

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070822AR\
 Data File : FD043204.D
 Signal(s) : FID2B.ch
 Acq On : 08 Jul 2022 14:30
 Operator : YP/AJ
 Sample : N3214-08
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 09 03:34:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.628	6878321	44.546 ug/ml
Spiked Amount 50.000		Recovery =	89.09%
6) S 2-Fluorobiphenyl (SURR)	8.491	4646782	44.056 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.11%
11) S ortho-Terphenyl (SURR)	11.536	6997173	38.499 ug/ml
Spiked Amount 50.000		Recovery =	77.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.421	644353	3.837 ug/ml
2) T Naphthalene (C11.7)	5.961	735983	4.204 ug/ml
3) T 2-Methylnaphthalene (...)	7.014	739366	4.597 ug/ml
5) T Acenaphthylene (C15.06)	8.290	721167	4.057 ug/ml
7) T Acenaphthene (C15.5)	8.586	783288	4.473 ug/ml
8) T Flouorene (C16.55)	9.368	722989	4.171 ug/ml
9) T Phenanthrene (C19.36)	10.764	710802	4.144 ug/ml
10) T Anthracene (C19.43)	10.839	720778	4.243 ug/ml
12) T Fluoranthene (C21.85)	12.575	723273	4.313 ug/ml
14) T Benzo[a]anthracene (C...	14.787	831403	5.354 ug/ml
15) T Chrysene (C27.41)	14.787	831403	5.268 ug/ml
16) T benzo[b]fluoranthene ...	16.324	703012	4.612 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	703012	4.803 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.674	596641	4.171 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.078	820872	6.560 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	820872	6.106 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	672272	5.154 ug/ml

