

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021519AR\
 Data File : FD027771.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2019 10:51
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 00:20:38 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...	7.336	1714565	23.095 ug/ml
Spiked Amount 50.000		Recovery =	46.19%
6) S 2-Fluorobiphenyl (SURR)	8.184	1130719	22.224 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.45%
11) S ortho-Terphenyl (SURR)	11.222	1770438	19.972 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.145	1766200	22.347 ug/ml
2) T Naphthalene (C11.7)	5.673	1978732	23.247 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	1956234	23.188 ug/ml
5) T Acenaphthylene (C15.06)	7.987	1855427	22.160 ug/ml
7) T Acenaphthene (C15.5)	8.282	1922434	21.871 ug/ml
8) T Flouorene (C16.55)	9.060	1700359	19.497 ug/ml
9) T Phenanthrene (C19.36)	10.447	1723833	19.624 ug/ml
10) T Anthracene (C19.43)	10.521	1483029	17.163 ug/ml
12) T Fluoranthene (C21.85)	12.248	1866414	20.848 ug/ml
13) T Pyrene (C20.8)	12.540	1843177	20.772 ug/ml
14) T Benzo[a]anthracene (C...	14.407	1792409	20.046 ug/ml
15) T Chrysene (C27.41)	14.448	1918691	21.128 ug/ml
16) T benzo[b]fluoranthene ...	15.950	2159847	22.115 ug/ml
17) T Bnezo[k]fluoranthene ...	15.982	2066443	20.899 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.325	1990316	20.356 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.686	2124945	21.428 ug/ml
20) T Dibenz[a,h]anthracene...	17.727	1885623	19.170 ug/ml
21) T Benzo[g,h,i]perylene ...	17.936	2143595	21.144 ug/ml

