

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092618AR\
 Data File : FD025752.D
 Signal(s) : FID2B.CH
 Acq On : 27 Sep 2018 5:14
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 27 06:02:49 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 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...	7.428	1437588	18.415 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
6) S 2-Fluorobiphenyl (SURR)	8.280	1041900	18.909 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.82%
11) S ortho-Terphenyl (SURR)	11.323	1648178	19.162 ug/ml
Spiked Amount 50.000		Recovery =	38.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.229	1537270	18.149 ug/ml
2) T Naphthalene (C11.7)	5.763	1684207	18.388 ug/ml
3) T 2-Methylnaphthalene (...)	6.814	1648413	18.463 ug/ml
5) T Acenaphthylene (C15.06)	8.084	1642495	18.874 ug/ml
7) T Acenaphthene (C15.5)	8.379	1713652	18.858 ug/ml
8) T Fluorene (C16.55)	9.157	1715478	19.092 ug/ml
9) T Phenanthrene (C19.36)	10.547	1802008	19.351 ug/ml
10) T Anthracene (C19.43)	10.622	1779056	19.429 ug/ml
12) T Fluoranthene (C21.85)	12.354	1934363	19.736 ug/ml
13) T Pyrene (C20.8)	12.649	1971949	19.802 ug/ml
14) T Benzo[a]anthracene (C...	14.517	1935101	20.021 ug/ml
15) T Chrysene (C27.41)	14.558	1948885	20.040 ug/ml
16) T benzo[b]fluoranthene ...	16.062	1970617	20.058 ug/ml
17) T Bnezo[k]fluoranthene ...	16.095	1965279	20.158 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.438	1966714	20.133 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.800	1872701	19.754 ug/ml
20) T Dibenz[a,h]anthracene...	17.841	1842637	19.900 ug/ml
21) T Benzo[g,h,i]perylene ...	18.051	1924365	20.002 ug/ml