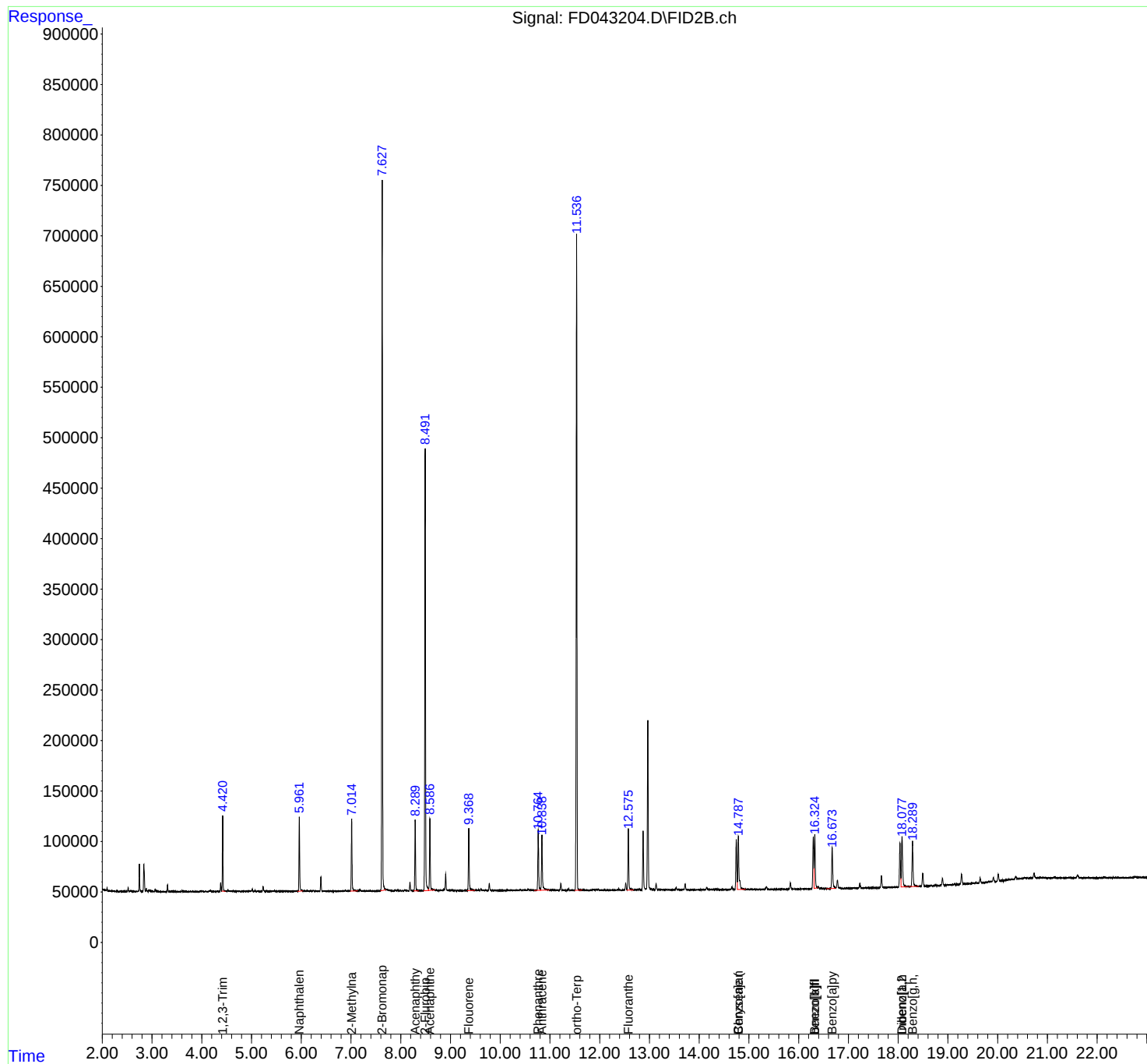
(f)=RT Delta > 1/2 Window

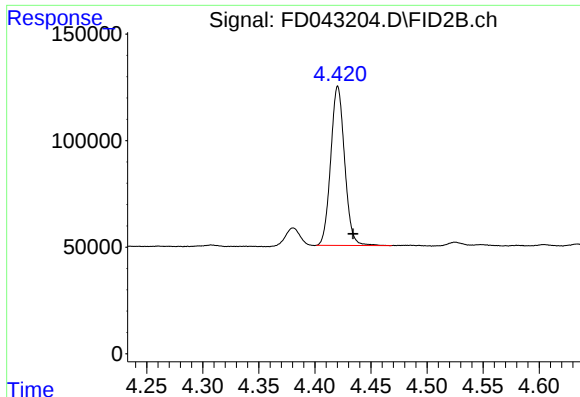
(m)=manual int.

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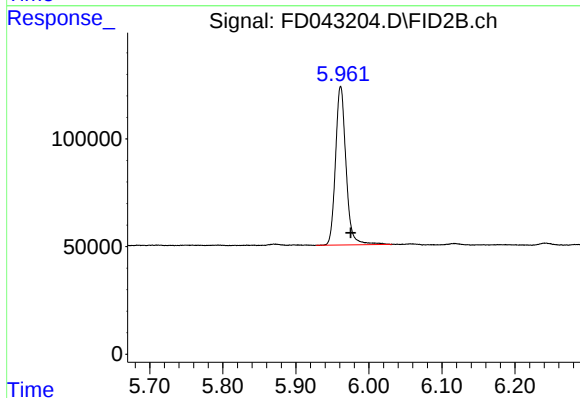
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Signal Info : 20M x 0.18mm x 0.18µm





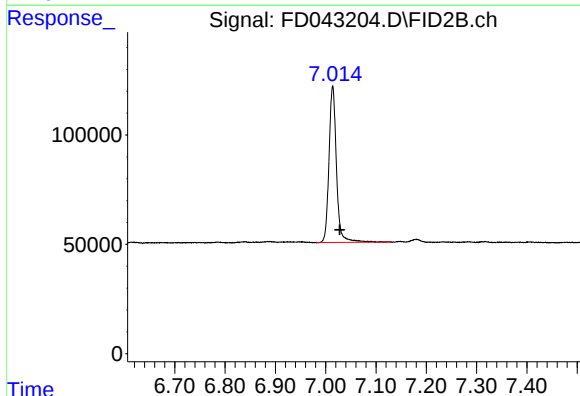
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.421 min
Delta R.T.: -0.013 min
Response: 644353
Conc: 3.84 ug/ml



