

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022119AR\
 Data File : FD027871.D
 Signal(s) : FID2B.CH
 Acq On : 21 Feb 2019 11:59
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 02:11:51 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...	7.338	1732324	23.334 ug/ml
Spiked Amount 50.000		Recovery =	46.67%
6) S 2-Fluorobiphenyl (SURR)	8.186	1088717	21.399 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.80%
11) S ortho-Terphenyl (SURR)	11.222	1692406	19.092 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.149	1958053	24.774 ug/ml
2) T Naphthalene (C11.7)	5.675	2073736	24.363 ug/mlm
3) T 2-Methylnaphthalene (...)	6.724	2012195	23.851 ug/ml
5) T Acenaphthylene (C15.06)	7.989	1801819	21.520 ug/mlm
7) T Acenaphthene (C15.5)	8.284	1861541	21.178 ug/mlm
8) T Flouorene (C16.55)	9.062	1768661	20.281 ug/mlm
9) T Phenanthrene (C19.36)	10.446	1623624	18.483 ug/mlm
10) T Anthracene (C19.43)	10.520	1626802	18.827 ug/mlm
12) T Fluoranthene (C21.85)	12.248	1699922	18.988 ug/mlm
13) T Pyrene (C20.8)	12.540	1722366	19.410 ug/ml
14) T Benzo[a]anthracene (C...	14.406	1792739	20.050 ug/mlm
15) T Chrysene (C27.41)	14.447	1835158	20.208 ug/mlm
16) T benzo[b]fluoranthene ...	15.948	1801945	18.450 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.980	1897502	19.191 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.323	1915289	19.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.681	1729394	17.439 ug/ml
20) T Dibenz[a,h]anthracene...	17.722	1865379	18.964 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.930	1831856	18.069 ug/mlm

