

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081418AR\
 Data File : FD025371.D
 Signal(s) : FID2B.CH
 Acq On : 14 Aug 2018 20:40
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 15 08:18:58 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072018.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 21 00:37:31 2018
 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...	7.438	1502441	19.463 ug/ml
Spiked Amount 50.000		Recovery =	38.93%
6) S 2-Fluorobiphenyl (SURR)	8.291	1045888	19.451 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.90%
11) S ortho-Terphenyl (SURR)	11.335	1687704	19.887 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	1569572	20.096 ug/ml
2) T Naphthalene (C11.7)	5.773	1721539	19.983 ug/ml
3) T 2-Methylnaphthalene (...)	6.824	1696417	19.730 ug/ml
5) T Acenaphthylene (C15.06)	8.095	1659421	19.537 ug/ml
7) T Acenaphthene (C15.5)	8.390	1732047	19.453 ug/ml
8) T Flouorene (C16.55)	9.169	1717213	19.281 ug/ml
9) T Phenanthrene (C19.36)	10.559	1753790	19.581 ug/ml
10) T Anthracene (C19.43)	10.633	1725651	19.597 ug/ml
12) T Fluoranthene (C21.85)	12.364	1834961	20.885 ug/ml
13) T Pyrene (C20.8)	12.661	1858816	21.152 ug/ml
14) T Benzo[a]anthracene (C...	14.531	1862882	22.336 ug/ml
15) T Chrysene (C27.41)	14.572	1876401	22.274 ug/ml
16) T benzo[b]fluoranthene ...	16.078	1954793	21.727 ug/ml
17) T Bnezo[k]fluoranthene ...	16.111	1944519	21.598 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.454	1949869	21.184 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.817	1911921	20.265 ug/ml
20) T Dibenz[a,h]anthracene...	17.859	1856599	20.288 ug/ml
21) T Benzo[g,h,i]perylene ...	18.069	1963301	20.266 ug/ml