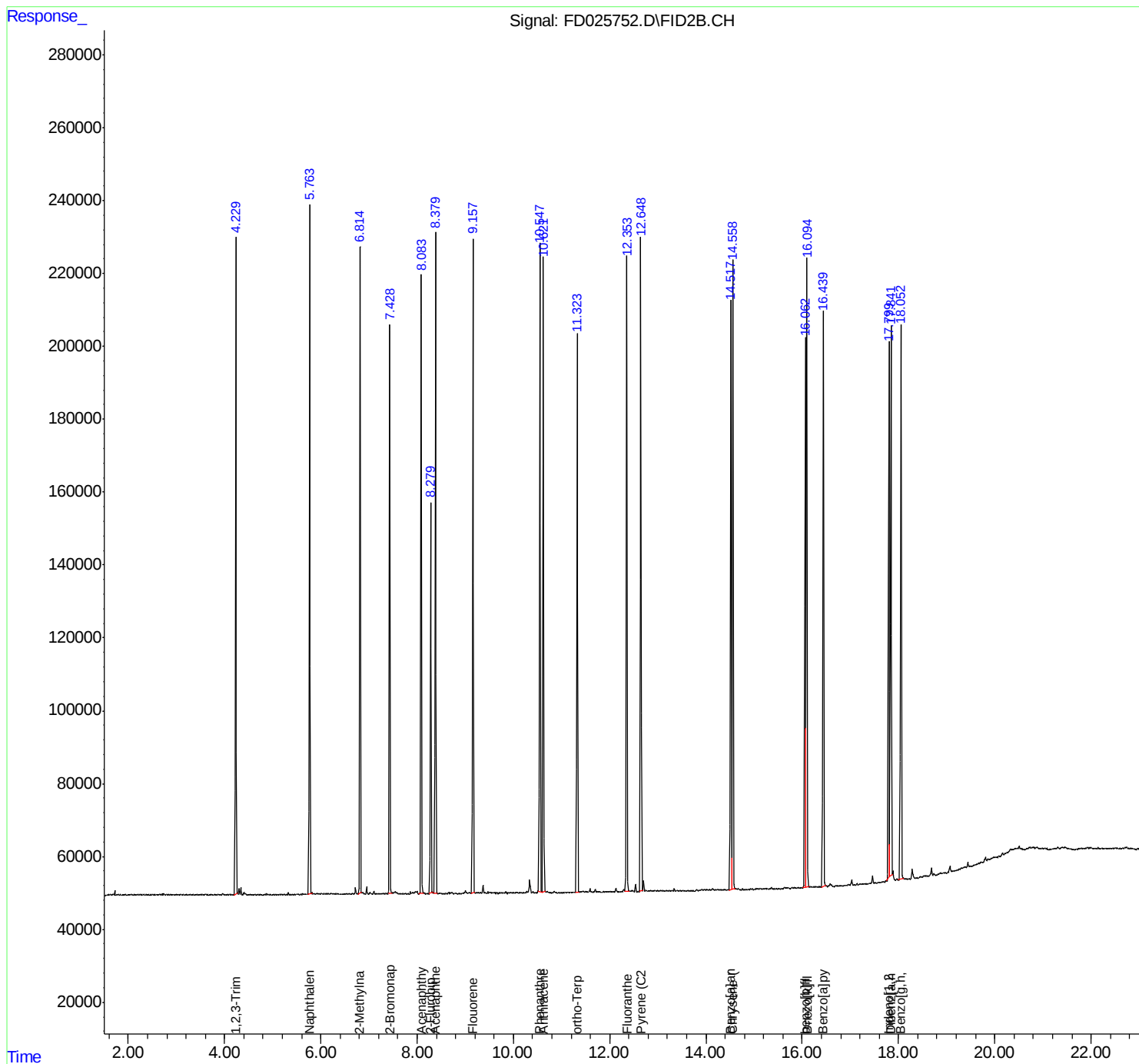
(f)=RT Delta > 1/2 Window

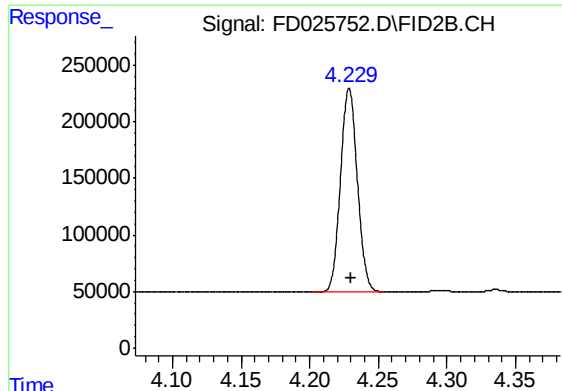
(m)=manual int.

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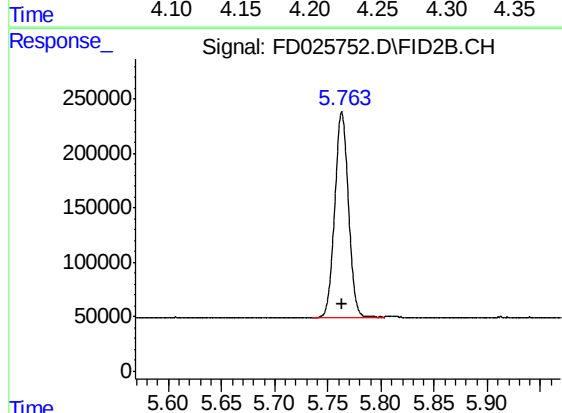
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Signal Info : 20M x 0.18mm x 0.18µm





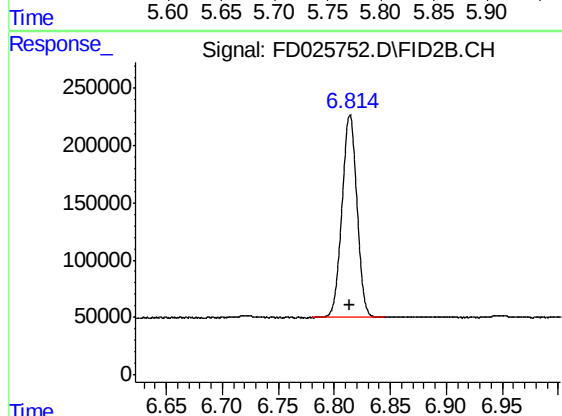
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.229 min
Delta R.T.: -0.001 min
Response: 1537270
Conc: 18.15 ug/ml