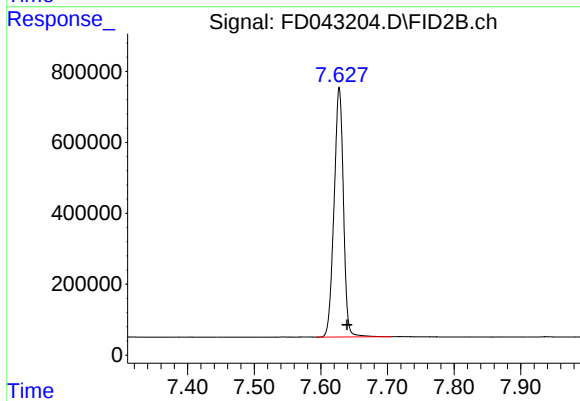
#2 Naphthalene (C11.7)

R.T.: 5.961 min
Delta R.T.: -0.014 min
Response: 735983
Conc: 4.20 ug/ml



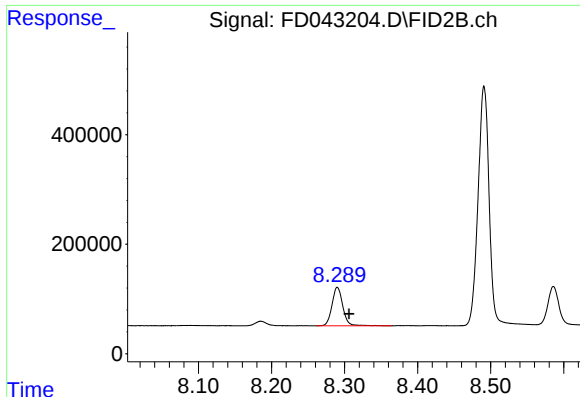
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: -0.014 min
Response: 739366
Conc: 4.60 ug/ml



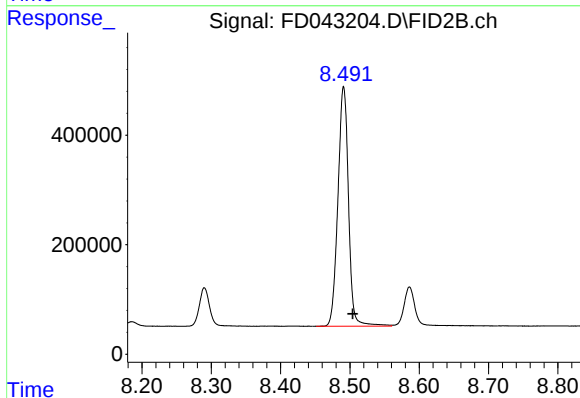
#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.012 min
Response: 6878321
Conc: 44.55 ug/ml



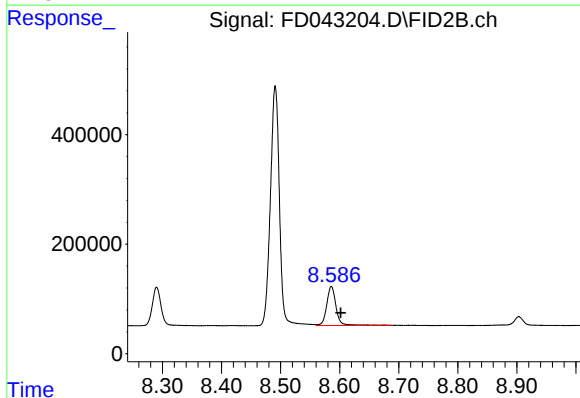
#5 Acenaphthylene (C15.06)

