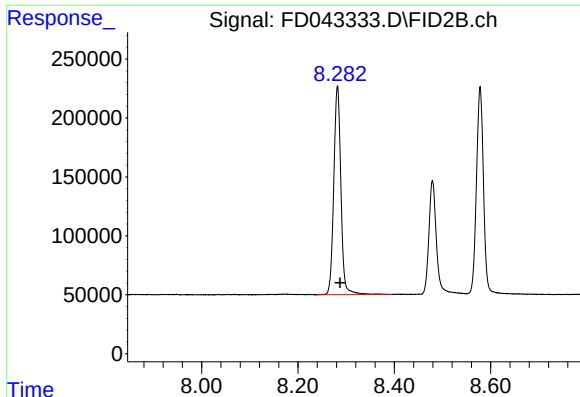
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.005 min
Delta R.T.: -0.003 min
Response: 1624457
Conc: 11.23 ug/ml



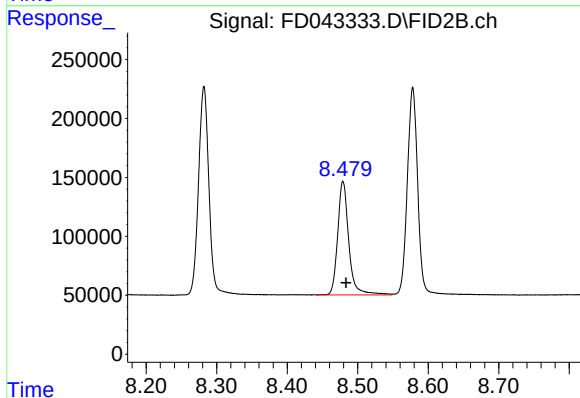
#4 2-Bromonaphthalene (SURR)

R.T.: 7.617 min
Delta R.T.: -0.003 min
Response: 1621103
Conc: 11.72 ug/ml



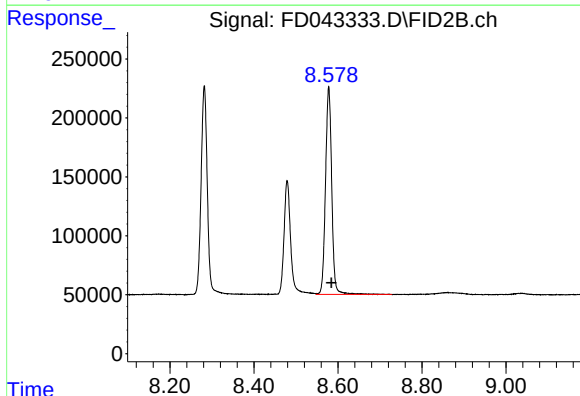
#5 Acenaphthylene (C15.06)

R.T.: 8.282 min
Delta R.T.: -0.005 min
Response: 1822494
Conc: 11.56 ug/ml



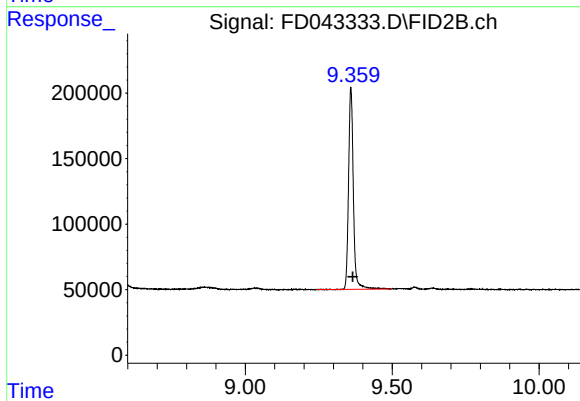
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.479 min
Delta R.T.: -0.004 min
Response: 1053920
Conc: 11.12 ug/ml