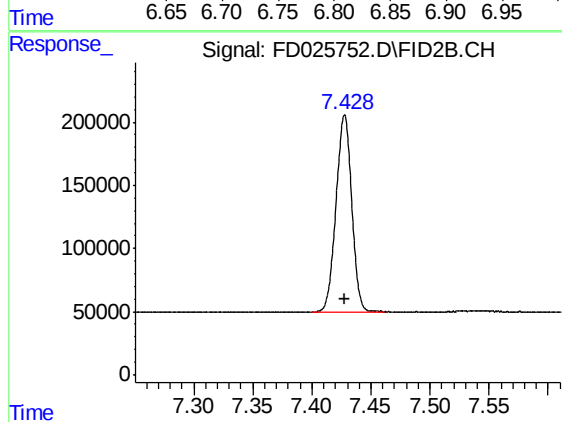
#2 Naphthalene (C11.7)

R.T.: 5.763 min
Delta R.T.: 0.000 min
Response: 1684207
Conc: 18.39 ug/ml



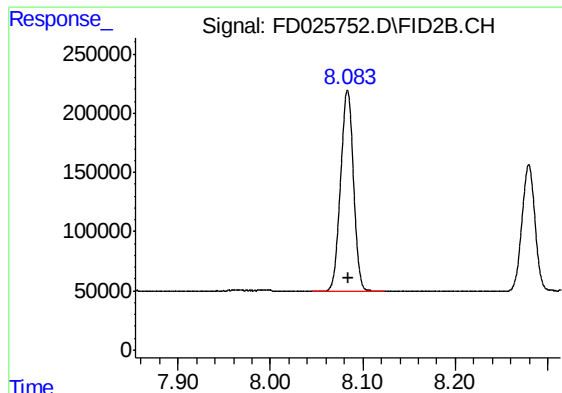
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 1648413
Conc: 18.46 ug/ml



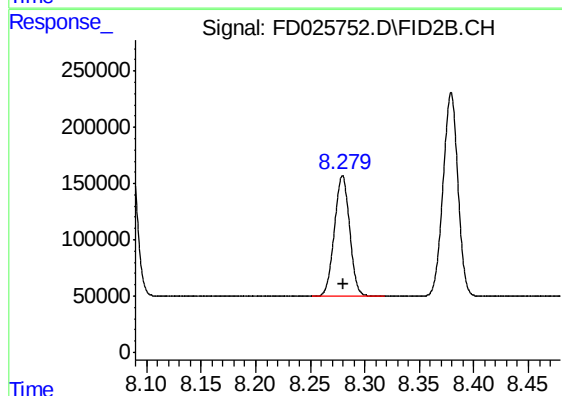
#4 2-Bromonaphthalene (SURR)

R.T.: 7.428 min
Delta R.T.: 0.000 min
Response: 1437588
Conc: 18.42 ug/ml



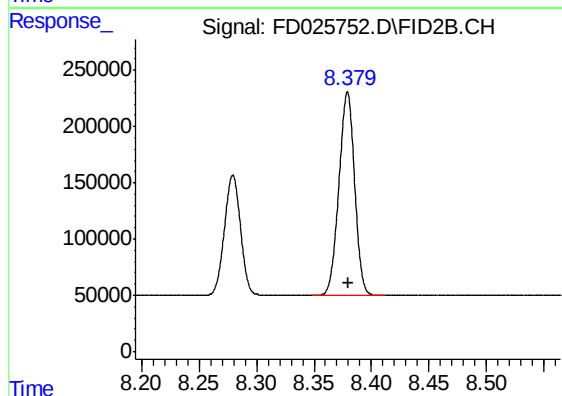
#5 Acenaphthylene (C15.06)

R.T.: 8.084 min
Delta R.T.: -0.001 min
Response: 1642495
Conc: 18.87 ug/ml



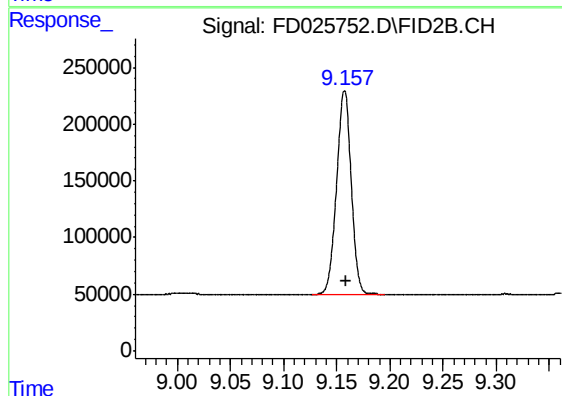
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.280 min
Delta R.T.: -0.001 min
Response: 1041900
Conc: 18.91 ug/ml