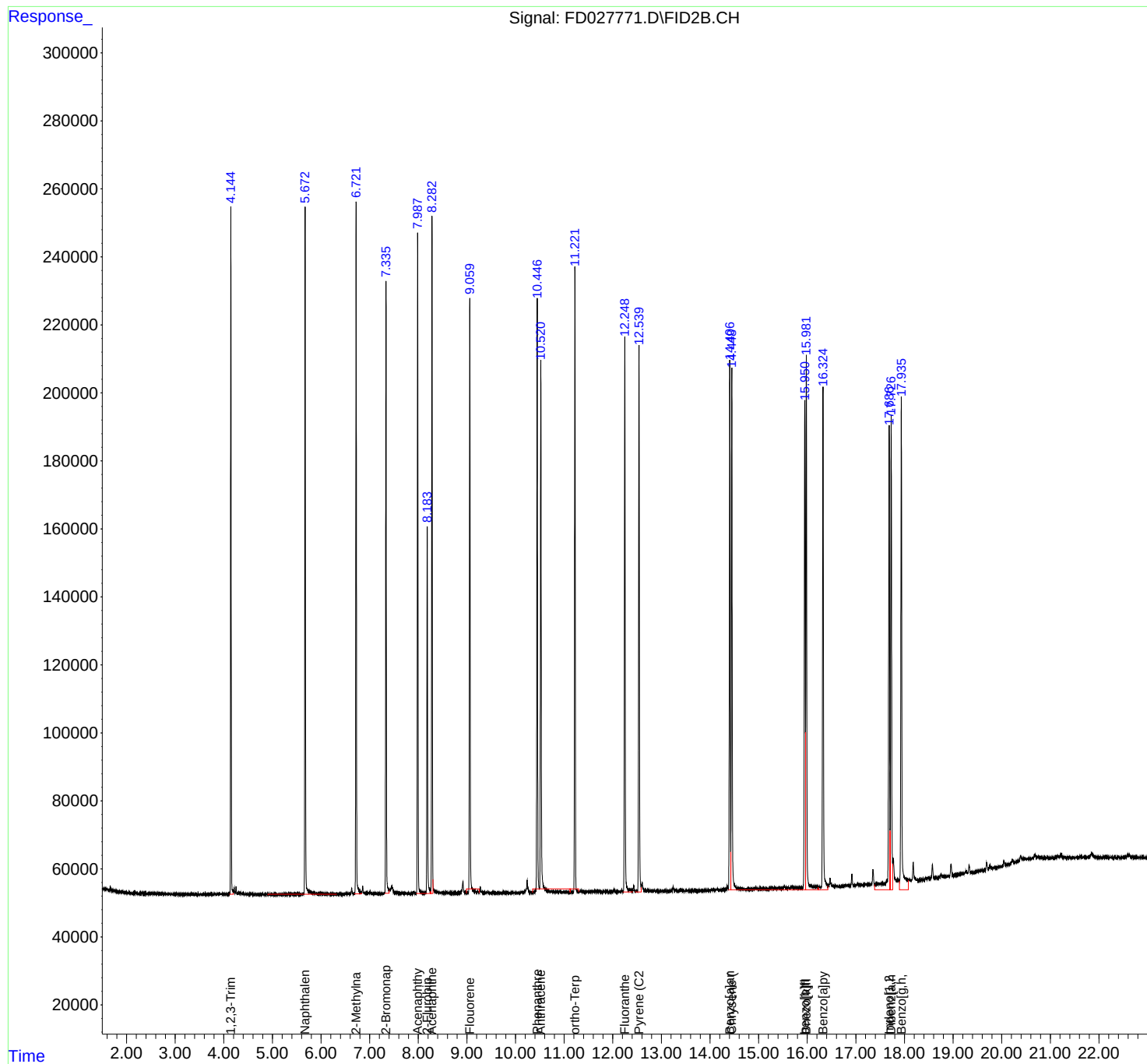
(f)=RT Delta > 1/2 Window

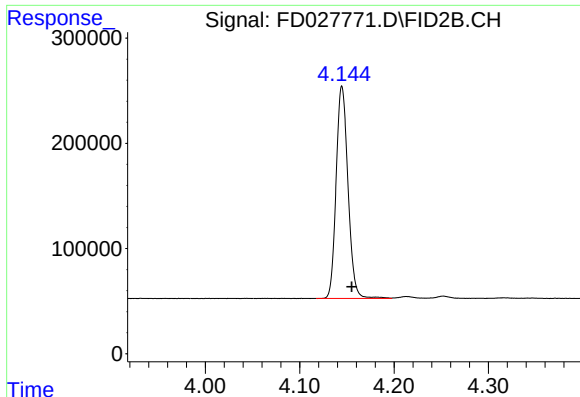
(m)=manual int.

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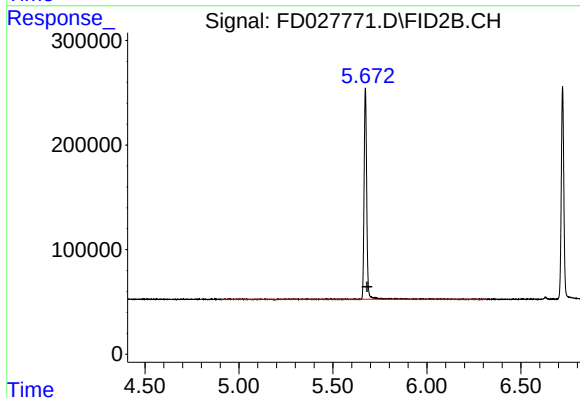
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Signal Info : 20M x 0.18mm x 0.18µm





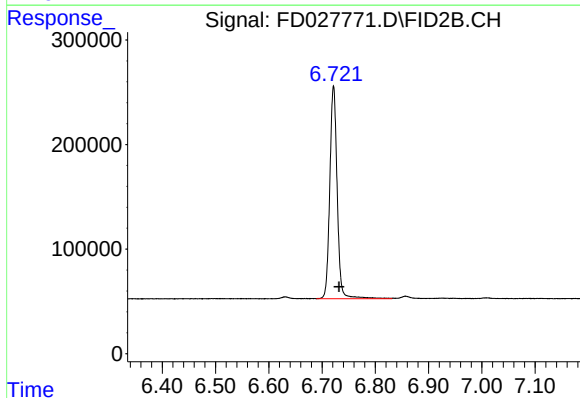
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.145 min
Delta R.T.: -0.010 min
Response: 1766200
Conc: 22.35 ug/ml