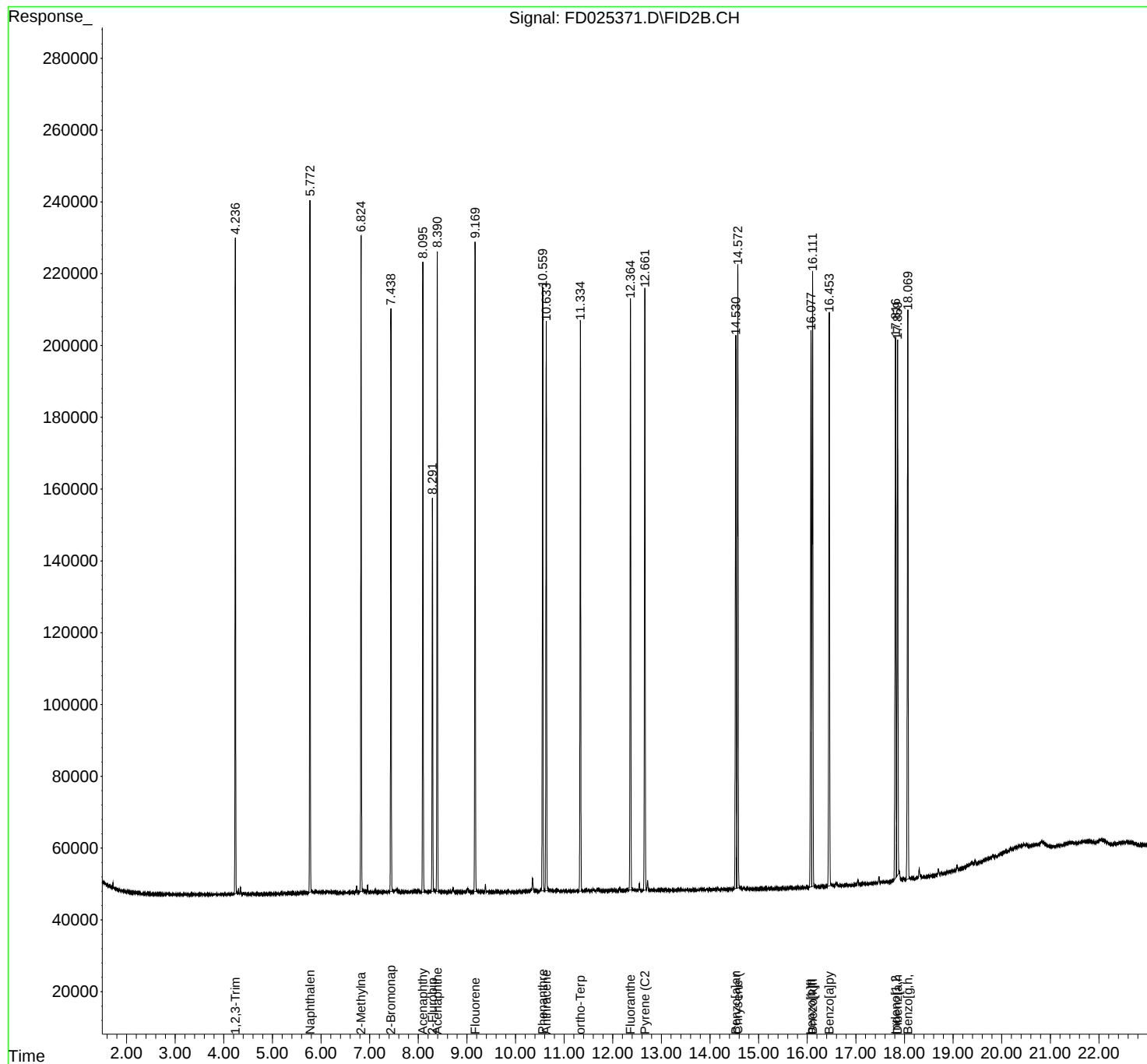
(f)=RT Delta > 1/2 Window

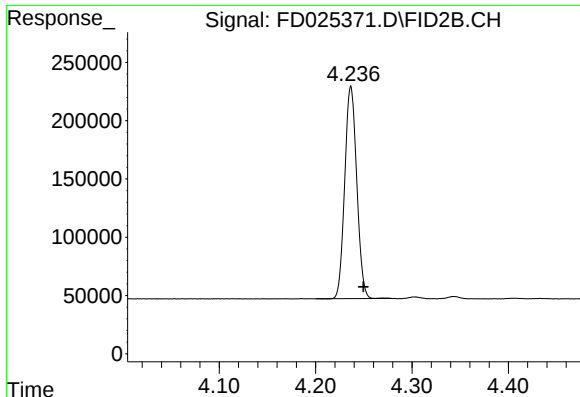
(m)=manual int.

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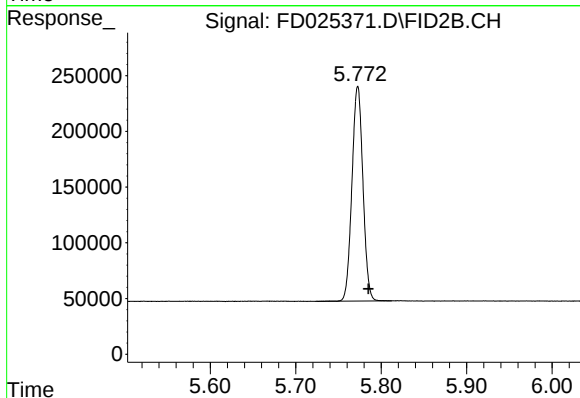
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





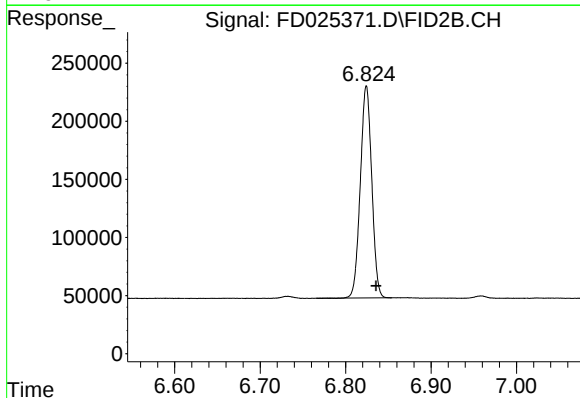
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.237 min
Delta R.T.: -0.013 min
Response: 1569572
Conc: 20.10 ug/ml