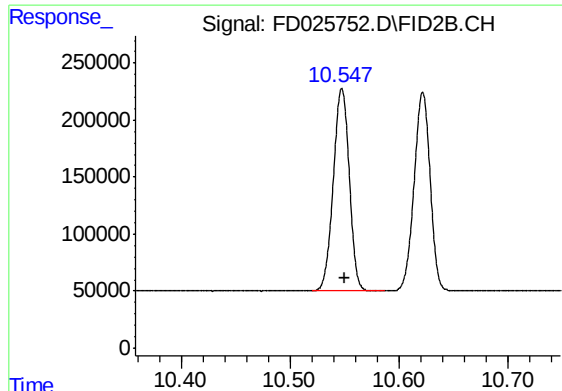
#7 Acenaphthene (C15.5)

R.T.: 8.379 min
Delta R.T.: -0.001 min
Response: 1713652
Conc: 18.86 ug/ml



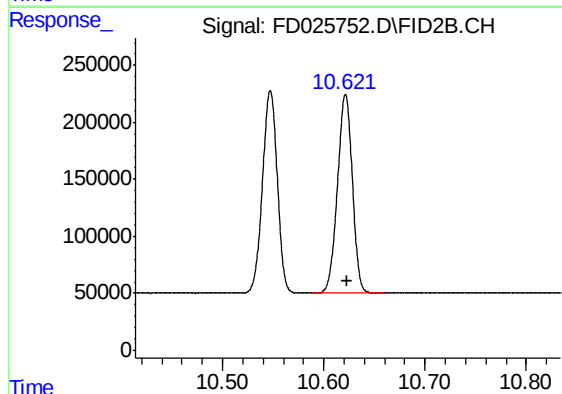
#8 Flouorene (C16.55)

R.T.: 9.157 min
Delta R.T.: -0.001 min
Response: 1715478
Conc: 19.09 ug/ml



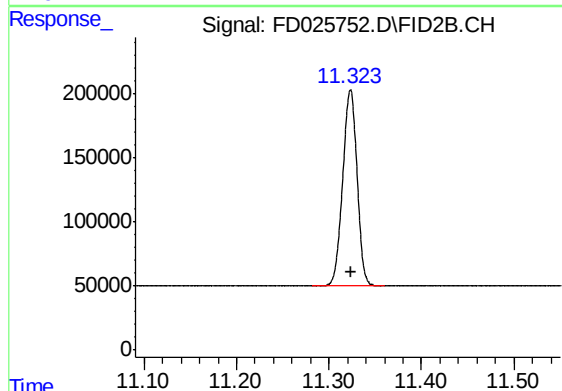
#9 Phenanthrene (C19.36)

R.T.: 10.547 min
Delta R.T.: -0.003 min
Response: 1802008
Conc: 19.35 ug/ml



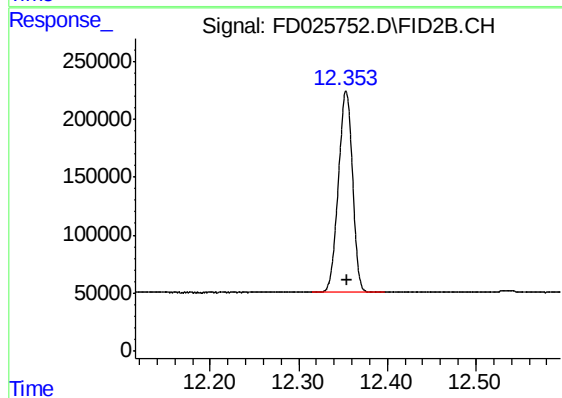
#10 Anthracene (C19.43)