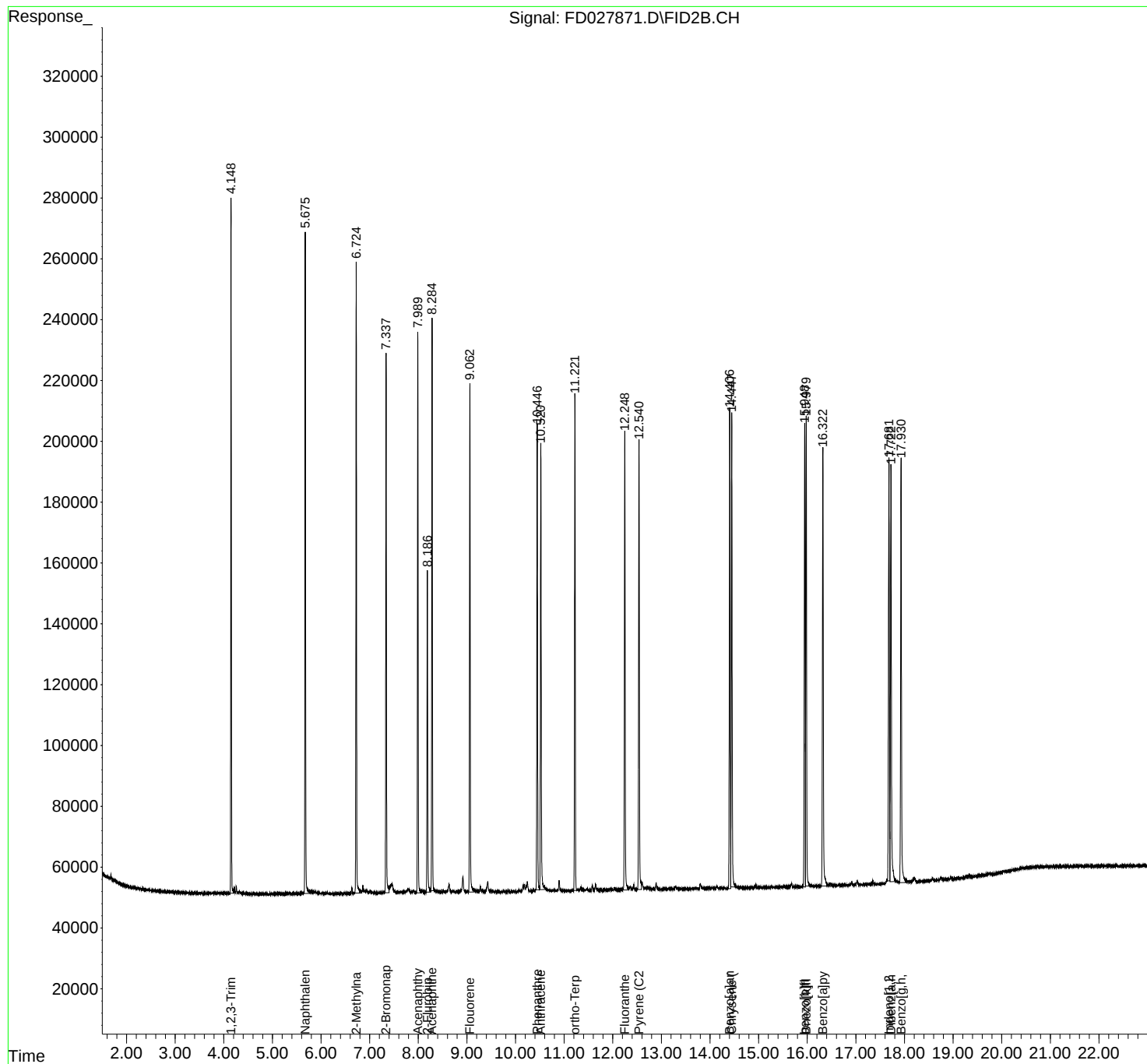
(f)=RT Delta > 1/2 Window

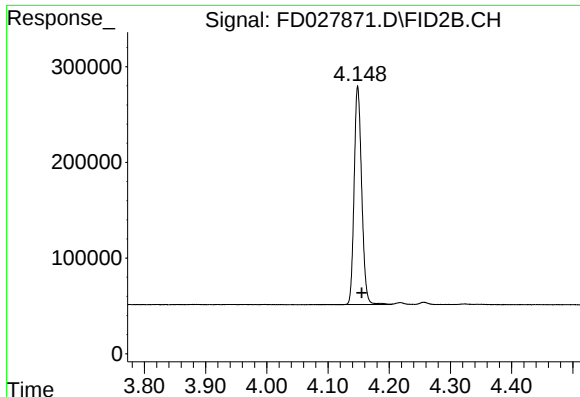
(m)=manual int.

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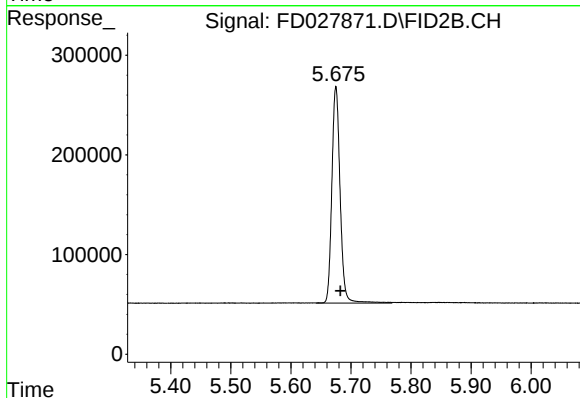
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





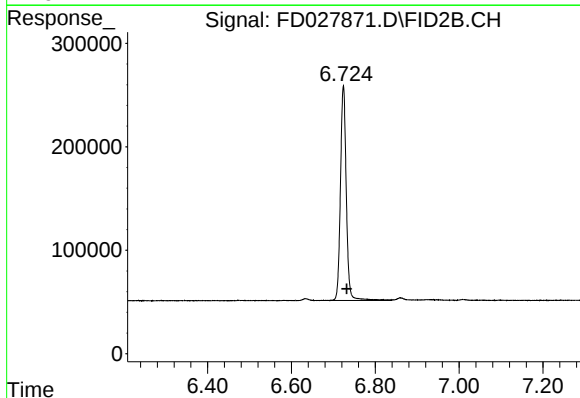
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.149 min
Delta R.T.: -0.006 min
Response: 1958053
Conc: 24.77 ug/ml