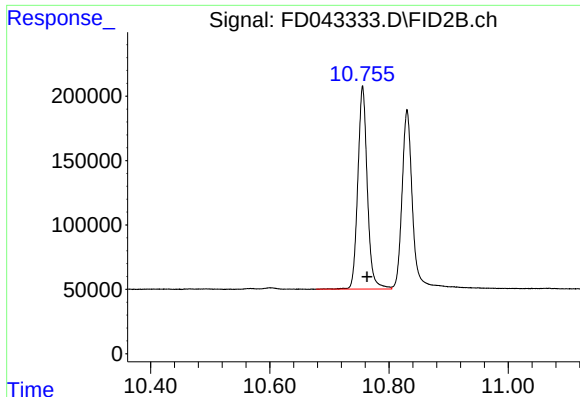
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: -0.006 min
Response: 1817852
Conc: 11.55 ug/ml



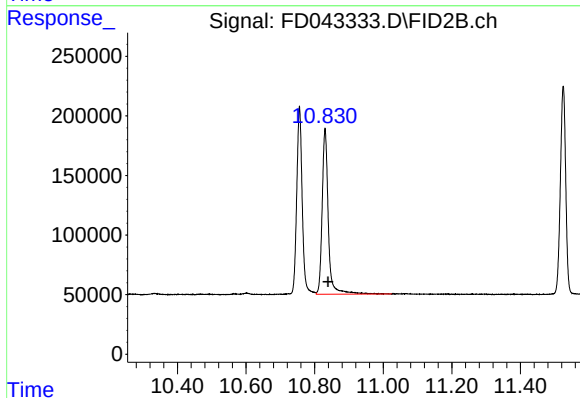
#8 Fluorene (C16.55)

R.T.: 9.359 min
Delta R.T.: -0.006 min
Response: 1751694
Conc: 11.30 ug/ml



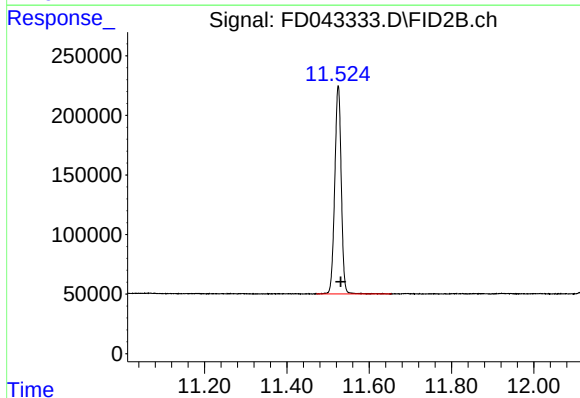
#9 Phenanthrene (C19.36)

R.T.: 10.756 min
Delta R.T.: -0.008 min
Response: 1745732
Conc: 11.28 ug/ml



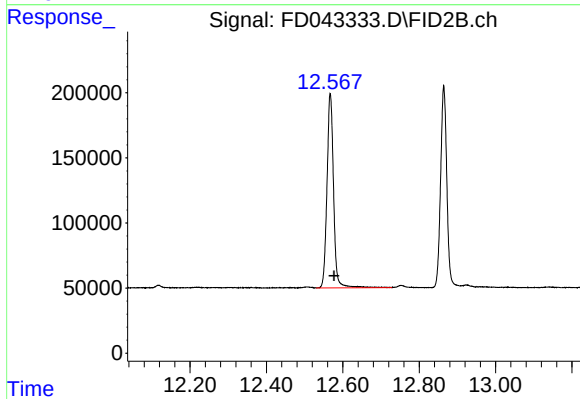
#10 Anthracene (C19.43)

R.T.: 10.830 min
Delta R.T.: -0.009 min
Response: 1732626
Conc: 11.54 ug/ml



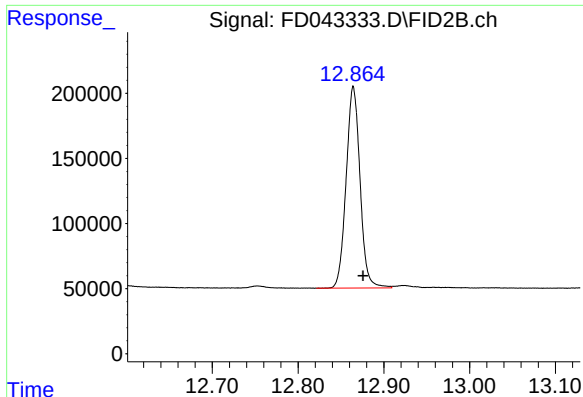
#11 ortho-Terphenyl (SURR)