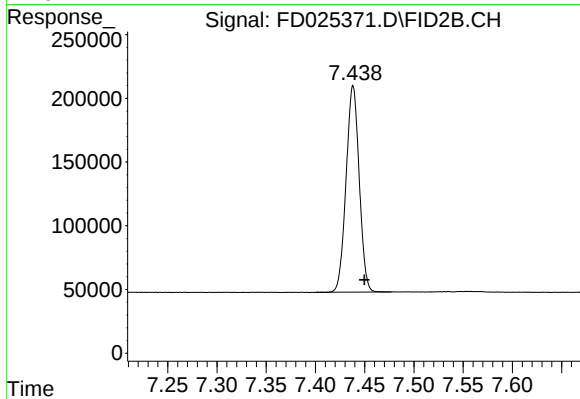
#2 Naphthalene (C11.7)

R.T.: 5.773 min
Delta R.T.: -0.012 min
Response: 1721539
Conc: 19.98 ug/ml



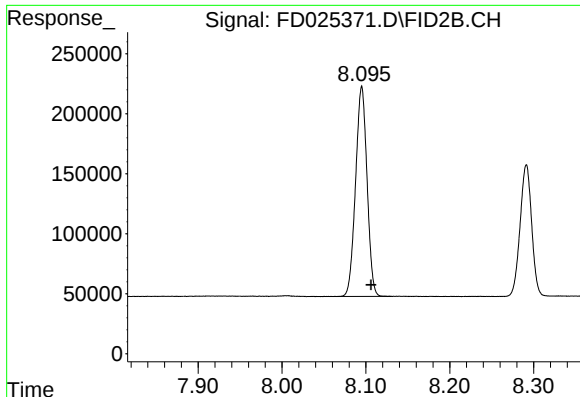
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.824 min
Delta R.T.: -0.011 min
Response: 1696417
Conc: 19.73 ug/ml



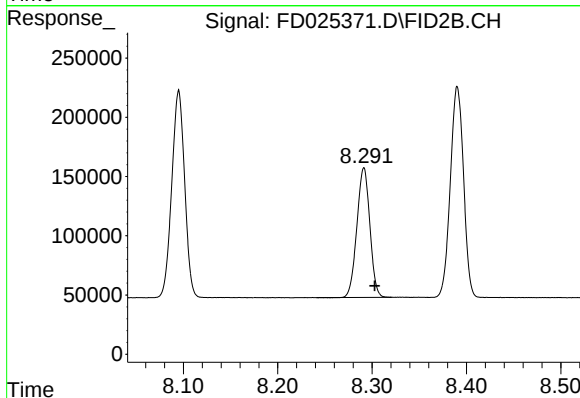
#4 2-Bromonaphthalene (SURR)

R.T.: 7.438 min
Delta R.T.: -0.011 min
Response: 1502441
Conc: 19.46 ug/ml



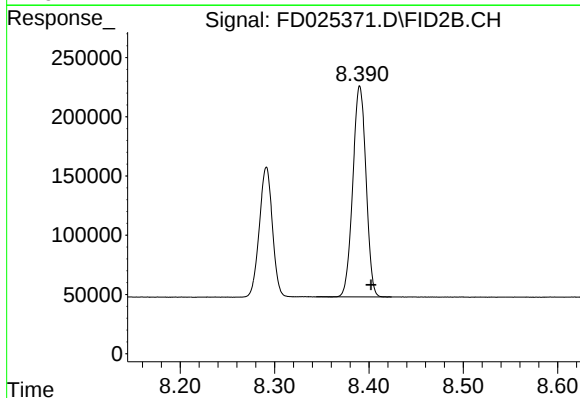
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: -0.011 min
Response: 1659421
Conc: 19.54 ug/ml



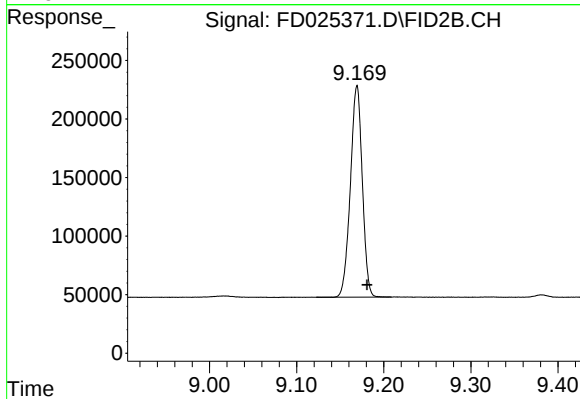
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.291 min
Delta R.T.: -0.011 min
Response: 1045888
Conc: 19.45 ug/ml



