

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD011819AR\
 Data File : FD027330.D
 Signal(s) : FID2B.CH
 Acq On : 18 Jan 2019 12:29
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 19 01:18:18 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 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...	7.357	1706367	18.063 ug/ml
Spiked Amount 50.000		Recovery =	36.13%
6) S 2-Fluorobiphenyl (SURR)	8.206	1167205	18.303 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.61%
11) S ortho-Terphenyl (SURR)	11.246	2039640	19.135 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.164	1883468	18.577 ug/ml
2) T Naphthalene (C11.7)	5.694	1967722	18.177 ug/ml
3) T 2-Methylnaphthalene (...)	6.744	1943229	18.188 ug/ml
5) T Acenaphthylene (C15.06)	8.011	1889256	18.369 ug/ml
7) T Acenaphthene (C15.5)	8.305	1977985	18.360 ug/ml
8) T Fluorene (C16.55)	9.084	1975919	18.558 ug/ml
9) T Phenanthrene (C19.36)	10.472	2031786	19.259 ug/ml
10) T Anthracene (C19.43)	10.545	1993415	19.100 ug/ml
12) T Fluoranthene (C21.85)	12.274	2113823	20.297 ug/ml
13) T Pyrene (C20.8)	12.567	2121978	20.550 ug/ml
14) T Benzo[a]anthracene (C...	14.435	2101875	21.431 ug/ml
15) T Chrysene (C27.41)	14.477	2118635	21.549 ug/ml
16) T benzo[b]fluoranthene ...	15.979	2148224	21.252 ug/ml
17) T Bnezo[k]fluoranthene ...	16.012	2179473	21.563 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.355	2131685	21.080 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	2001986	19.183 ug/ml
20) T Dibenz[a,h]anthracene...	17.759	2028340	19.800 ug/ml
21) T Benzo[g,h,i]perylene ...	17.968	2024134	19.199 ug/ml