R.T.: 11.525 min
Delta R.T.: -0.006 min
Response: 1913550
Conc: 11.65 ug/ml



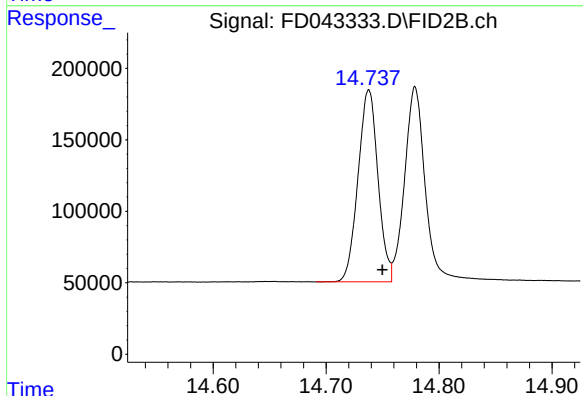
#12 Fluoranthene (C21.85)

R.T.: 12.567 min
Delta R.T.: -0.010 min
Response: 1785212
Conc: 11.56 ug/ml



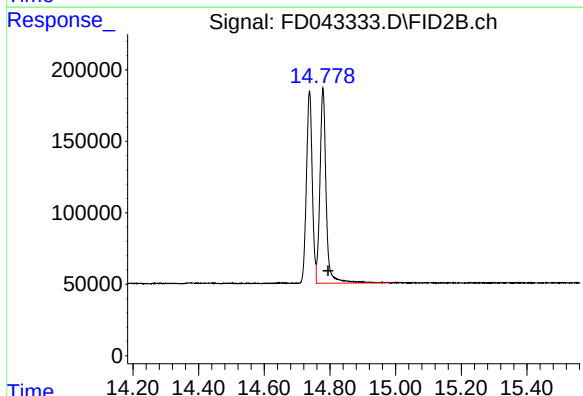
#13 Pyrene (C20.8)

R.T.: 12.865 min
Delta R.T.: -0.011 min
Response: 1746322
Conc: 11.41 ug/ml



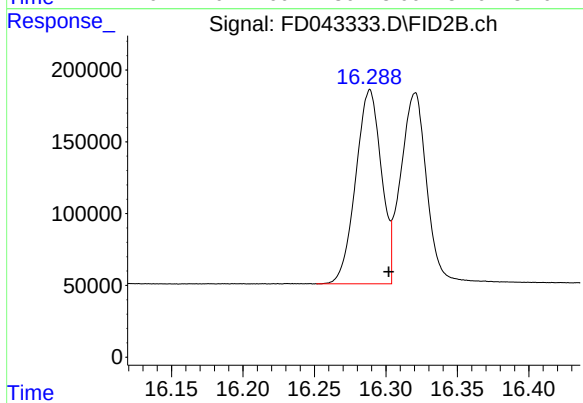
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.738 min
Delta R.T.: -0.012 min
Response: 1645883
Conc: 11.13 ug/ml



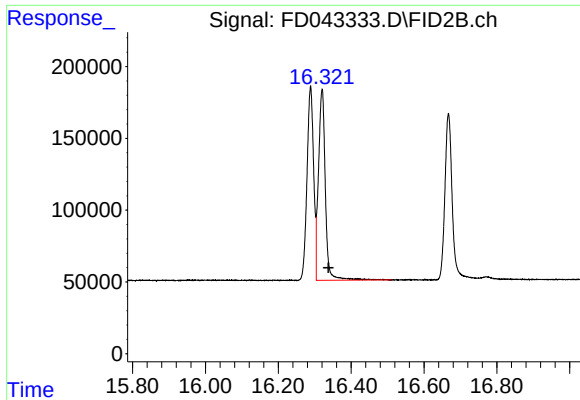
#15 Chrysene (C27.41)