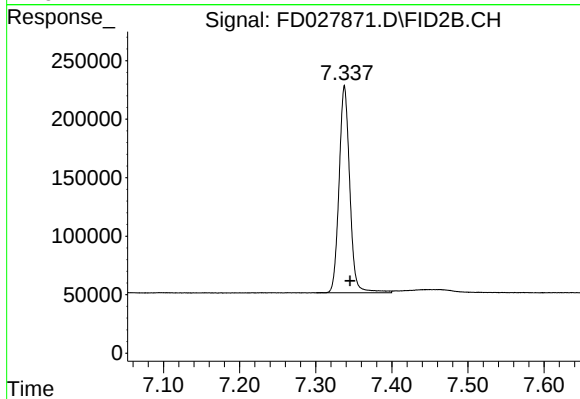
#2 Naphthalene (C11.7)

R.T.: 5.675 min
Delta R.T.: -0.007 min
Response: 2073736
Conc: 24.36 ug/ml m



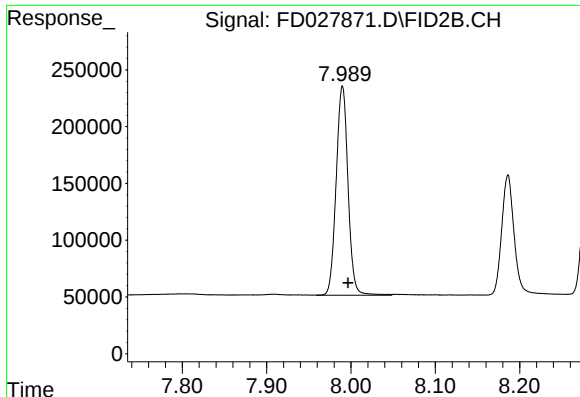
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.008 min
Response: 2012195
Conc: 23.85 ug/ml



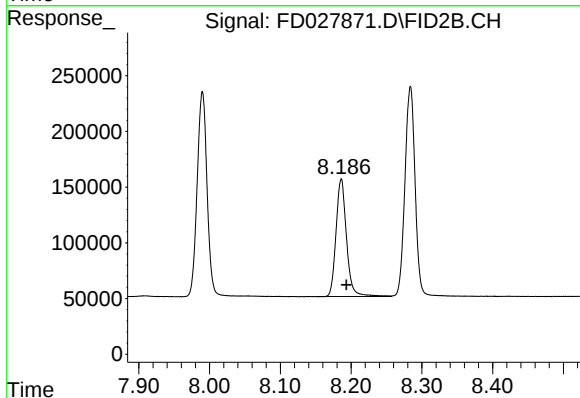
#4 2-Bromonaphthalene (SURR)

R.T.: 7.338 min
Delta R.T.: -0.007 min
Response: 1732324
Conc: 23.33 ug/ml



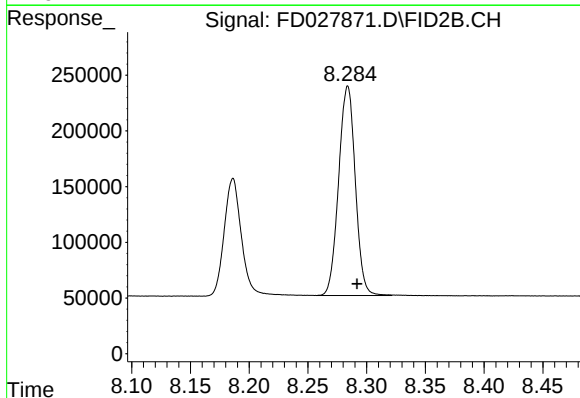
#5 Acenaphthylene (C15.06)

R.T.: 7.989 min
Delta R.T.: -0.007 min
Response: 1801819
Conc: 21.52 ug/ml m



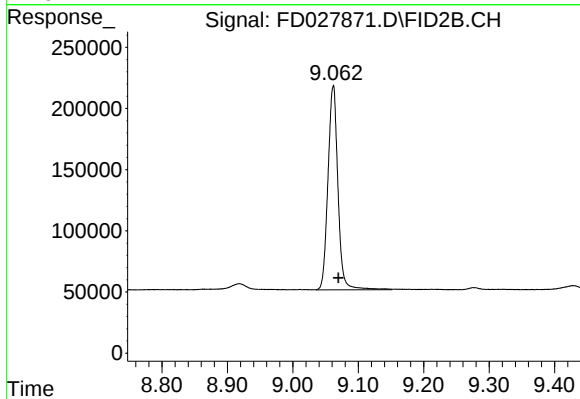
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.186 min
Delta R.T.: -0.007 min
Response: 1088717
Conc: 21.40 ug/ml