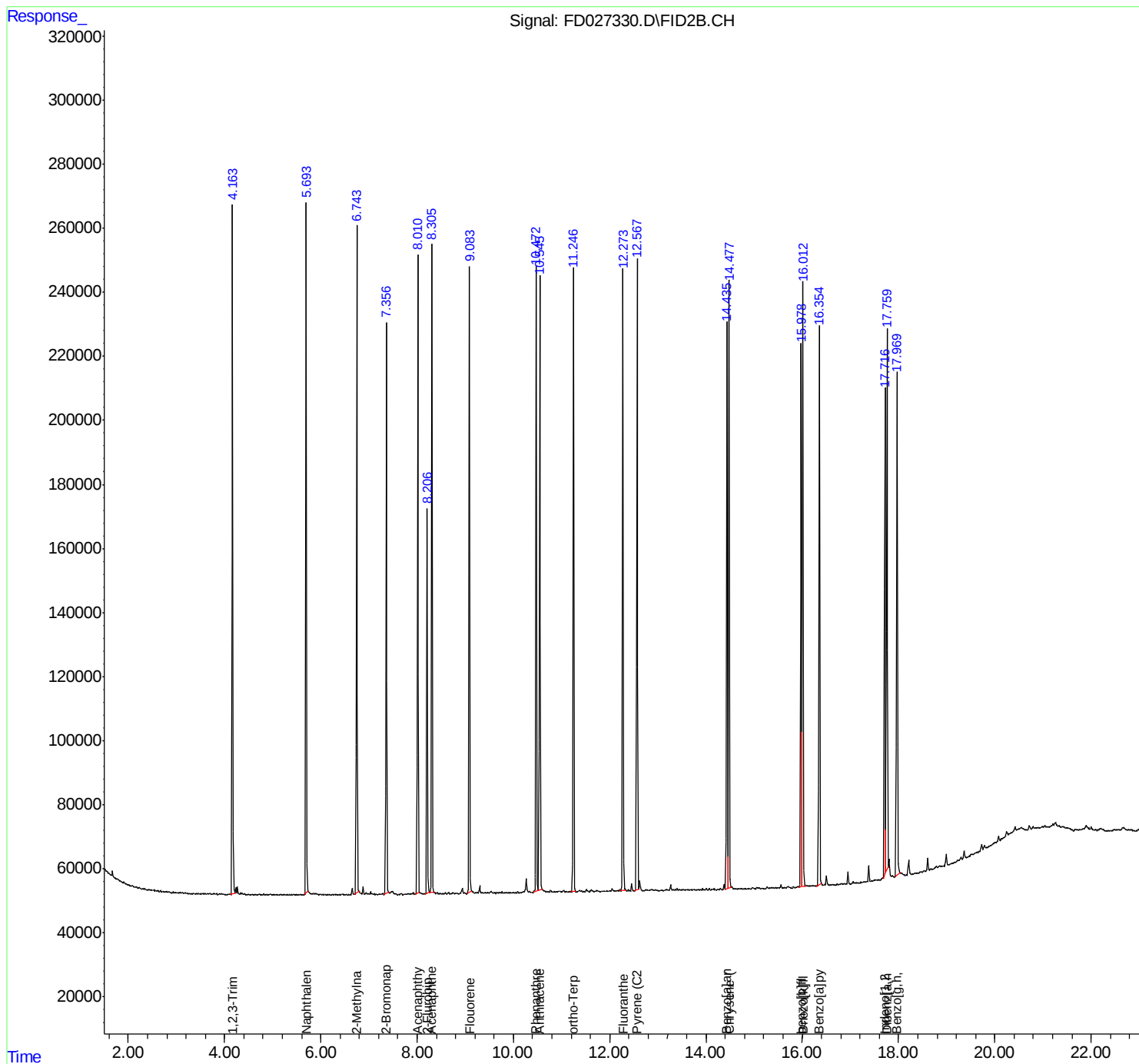
(f)=RT Delta > 1/2 Window

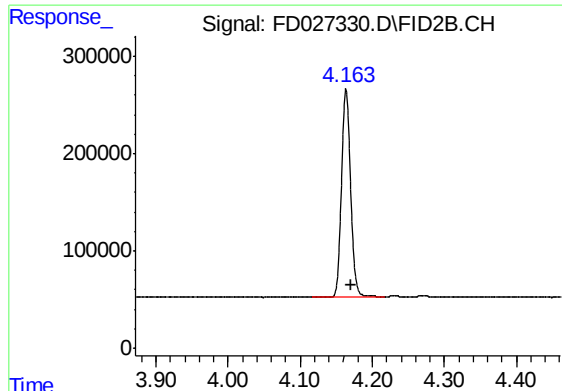
(m)=manual int.

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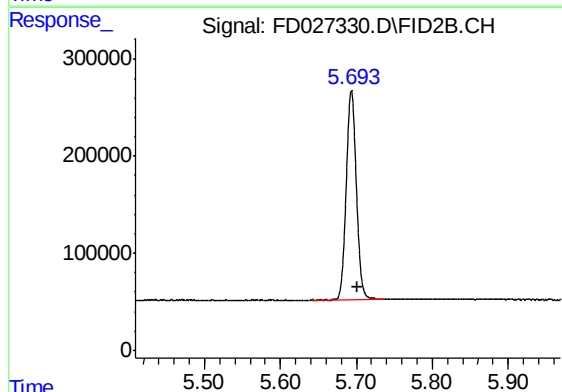
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Signal Info : 20M x 0.18mm x 0.18µm





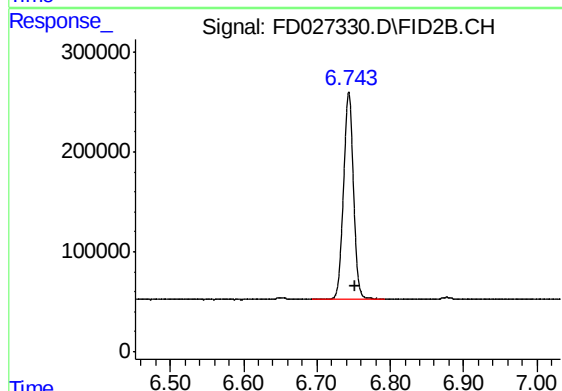
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.164 min
Delta R.T.: -0.007 min
Response: 1883468
Conc: 18.58 ug/ml