R.T.: 8.290 min
Delta R.T.: -0.016 min
Response: 721167
Conc: 4.06 ug/ml



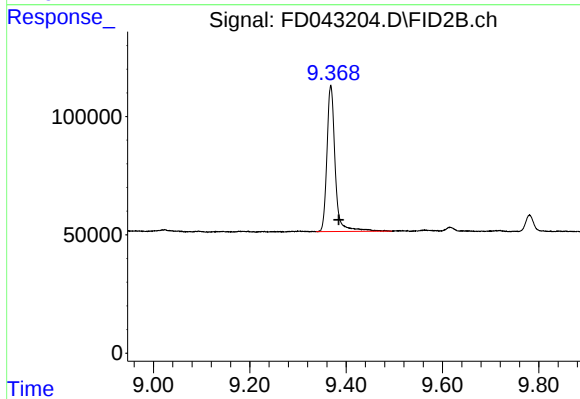
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.491 min
Delta R.T.: -0.013 min
Response: 4646782
Conc: 44.06 ug/ml



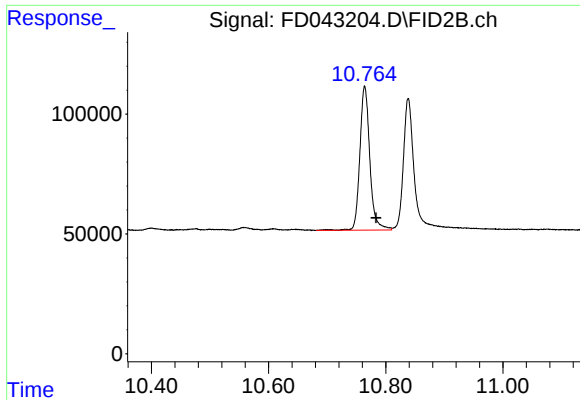
#7 Acenaphthene (C15.5)

R.T.: 8.586 min
Delta R.T.: -0.016 min
Response: 783288
Conc: 4.47 ug/ml



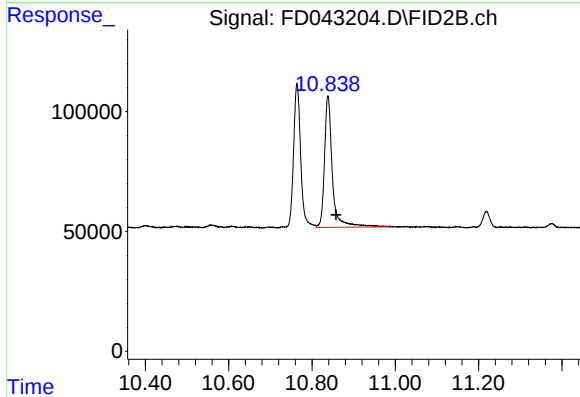
#8 Fluorene (C16.55)

R.T.: 9.368 min
Delta R.T.: -0.016 min
Response: 722989
Conc: 4.17 ug/ml



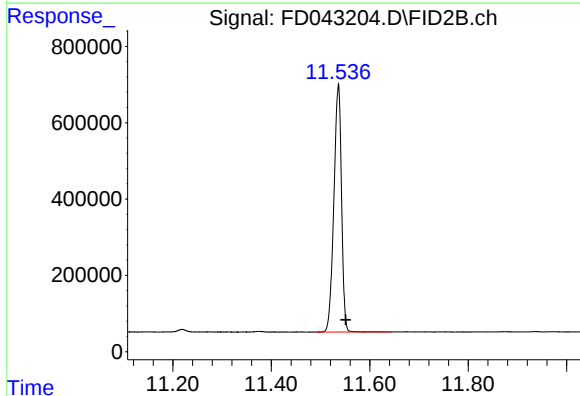
#9 Phenanthrene (C19.36)

R.T.: 10.764 min
Delta R.T.: -0.019 min
Response: 710802
Conc: 4.14 ug/ml



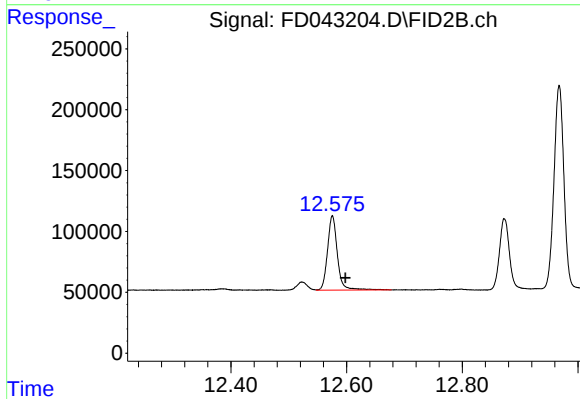
#10 Anthracene (C19.43)