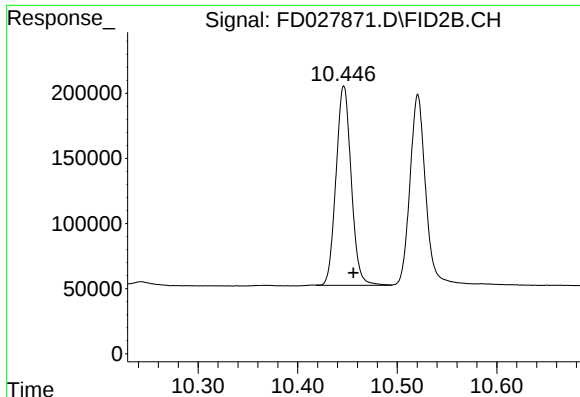
#7 Acenaphthene (C15.5)

R.T.: 8.284 min
Delta R.T.: -0.008 min
Response: 1861541
Conc: 21.18 ug/ml m



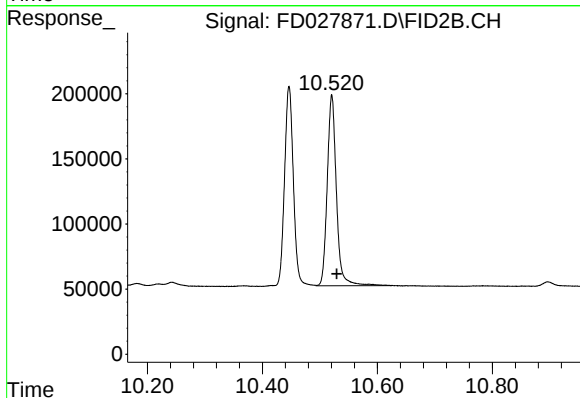
#8 Flouorene (C16.55)

R.T.: 9.062 min
Delta R.T.: -0.008 min
Response: 1768661
Conc: 20.28 ug/ml m



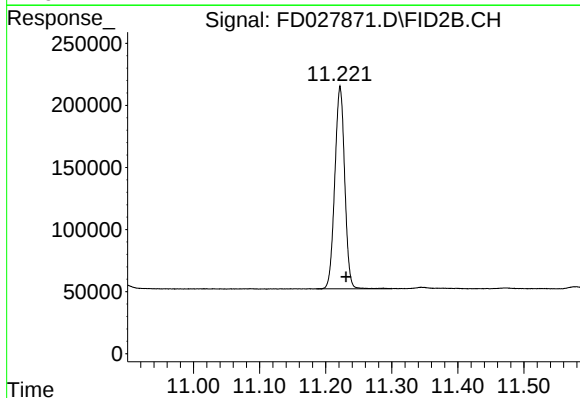
#9 Phenanthrene (C19.36)

R.T.: 10.446 min
Delta R.T.: -0.010 min
Response: 1623624
Conc: 18.48 ug/ml m



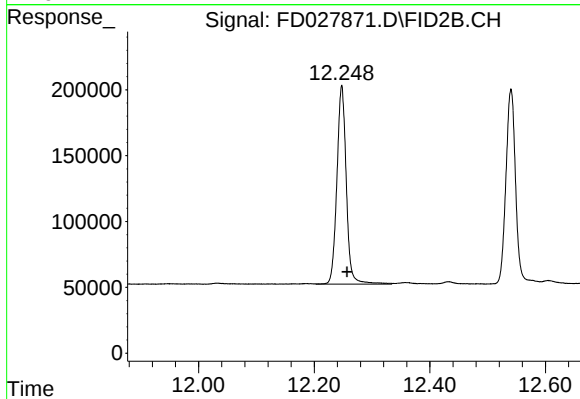
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.009 min
Response: 1626802
Conc: 18.83 ug/ml m