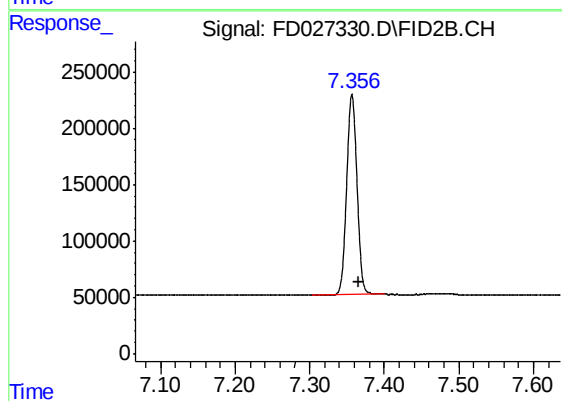
#2 Naphthalene (C11.7)

R.T.: 5.694 min
Delta R.T.: -0.008 min
Response: 1967722
Conc: 18.18 ug/ml



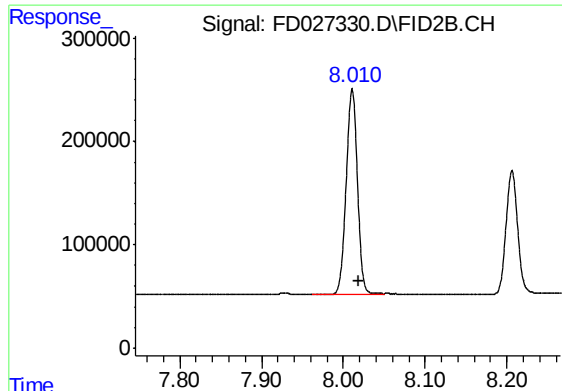
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.744 min
Delta R.T.: -0.009 min
Response: 1943229
Conc: 18.19 ug/ml



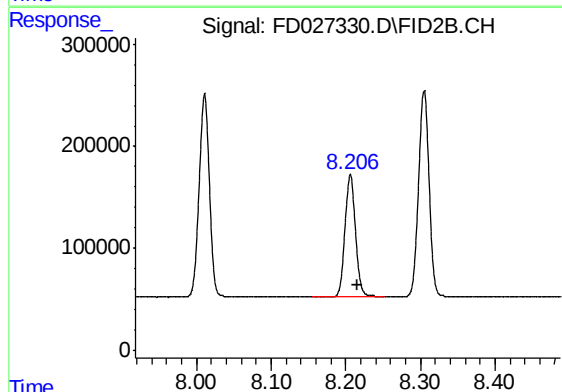
#4 2-Bromonaphthalene (SURR)

R.T.: 7.357 min
Delta R.T.: -0.009 min
Response: 1706367
Conc: 18.06 ug/ml



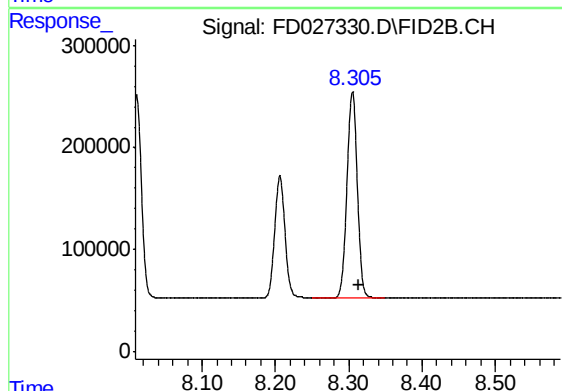
#5 Acenaphthylene (C15.06)

R.T.: 8.011 min
Delta R.T.: -0.009 min
Response: 1889256
Conc: 18.37 ug/ml



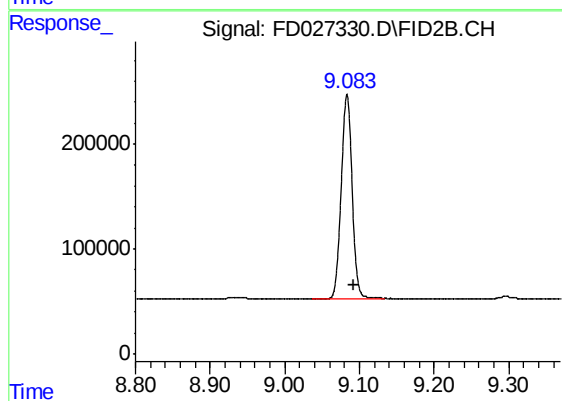
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.206 min
Delta R.T.: -0.009 min
Response: 1167205
Conc: 18.30 ug/ml



