

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022519AR\
 Data File : FD027951.D
 Signal(s) : FID2B.CH
 Acq On : 25 Feb 2019 23:32
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 26 02:27:27 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.335	1574439	21.208 ug/ml
Spiked Amount 50.000		Recovery =	42.42%
6) S 2-Fluorobiphenyl (SURR)	8.183	1031169	20.268 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.54%
11) S ortho-Terphenyl (SURR)	11.218	1741120	19.642 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.147	1837760	23.252 ug/ml
2) T Naphthalene (C11.7)	5.673	1889005	22.193 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	1832073	21.716 ug/ml
5) T Acenaphthylene (C15.06)	7.986	1703531	20.346 ug/ml
7) T Acenaphthene (C15.5)	8.281	1795432	20.426 ug/ml
8) T Fluorene (C16.55)	9.059	1709854	19.606 ug/ml
9) T Phenanthrene (C19.36)	10.444	1700680	19.360 ug/ml
10) T Anthracene (C19.43)	10.518	1696432	19.633 ug/ml
12) T Fluoranthene (C21.85)	12.244	1787200	19.963 ug/ml
13) T Pyrene (C20.8)	12.537	1779545	20.054 ug/ml
14) T Benzo[a]anthracene (C...	14.402	1851213	20.703 ug/ml
15) T Chrysene (C27.41)	14.443	1944661	21.414 ug/ml
16) T benzo[b]fluoranthene ...	15.944	1917639	19.635 ug/ml
17) T Bnezo[k]fluoranthene ...	15.976	1988032	20.106 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.318	1927672	19.715 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.676	1739719	17.543 ug/mlm
20) T Dibenz[a,h]anthracene...	17.719	1663779	16.915 ug/ml
21) T Benzo[g,h,i]perylene ...	17.927	1854130	18.289 ug/ml