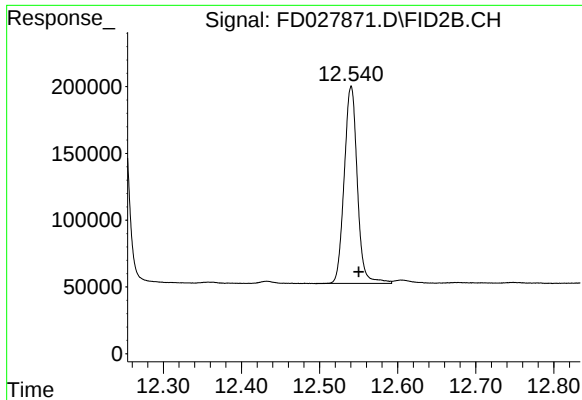
#11 ortho-Terphenyl (SURR)

R.T.: 11.222 min
Delta R.T.: -0.009 min
Response: 1692406
Conc: 19.09 ug/ml



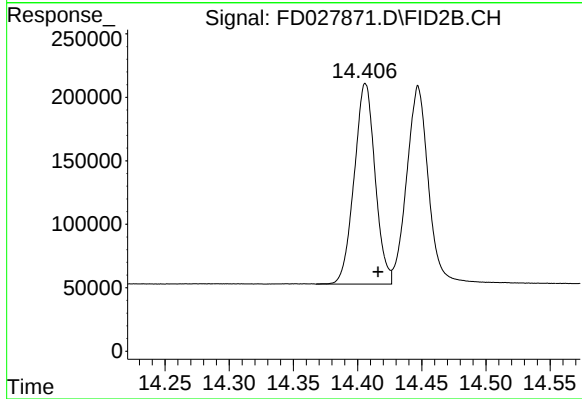
#12 Fluoranthene (C21.85)

R.T.: 12.248 min
Delta R.T.: -0.009 min
Response: 1699922
Conc: 18.99 ug/ml m



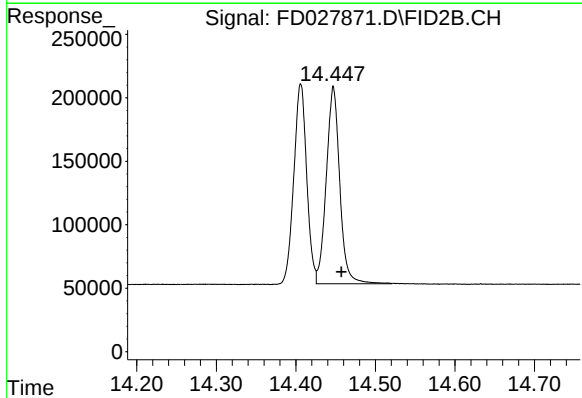
#13 Pyrene (C20.8)

R.T.: 12.540 min
Delta R.T.: -0.010 min
Response: 1722366
Conc: 19.41 ug/ml



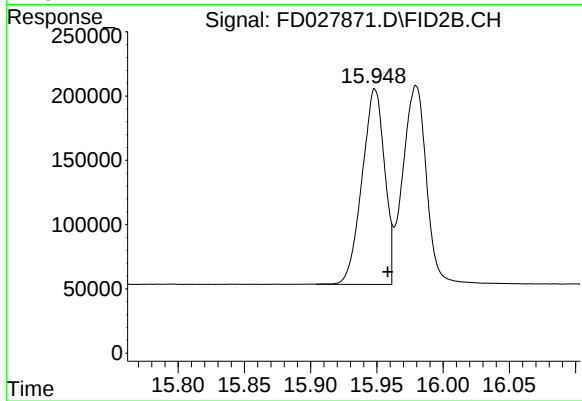
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.406 min
Delta R.T.: -0.010 min
Response: 1792739
Conc: 20.05 ug/ml m



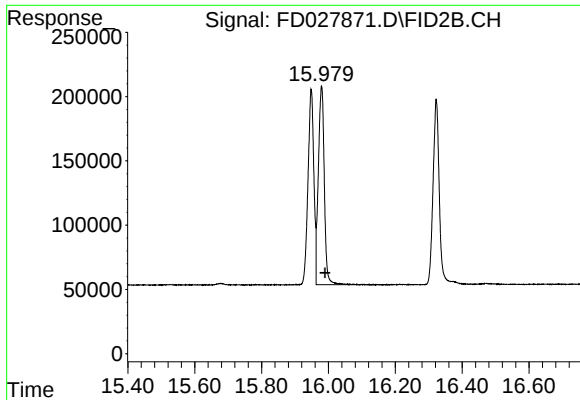
#15 Chrysene (C27.41)