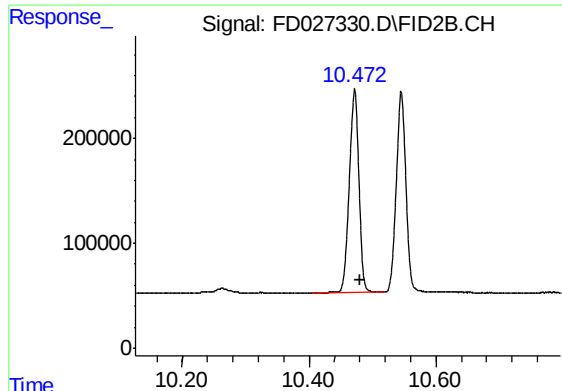
#7 Acenaphthene (C15.5)

R.T.: 8.305 min
Delta R.T.: -0.009 min
Response: 1977985
Conc: 18.36 ug/ml



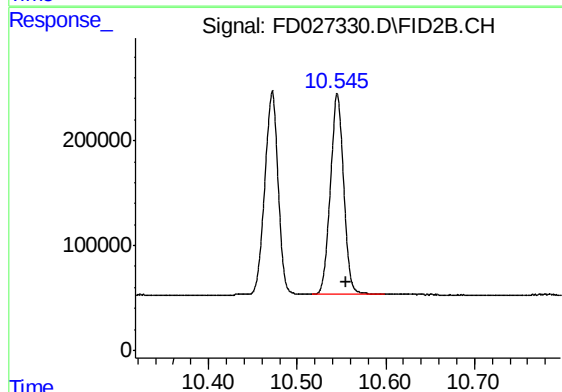
#8 Flouorene (C16.55)

R.T.: 9.084 min
Delta R.T.: -0.010 min
Response: 1975919
Conc: 18.56 ug/ml



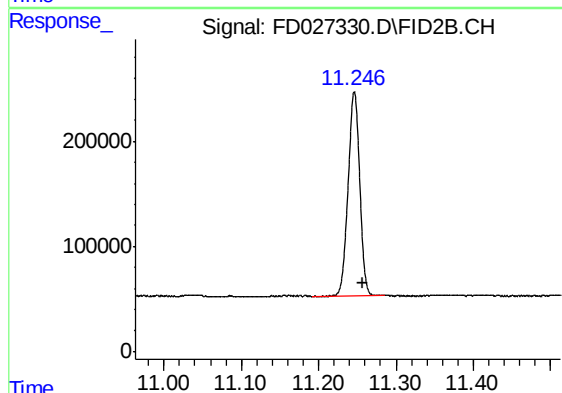
#9 Phenanthrene (C19.36)

R.T.: 10.472 min
Delta R.T.: -0.009 min
Response: 2031786
Conc: 19.26 ug/ml



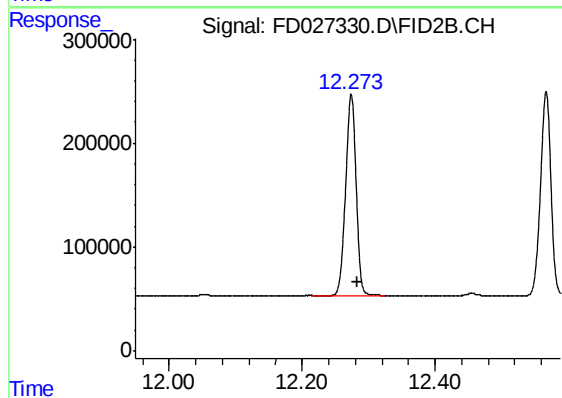
#10 Anthracene (C19.43)