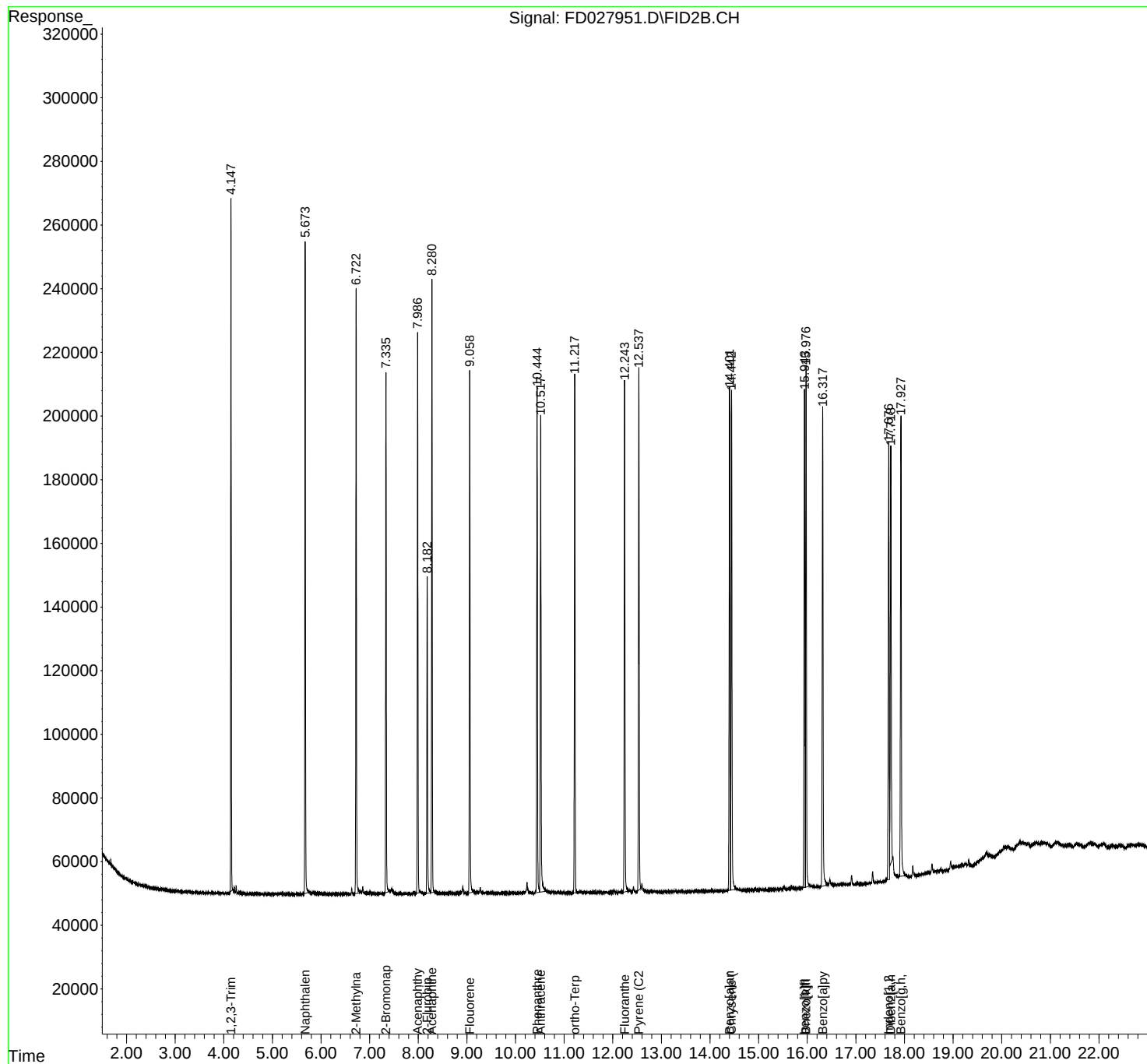
(f)=RT Delta > 1/2 Window

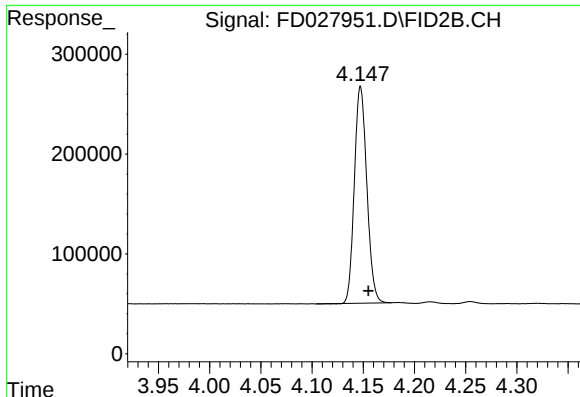
(m)=manual int.

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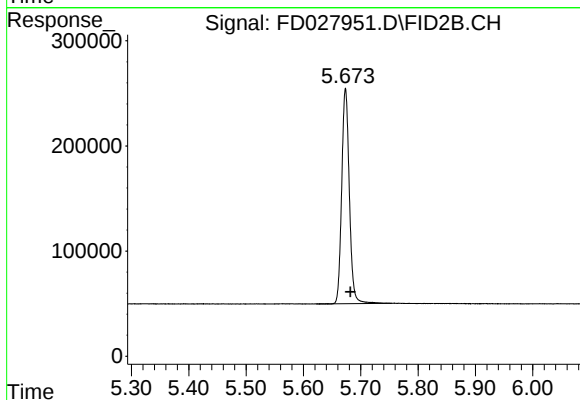
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Signal Info : 20M x 0.18mm x 0.18µm





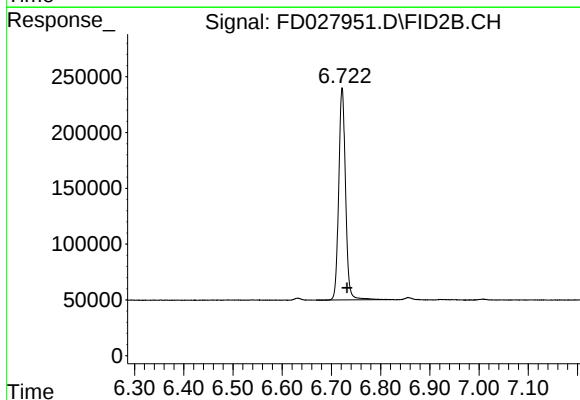
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.147 min
Delta R.T.: -0.008 min
Response: 1837760
Conc: 23.25 ug/ml