R.T.: 14.779 min
Delta R.T.: -0.015 min
Response: 1793727
Conc: 12.03 ug/ml



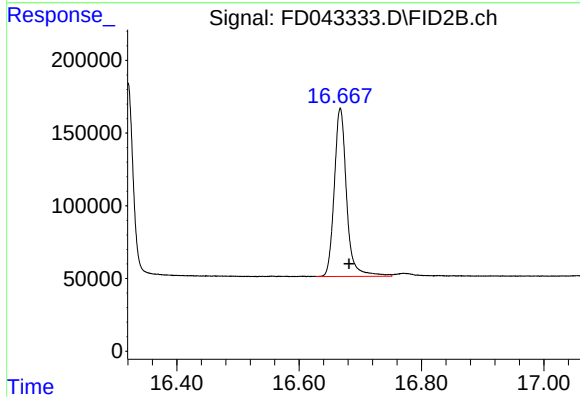
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.289 min
Delta R.T.: -0.013 min
Response: 1690170
Conc: 11.35 ug/ml



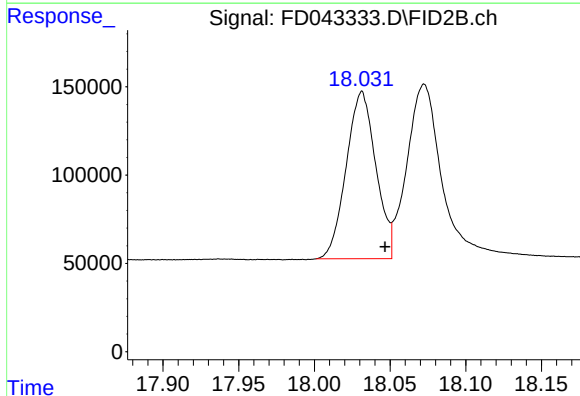
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.320 min
Delta R.T.: -0.018 min
Response: 1737737
Conc: 12.18 ug/ml



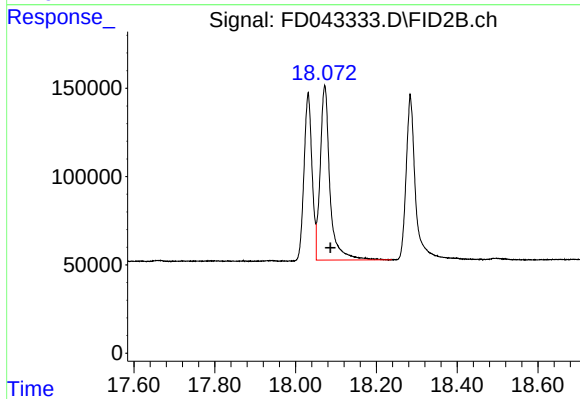
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.667 min
Delta R.T.: -0.014 min
Response: 1617192
Conc: 11.56 ug/ml



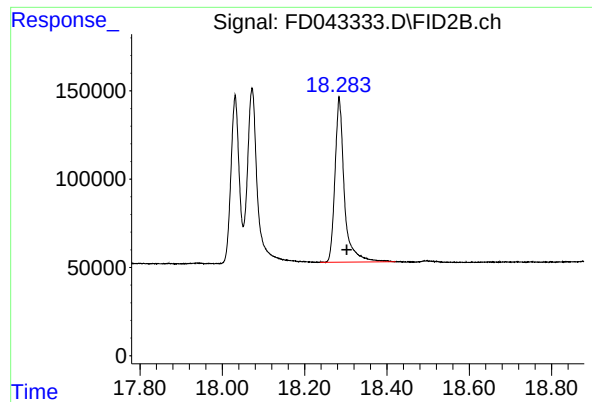
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.031 min
Delta R.T.: -0.015 min
Response: 1290191
Conc: 10.61 ug/ml



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

R.T.: 18.072 min
Delta R.T.: -0.014 min
Response: 1659093
Conc: 12.49 ug/ml



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

R.T.: 18.284 min
Delta R.T.: -0.018 min
Response: 1477864
Conc: 11.68 ug/ml