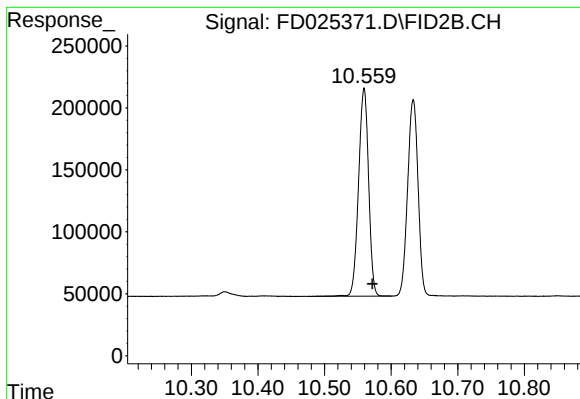
#7 Acenaphthene (C15.5)

R.T.: 8.390 min
Delta R.T.: -0.012 min
Response: 1732047
Conc: 19.45 ug/ml



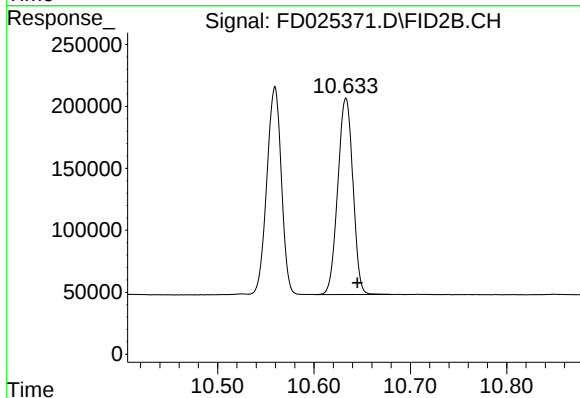
#8 Fluorene (C16.55)

R.T.: 9.169 min
Delta R.T.: -0.012 min
Response: 1717213
Conc: 19.28 ug/ml



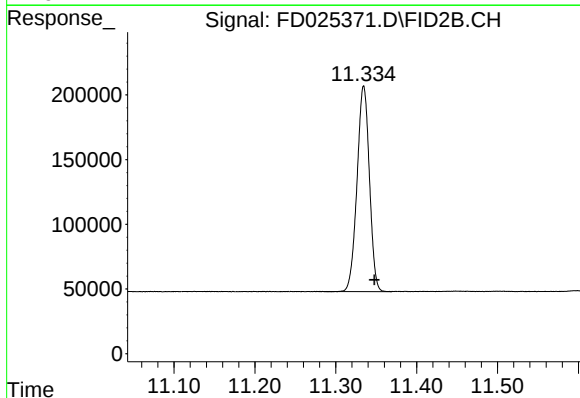
#9 Phenanthrene (C19.36)

R.T.: 10.559 min
Delta R.T.: -0.013 min
Response: 1753790
Conc: 19.58 ug/ml



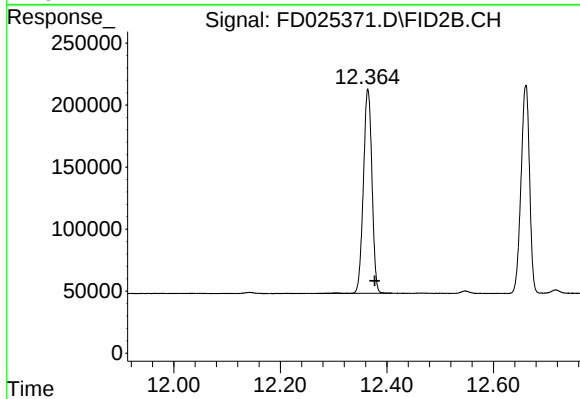
#10 Anthracene (C19.43)