R.T.: 10.839 min
Delta R.T.: -0.020 min
Response: 720778
Conc: 4.24 ug/ml



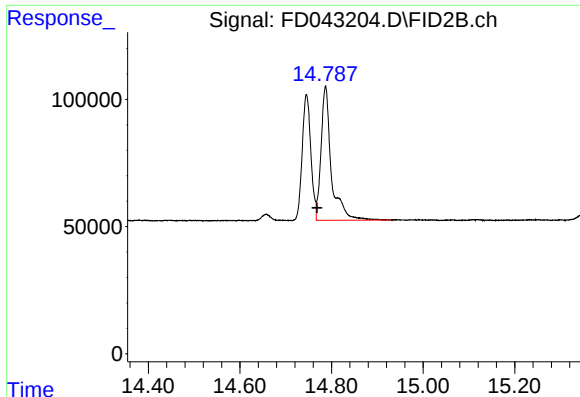
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 6997173
Conc: 38.50 ug/ml



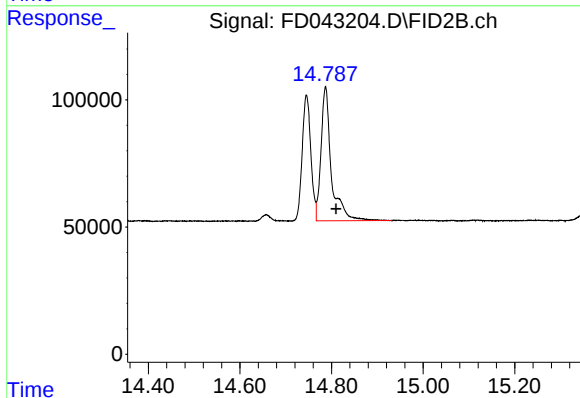
#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: -0.022 min
Response: 723273
Conc: 4.31 ug/ml



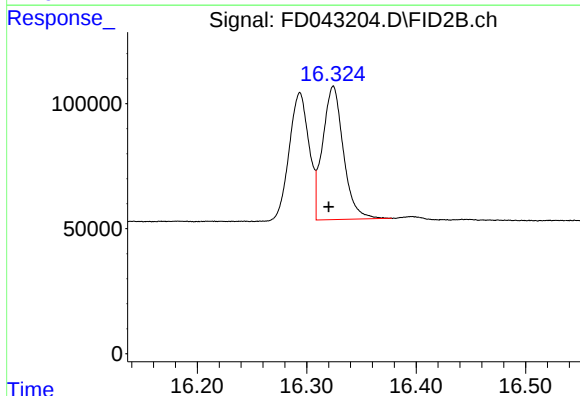
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.787 min
Delta R.T.: 0.018 min
Response: 831403
Conc: 5.35 ug/ml



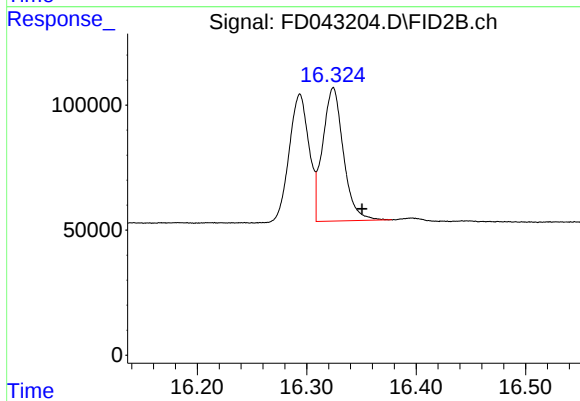
#15 Chrysene (C27.41)