R.T.: 10.545 min
Delta R.T.: -0.009 min
Response: 1993415
Conc: 19.10 ug/ml



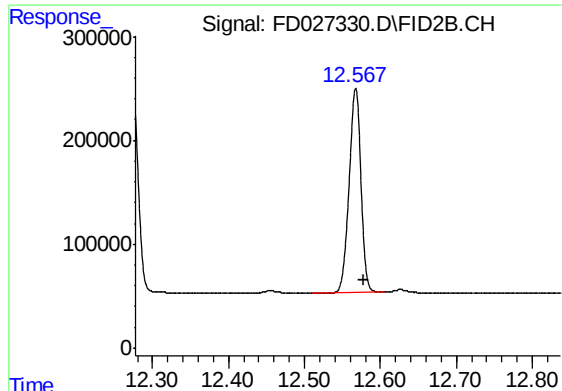
#11 ortho-Terphenyl (SURR)

R.T.: 11.246 min
Delta R.T.: -0.011 min
Response: 2039640
Conc: 19.14 ug/ml



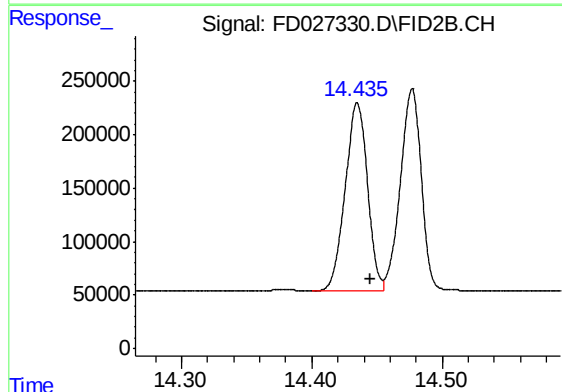
#12 Fluoranthene (C21.85)

R.T.: 12.274 min
Delta R.T.: -0.010 min
Response: 2113823
Conc: 20.30 ug/ml



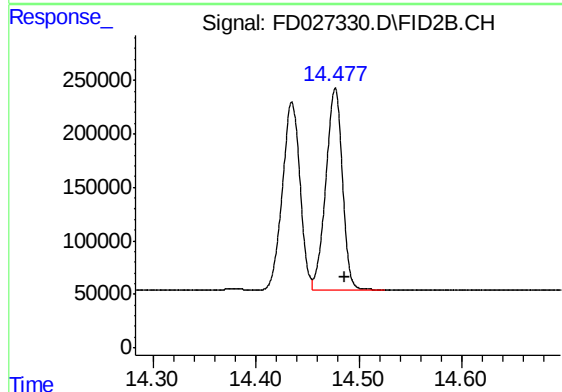
#13 Pyrene (C20.8)

R.T.: 12.567 min
Delta R.T.: -0.010 min
Response: 2121978
Conc: 20.55 ug/ml



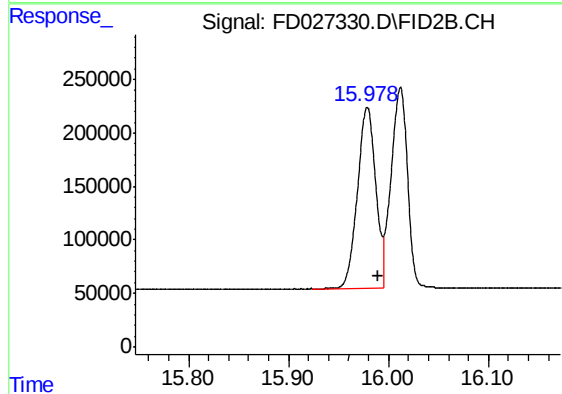
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: -0.011 min
Response: 2101875
Conc: 21.43 ug/ml