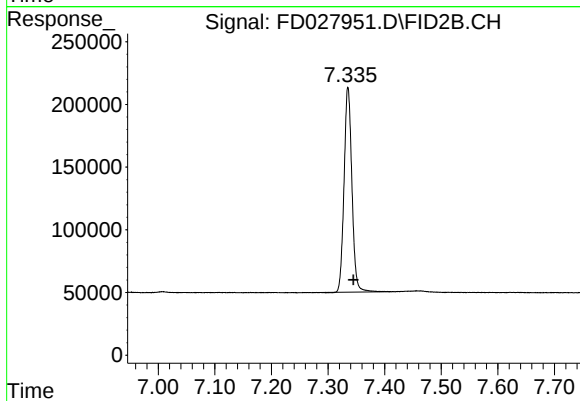
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.009 min
Response: 1889005
Conc: 22.19 ug/ml



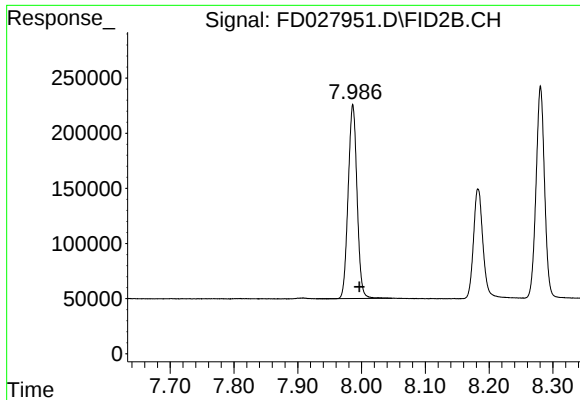
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.010 min
Response: 1832073
Conc: 21.72 ug/ml



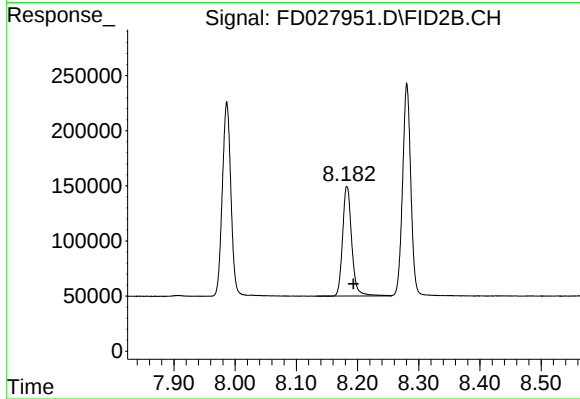
#4 2-Bromonaphthalene (SURR)

R.T.: 7.335 min
Delta R.T.: -0.010 min
Response: 1574439
Conc: 21.21 ug/ml



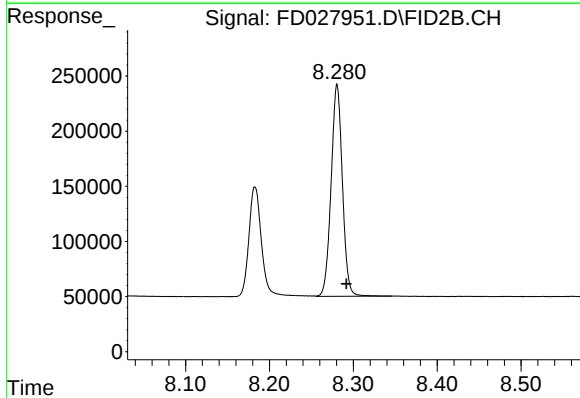
#5 Acenaphthylene (C15.06)

R.T.: 7.986 min
Delta R.T.: -0.010 min
Response: 1703531
Conc: 20.35 ug/ml



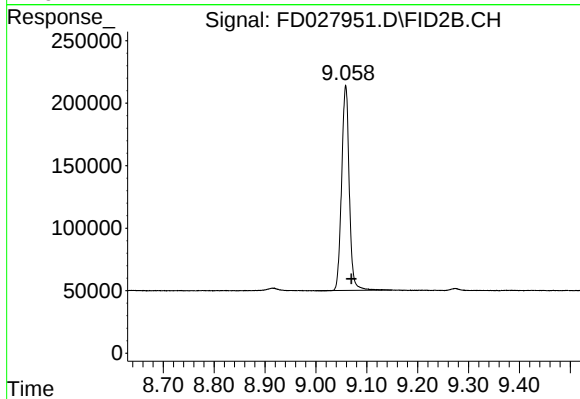
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.183 min
Delta R.T.: -0.011 min
Response: 1031169
Conc: 20.27 ug/ml