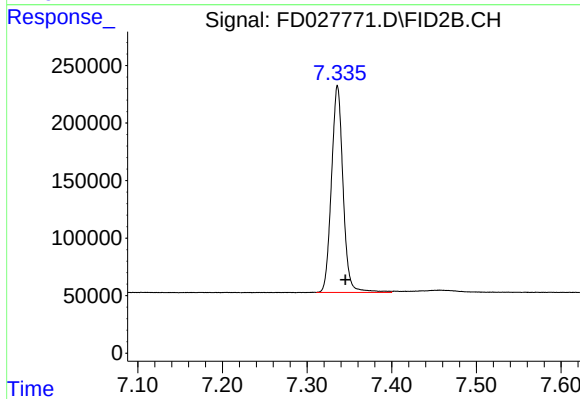
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.010 min
Response: 1978732
Conc: 23.25 ug/ml



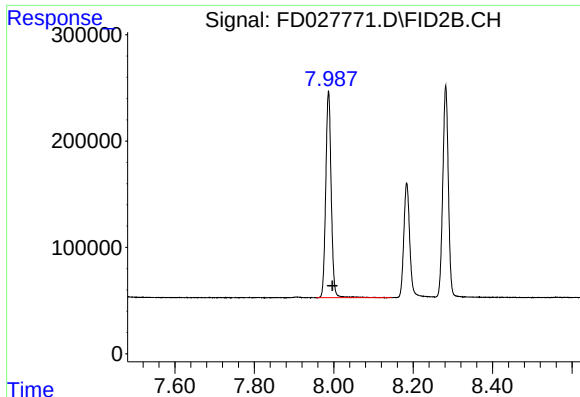
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.010 min
Response: 1956234
Conc: 23.19 ug/ml



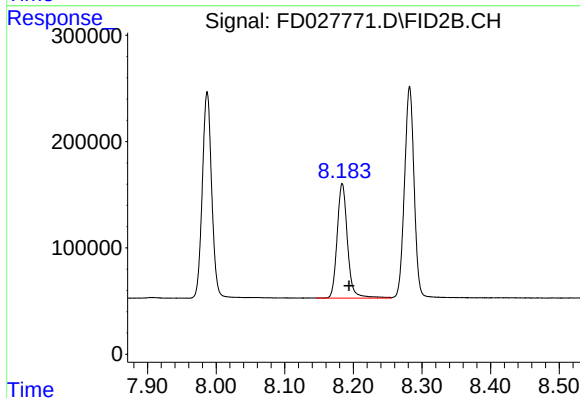
#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.009 min
Response: 1714565
Conc: 23.09 ug/ml



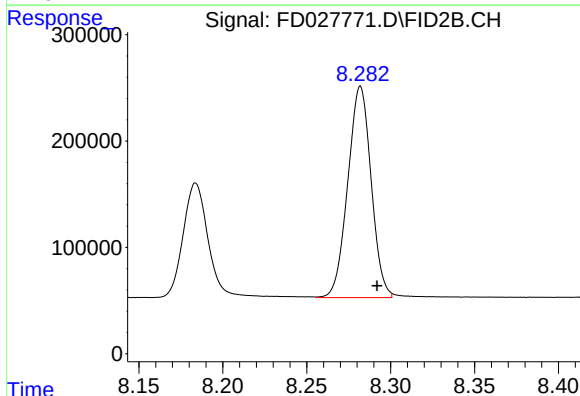
#5 Acenaphthylene (C15.06)

R.T.: 7.987 min
Delta R.T.: -0.010 min
Response: 1855427
Conc: 22.16 ug/ml



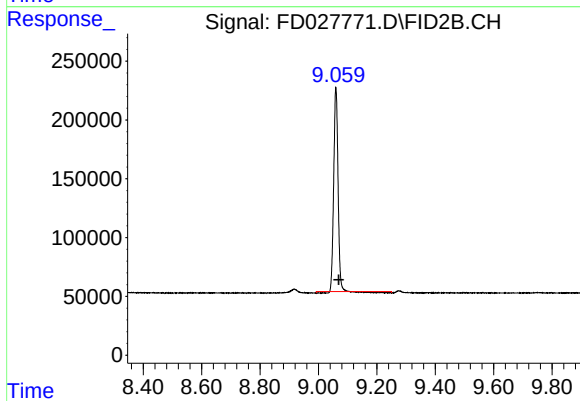
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.010 min
Response: 1130719
Conc: 22.22 ug/ml