R.T.: 10.622 min
Delta R.T.: -0.002 min
Response: 1779056
Conc: 19.43 ug/ml



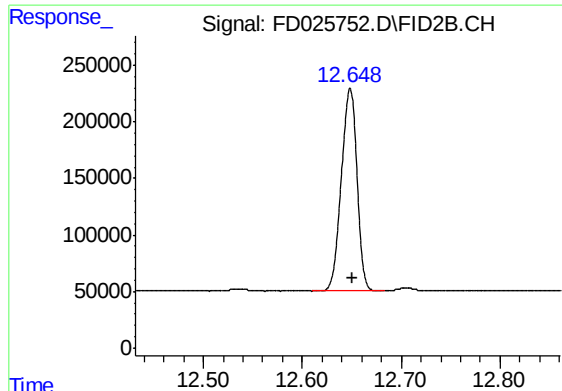
#11 ortho-Terphenyl (SURR)

R.T.: 11.323 min
Delta R.T.: -0.001 min
Response: 1648178
Conc: 19.16 ug/ml



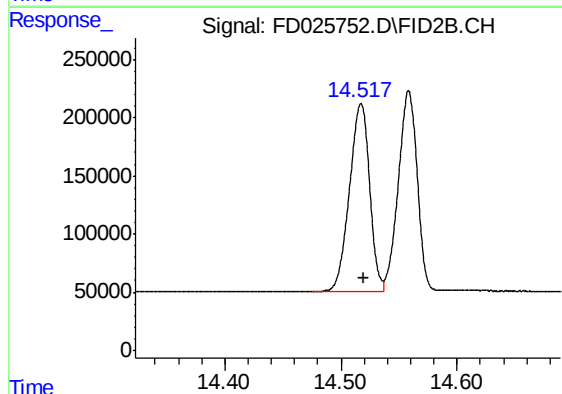
#12 Fluoranthene (C21.85)

R.T.: 12.354 min
Delta R.T.: -0.002 min
Response: 1934363
Conc: 19.74 ug/ml



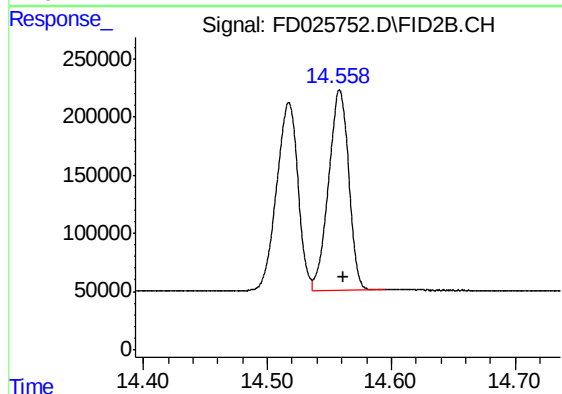
#13 Pyrene (C20.8)

R.T.: 12.649 min
Delta R.T.: -0.002 min
Response: 1971949
Conc: 19.80 ug/ml



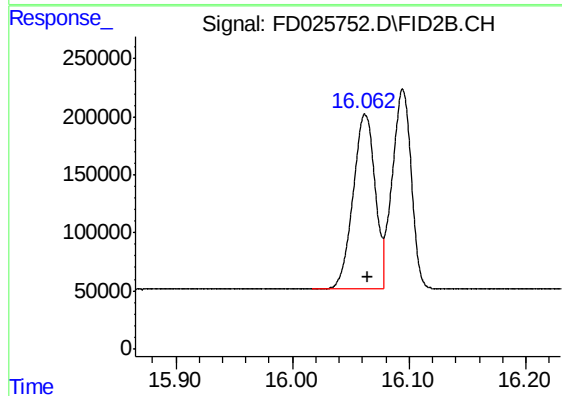
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.517 min
Delta R.T.: -0.002 min
Response: 1935101
Conc: 20.02 ug/ml



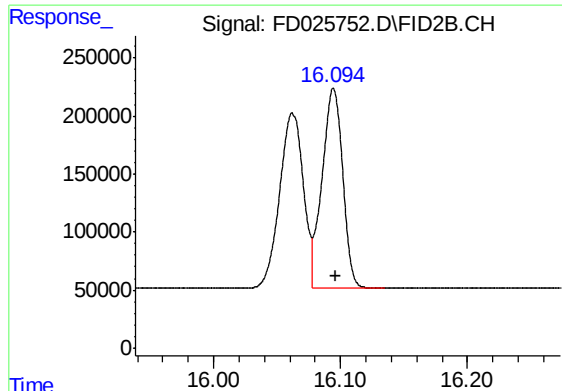
#15 Chrysene (C27.41)