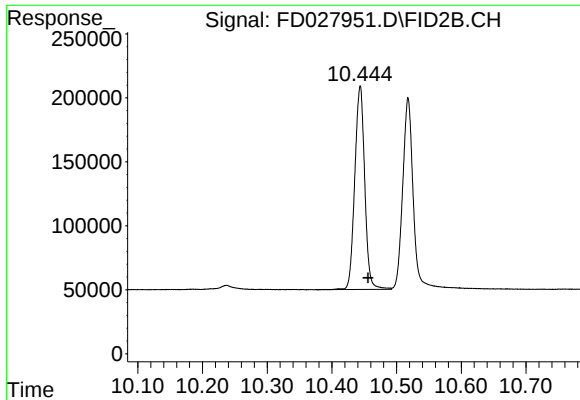
#7 Acenaphthene (C15.5)

R.T.: 8.281 min
Delta R.T.: -0.011 min
Response: 1795432
Conc: 20.43 ug/ml



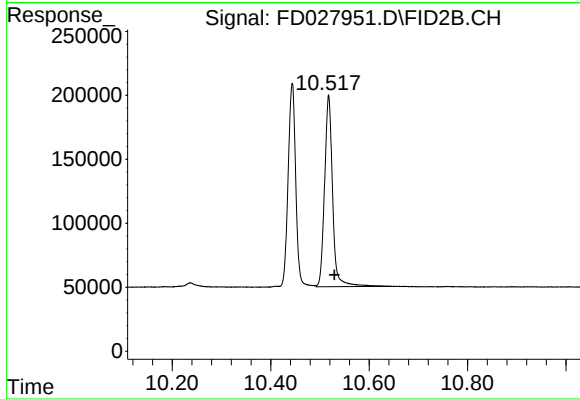
#8 Fluorene (C16.55)

R.T.: 9.059 min
Delta R.T.: -0.011 min
Response: 1709854
Conc: 19.61 ug/ml



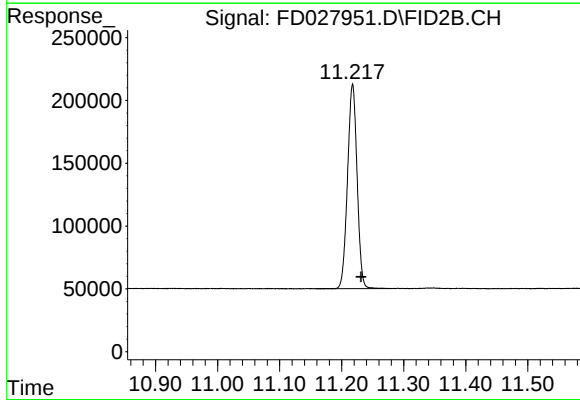
#9 Phenanthrene (C19.36)

R.T.: 10.444 min
Delta R.T.: -0.012 min
Response: 1700680
Conc: 19.36 ug/ml



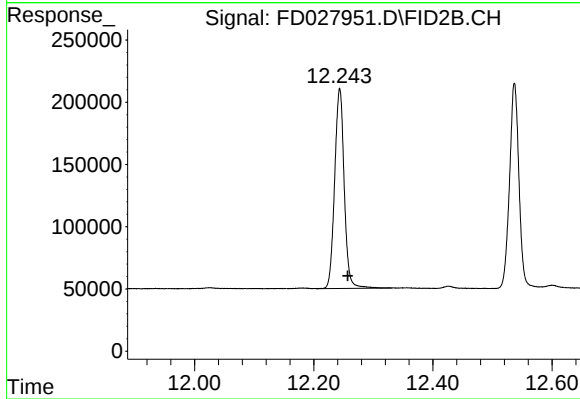
#10 Anthracene (C19.43)