R.T.: 14.447 min
Delta R.T.: -0.011 min
Response: 1835158
Conc: 20.21 ug/ml m



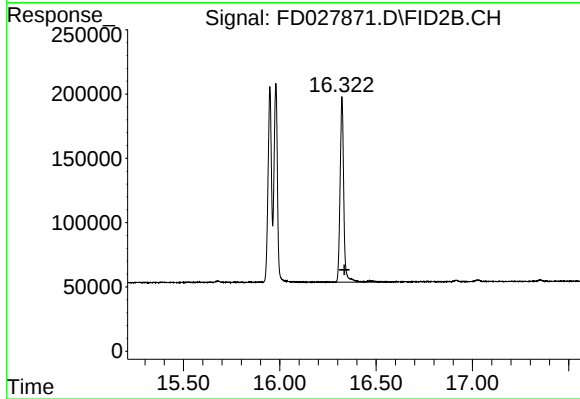
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.948 min
Delta R.T.: -0.010 min
Response: 1801945
Conc: 18.45 ug/ml m



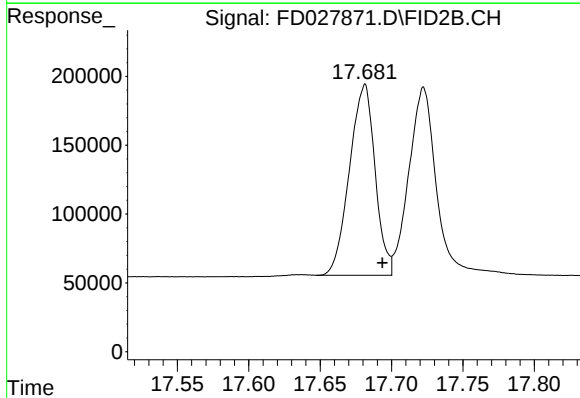
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.980 min
Delta R.T.: -0.010 min
Response: 1897502
Conc: 19.19 ug/ml



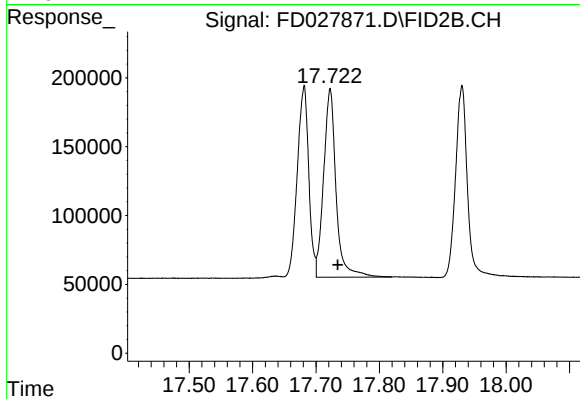
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.323 min
Delta R.T.: -0.012 min
Response: 1915289
Conc: 19.59 ug/ml



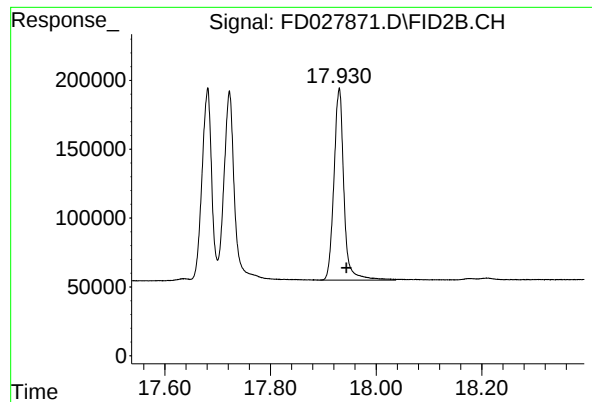
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.681 min
Delta R.T.: -0.012 min
Response: 1729394
Conc: 17.44 ug/ml



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

R.T.: 17.722 min
Delta R.T.: -0.012 min
Response: 1865379
Conc: 18.96 ug/ml m



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

R.T.: 17.930 min
Delta R.T.: -0.014 min
Response: 1831856
Conc: 18.07 ug/ml m