R.T.: 14.787 min
Delta R.T.: -0.023 min
Response: 831403
Conc: 5.27 ug/ml



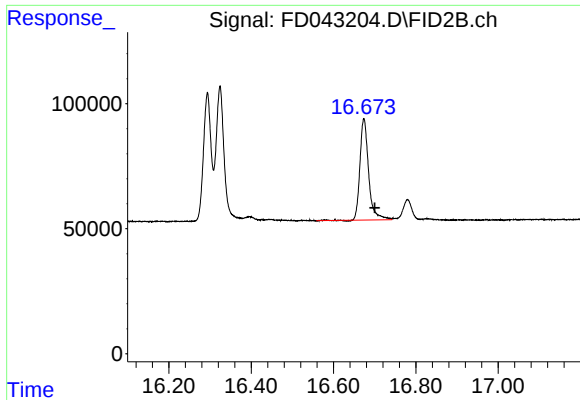
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.324 min
Delta R.T.: 0.004 min
Response: 703012
Conc: 4.61 ug/ml



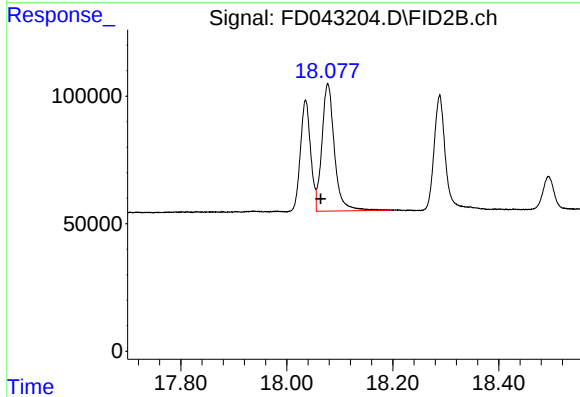
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: -0.027 min
Response: 703012
Conc: 4.80 ug/ml



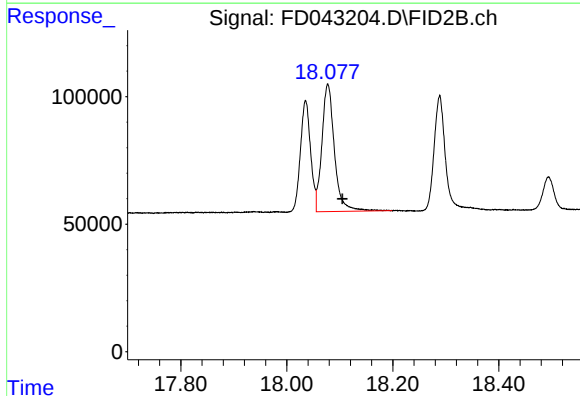
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.674 min
Delta R.T.: -0.026 min
Response: 596641
Conc: 4.17 ug/ml



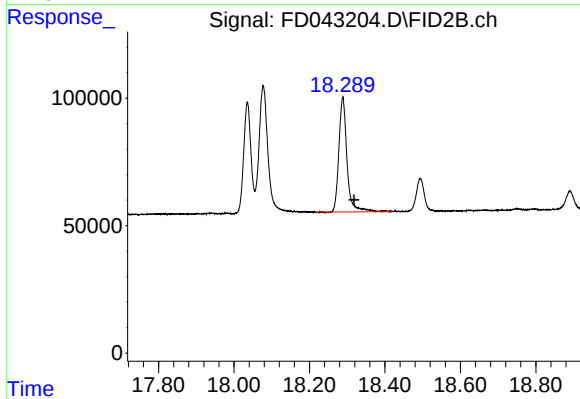
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.078 min
Delta R.T.: 0.013 min
Response: 820872
Conc: 6.56 ug/ml



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

R.T.: 18.078 min
Delta R.T.: -0.027 min
Response: 820872
Conc: 6.11 ug/ml



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

R.T.: 18.288 min
Delta R.T.: -0.030 min
Response: 672272
Conc: 5.15 ug/ml