R.T.: 10.518 min
Delta R.T.: -0.012 min
Response: 1696432
Conc: 19.63 ug/ml



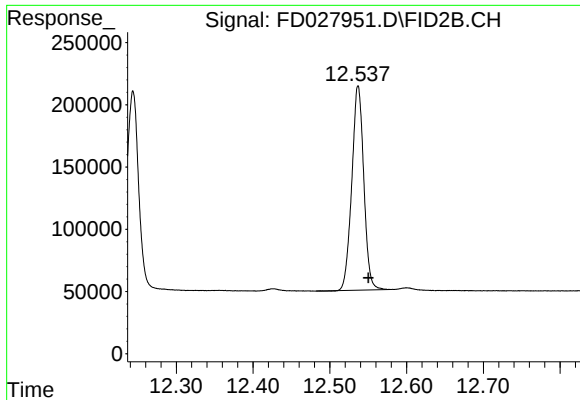
#11 ortho-Terphenyl (SURR)

R.T.: 11.218 min
Delta R.T.: -0.013 min
Response: 1741120
Conc: 19.64 ug/ml



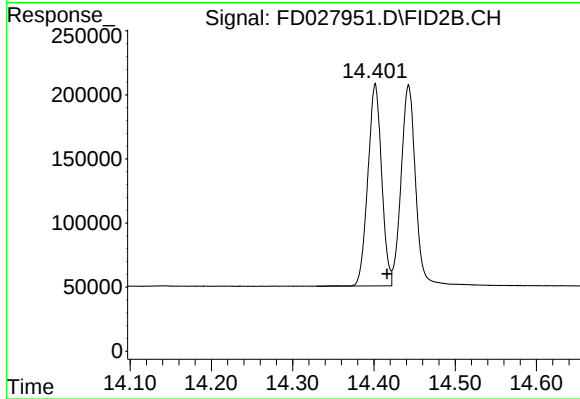
#12 Fluoranthene (C21.85)

R.T.: 12.244 min
Delta R.T.: -0.013 min
Response: 1787200
Conc: 19.96 ug/ml



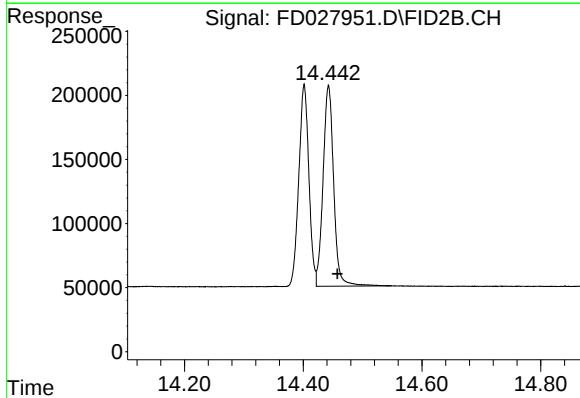
#13 Pyrene (C20.8)

R.T.: 12.537 min
Delta R.T.: -0.014 min
Response: 1779545
Conc: 20.05 ug/ml



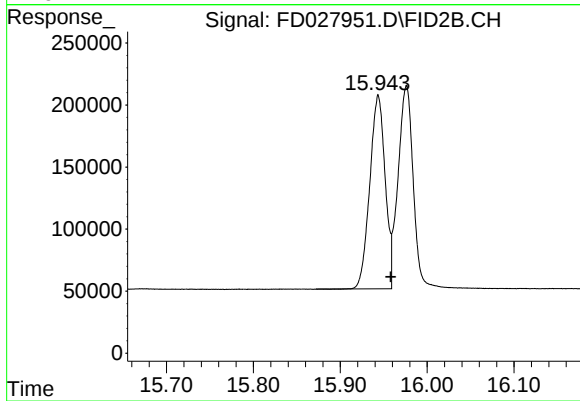
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.014 min
Response: 1851213
Conc: 20.70 ug/ml



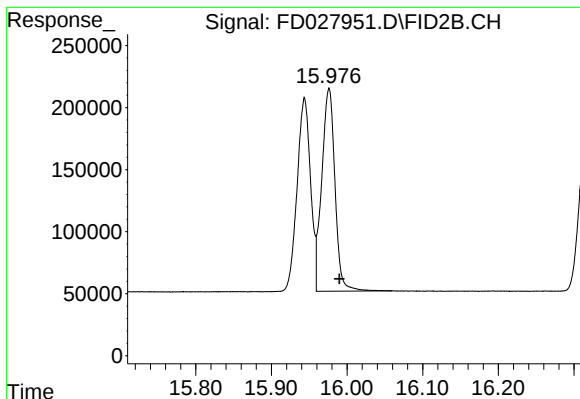
#15 Chrysene (C27.41)