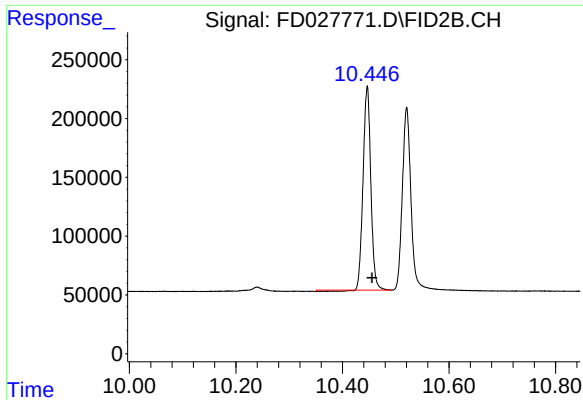
#7 Acenaphthene (C15.5)

R.T.: 8.282 min
Delta R.T.: -0.010 min
Response: 1922434
Conc: 21.87 ug/ml



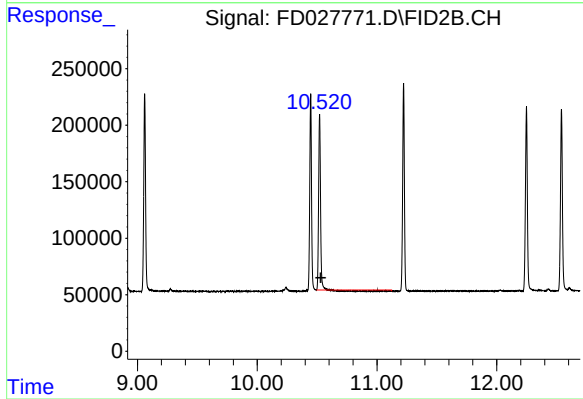
#8 Flouorene (C16.55)

R.T.: 9.060 min
Delta R.T.: -0.010 min
Response: 1700359
Conc: 19.50 ug/ml



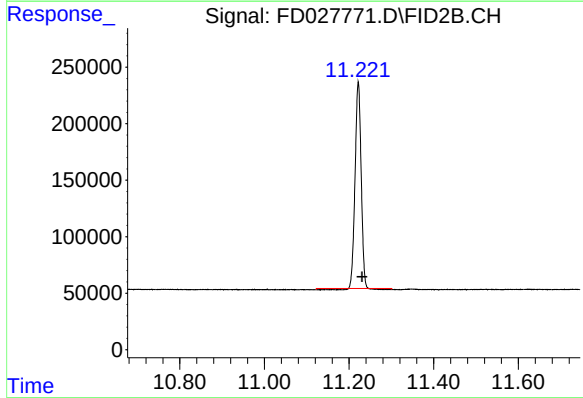
#9 Phenanthrene (C19.36)

R.T.: 10.447 min
Delta R.T.: -0.009 min
Response: 1723833
Conc: 19.62 ug/ml



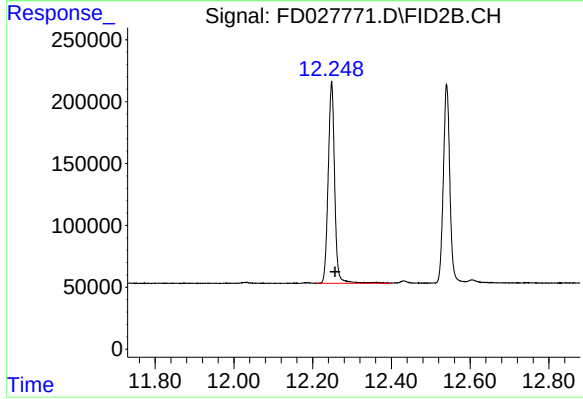
#10 Anthracene (C19.43)