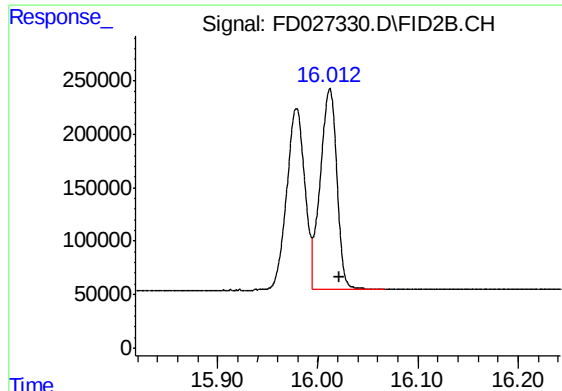
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: -0.010 min
Response: 2118635
Conc: 21.55 ug/ml



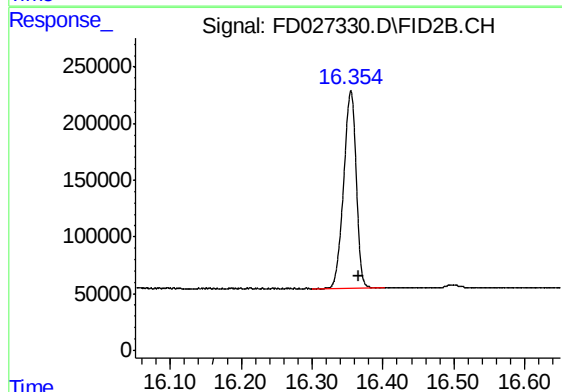
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.979 min
Delta R.T.: -0.011 min
Response: 2148224
Conc: 21.25 ug/ml



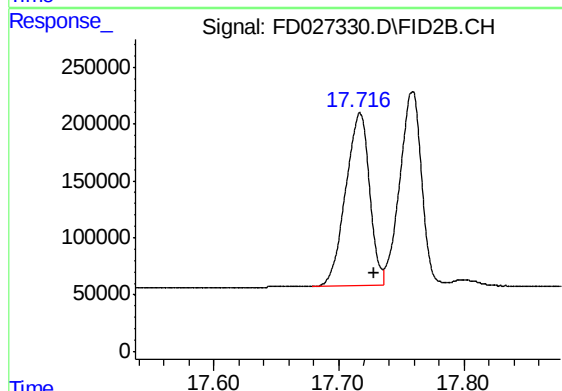
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.012 min
Delta R.T.: -0.010 min
Response: 2179473
Conc: 21.56 ug/ml



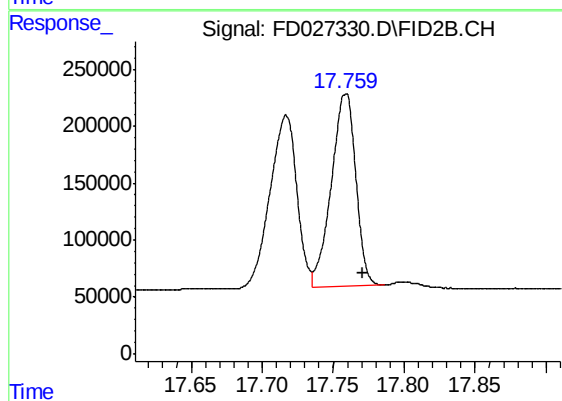
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.355 min
Delta R.T.: -0.011 min
Response: 2131685
Conc: 21.08 ug/ml



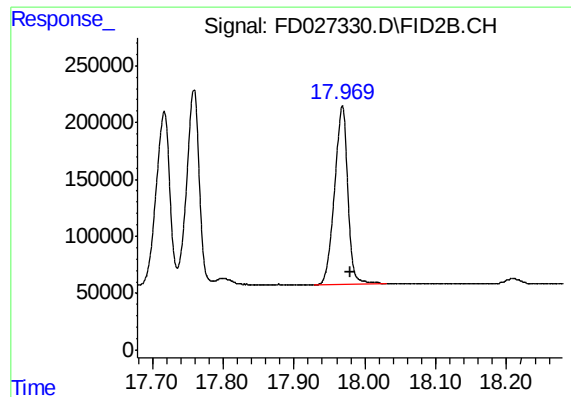
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: -0.011 min
Response: 2001986
Conc: 19.18 ug/ml



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

R.T.: 17.759 min
Delta R.T.: -0.012 min
Response: 2028340
Conc: 19.80 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.012 min
Response: 2024134
Conc: 19.20 ug/ml