R.T.: 10.633 min
Delta R.T.: -0.012 min
Response: 1725651
Conc: 19.60 ug/ml



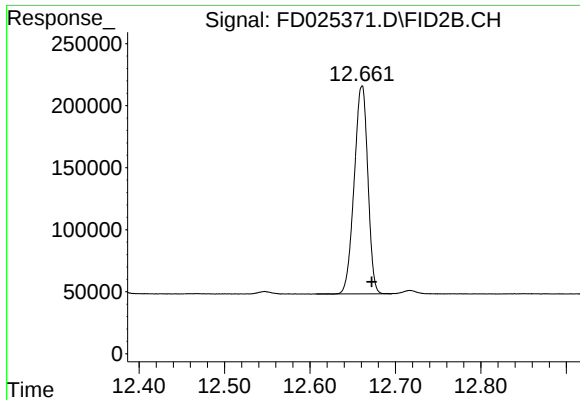
#11 ortho-Terphenyl (SURR)

R.T.: 11.335 min
Delta R.T.: -0.013 min
Response: 1687704
Conc: 19.89 ug/ml



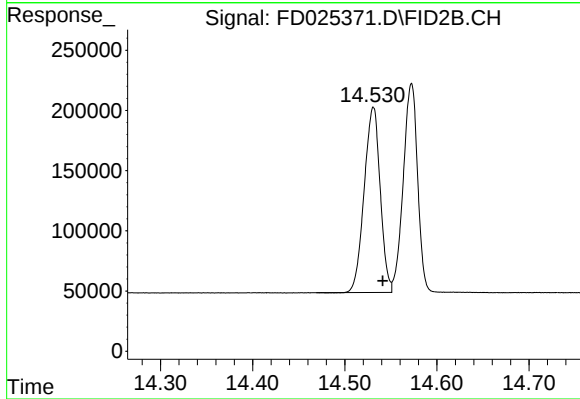
#12 Fluoranthene (C21.85)

R.T.: 12.364 min
Delta R.T.: -0.013 min
Response: 1834961
Conc: 20.89 ug/ml



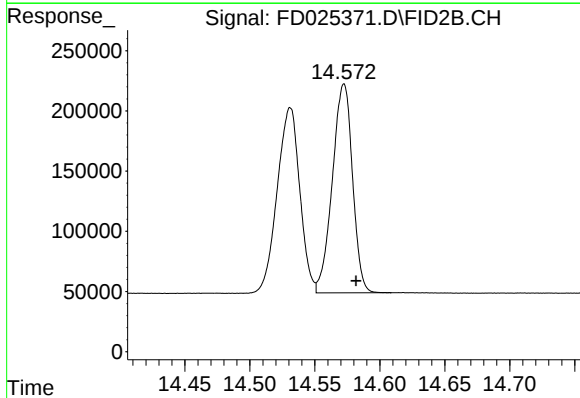
#13 Pyrene (C20.8)

R.T.: 12.661 min
Delta R.T.: -0.011 min
Response: 1858816
Conc: 21.15 ug/ml



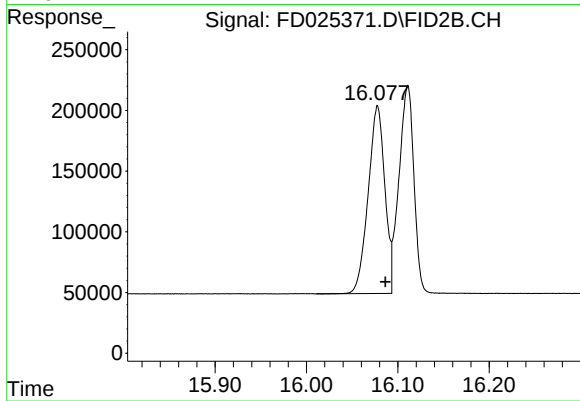
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.531 min
Delta R.T.: -0.010 min
Response: 1862882
Conc: 22.34 ug/ml



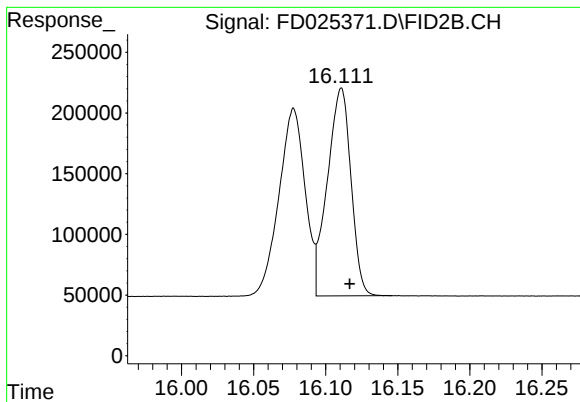
#15 Chrysene (C27.41)