R.T.: 10.521 min
Delta R.T.: -0.009 min
Response: 1483029
Conc: 17.16 ug/ml



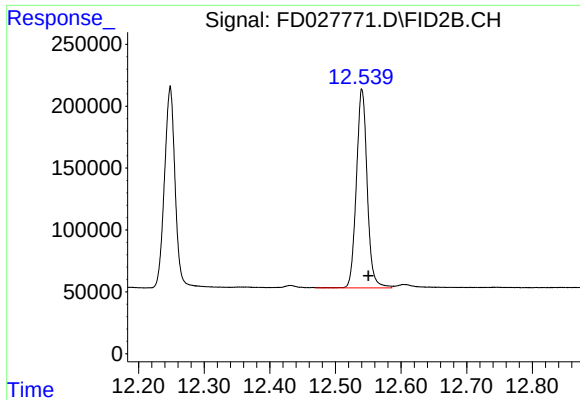
#11 ortho-Terphenyl (SURR)

R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 1770438
Conc: 19.97 ug/ml



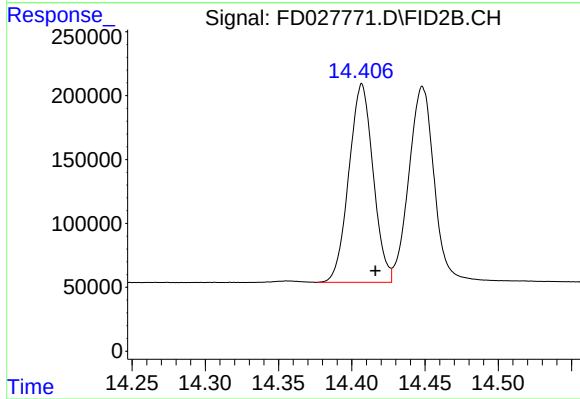
#12 Fluoranthene (C21.85)

R.T.: 12.248 min
Delta R.T.: -0.009 min
Response: 1866414
Conc: 20.85 ug/ml



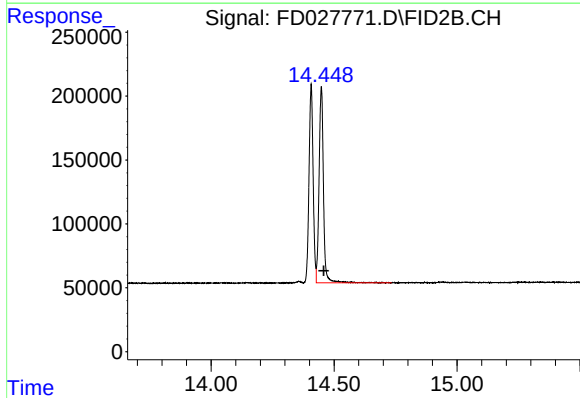
#13 Pyrene (C20.8)

R.T.: 12.540 min
Delta R.T.: -0.010 min
Response: 1843177
Conc: 20.77 ug/ml



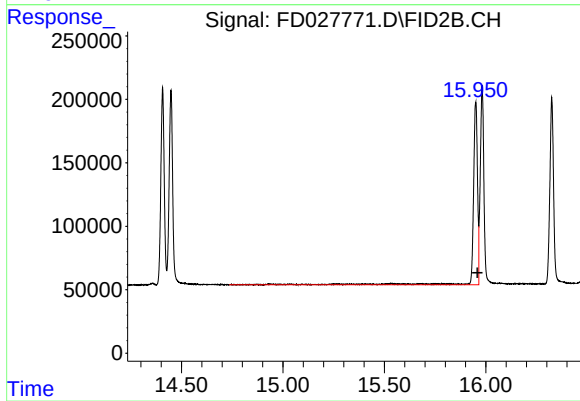
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.407 min
Delta R.T.: -0.009 min
Response: 1792409
Conc: 20.05 ug/ml



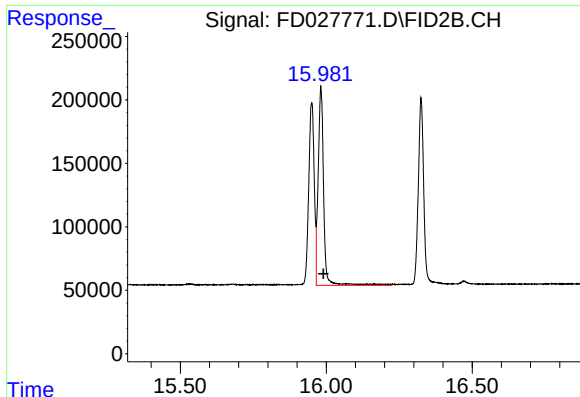
#15 Chrysene (C27.41)