R.T.: 14.558 min
Delta R.T.: -0.003 min
Response: 1948885
Conc: 20.04 ug/ml



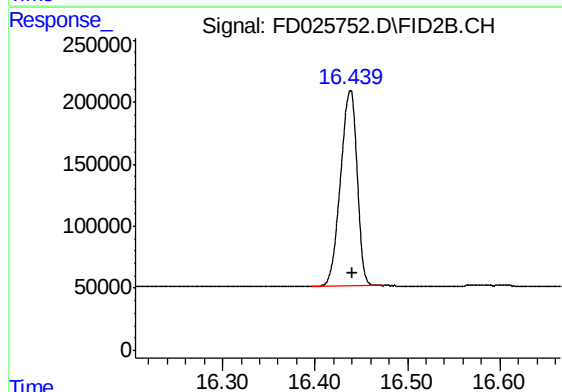
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.062 min
Delta R.T.: -0.002 min
Response: 1970617
Conc: 20.06 ug/ml



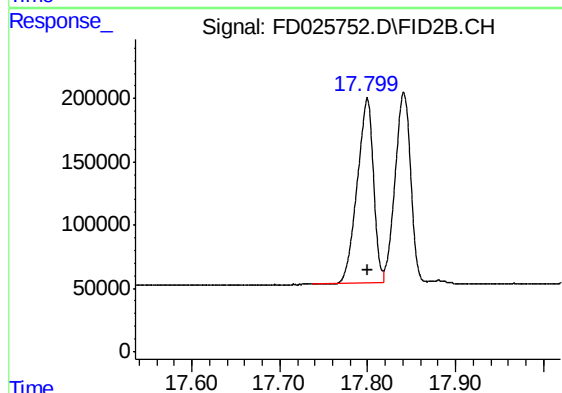
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.095 min
Delta R.T.: -0.002 min
Response: 1965279
Conc: 20.16 ug/ml



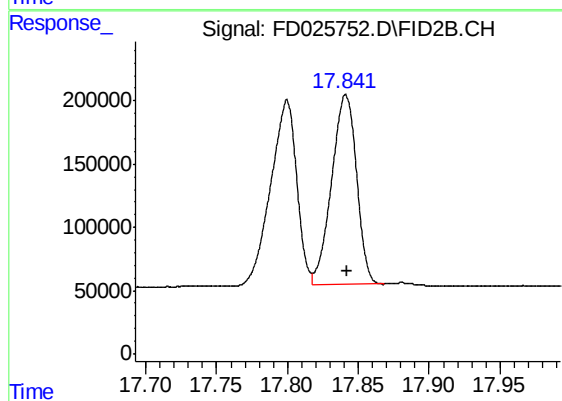
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.438 min
Delta R.T.: -0.002 min
Response: 1966714
Conc: 20.13 ug/ml



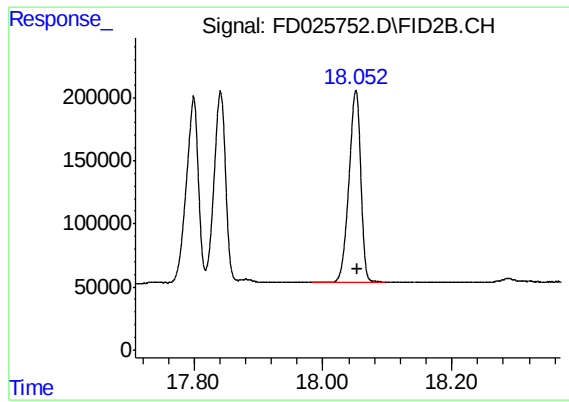
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.800 min
Delta R.T.: -0.001 min
Response: 1872701
Conc: 19.75 ug/ml



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

R.T.: 17.841 min
Delta R.T.: -0.001 min
Response: 1842637
Conc: 19.90 ug/ml



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

R.T.: 18.051 min
Delta R.T.: -0.002 min
Response: 1924365
Conc: 20.00 ug/ml