R.T.: 14.572 min
Delta R.T.: -0.009 min
Response: 1876401
Conc: 22.27 ug/ml



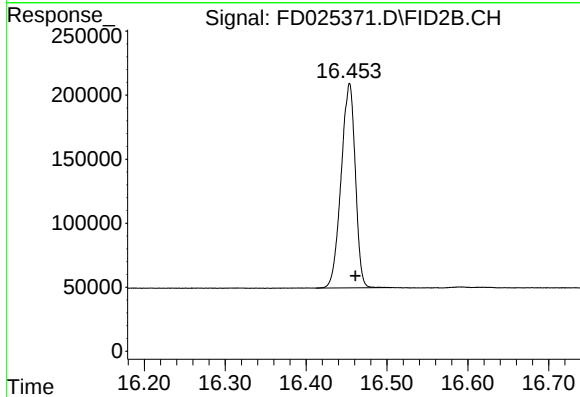
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.078 min
Delta R.T.: -0.008 min
Response: 1954793
Conc: 21.73 ug/ml



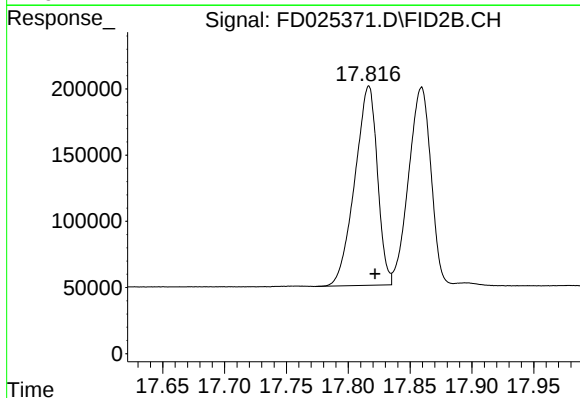
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.111 min
Delta R.T.: -0.006 min
Response: 1944519
Conc: 21.60 ug/ml



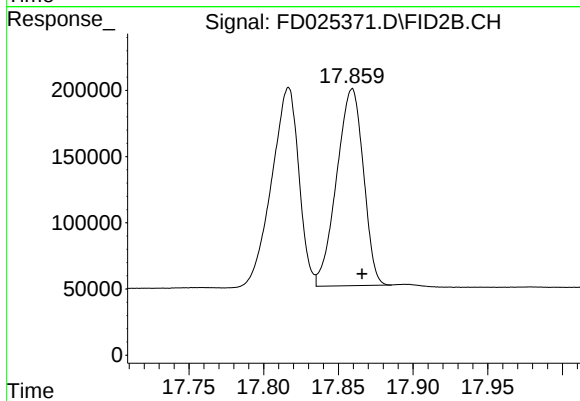
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.454 min
Delta R.T.: -0.007 min
Response: 1949869
Conc: 21.18 ug/ml



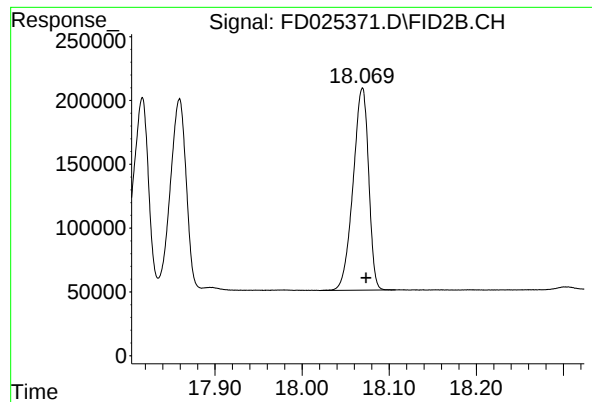
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.817 min
Delta R.T.: -0.005 min
Response: 1911921
Conc: 20.26 ug/ml



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

R.T.: 17.859 min
Delta R.T.: -0.007 min
Response: 1856599
Conc: 20.29 ug/ml



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

R.T.: 18.069 min
Delta R.T.: -0.004 min
Response: 1963301
Conc: 20.27 ug/ml