R.T.: 14.448 min
Delta R.T.: -0.009 min
Response: 1918691
Conc: 21.13 ug/ml



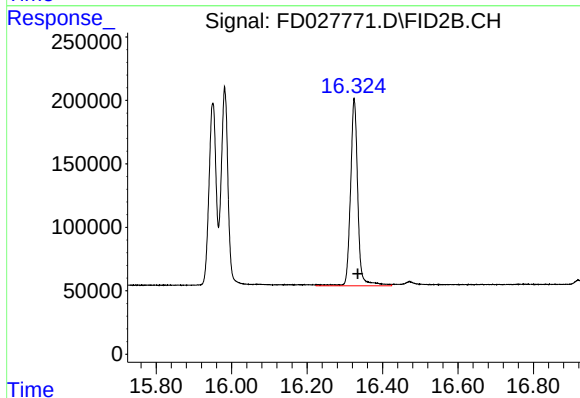
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.950 min
Delta R.T.: -0.008 min
Response: 2159847
Conc: 22.11 ug/ml



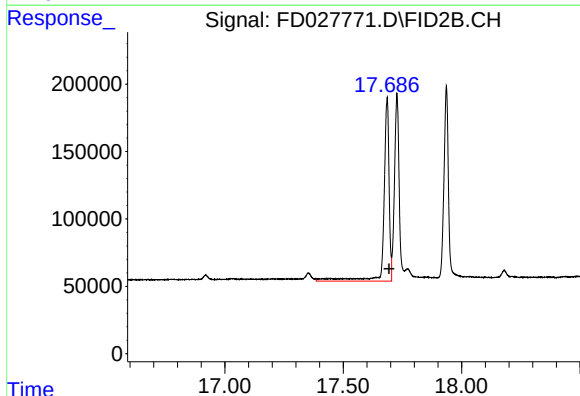
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.982 min
Delta R.T.: -0.008 min
Response: 2066443
Conc: 20.90 ug/ml



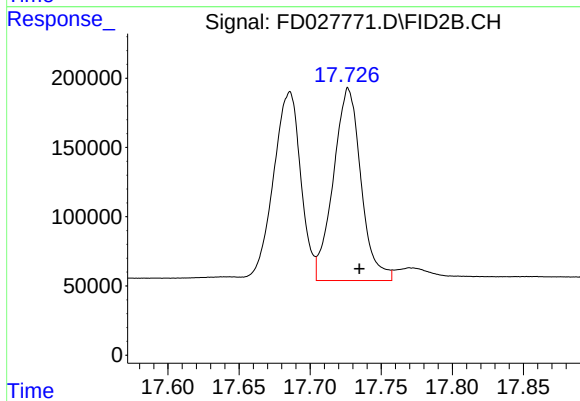
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.325 min
Delta R.T.: -0.010 min
Response: 1990316
Conc: 20.36 ug/ml



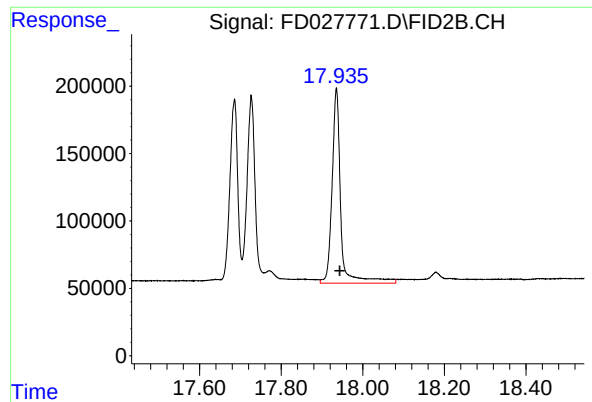
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.686 min
Delta R.T.: -0.008 min
Response: 2124945
Conc: 21.43 ug/ml



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

R.T.: 17.727 min
Delta R.T.: -0.008 min
Response: 1885623
Conc: 19.17 ug/ml



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

R.T.: 17.936 min
Delta R.T.: -0.008 min
Response: 2143595
Conc: 21.14 ug/ml