R.T.: 14.443 min
Delta R.T.: -0.015 min
Response: 1944661
Conc: 21.41 ug/ml



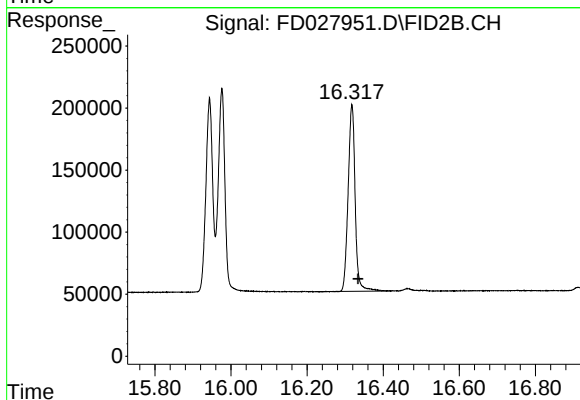
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.944 min
Delta R.T.: -0.014 min
Response: 1917639
Conc: 19.63 ug/ml



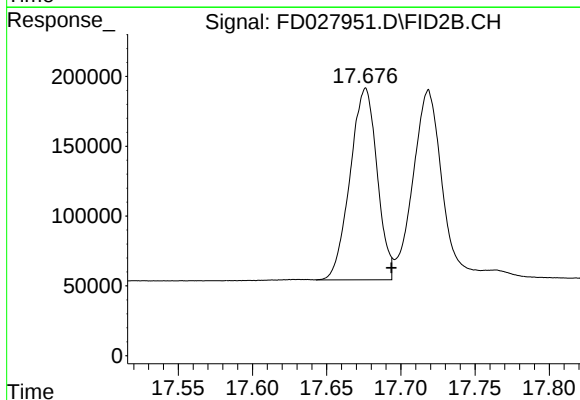
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.976 min
Delta R.T.: -0.014 min
Response: 1988032
Conc: 20.11 ug/ml



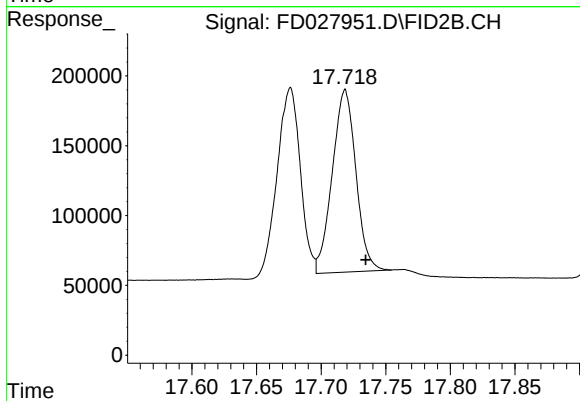
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.318 min
Delta R.T.: -0.017 min
Response: 1927672
Conc: 19.72 ug/ml



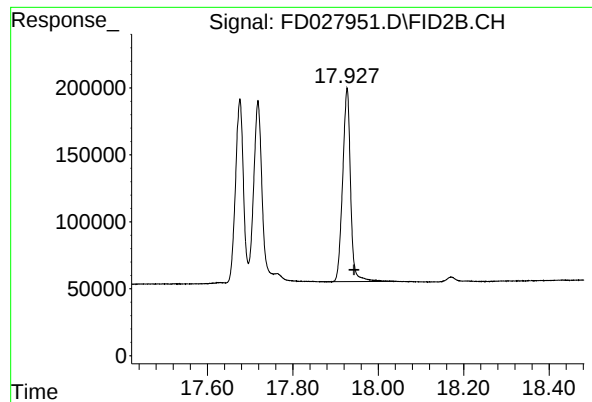
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.676 min
Delta R.T.: -0.018 min
Response: 1739719
Conc: 17.54 ug/ml m



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

R.T.: 17.719 min
Delta R.T.: -0.016 min
Response: 1663779
Conc: 16.91 ug/ml



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

R.T.: 17.927 min
Delta R.T.: -0.017 min
Response: 1854130
Conc: 18.29 ug/ml