

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121319AR\
 Data File : FD031805.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2019 16:10
 Operator : DD\AJ
 Sample : K6247-02
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 22:36:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 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...	7.645	5989217	48.421 ug/ml
Spiked Amount 50.000		Recovery =	96.84%
6) S 2-Fluorobiphenyl (SURR)	8.507	3958955	46.414 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.83%
11) S ortho-Terphenyl (SURR)	11.545	4195799	31.713 ug/ml
Spiked Amount 50.000		Recovery =	63.43%
Target Compounds			
2) T Naphthalene (C11.7)	5.983	3439157	25.504 ug/ml
3) T 2-Methylnaphthalene (...)	7.035	5290206	39.309 ug/ml
5) T Acenaphthylene (C15.06)	8.285	816504	6.264 ug/ml
7) T Acenaphthene (C15.5)	8.617	17462642	129.219 ug/ml
8) T Flouorene (C16.55)	9.392	13201551	98.148 ug/ml
9) T Phenanthrene (C19.36)	10.811	44680878	331.268 ug/ml
10) T Anthracene (C19.43)	10.862	5107812	38.292 ug/ml
12) T Fluoranthene (C21.85)	12.617	32003930	236.540 ug/ml
13) T Pyrene (C20.8)	12.907	19508712	145.552 ug/ml
14) T Benzo[a]anthracene (C...	14.753	4782982	37.544 ug/ml
15) T Chrysene (C27.41)	14.799	6545979	51.307 ug/ml
16) T benzo[b]fluoranthene ...	16.324	942209	7.648 ug/ml
17) T Bnezo[k]fluoranthene ...	16.324	942209	7.750 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.672	1406431	11.734 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.071	187954	1.635 ug/ml
20) T Dibenz[a,h]anthracene...	18.071	187954	1.665 ug/ml
21) T Benzo[g,h,i]perylene ...	18.279f	367573	3.244 ug/ml

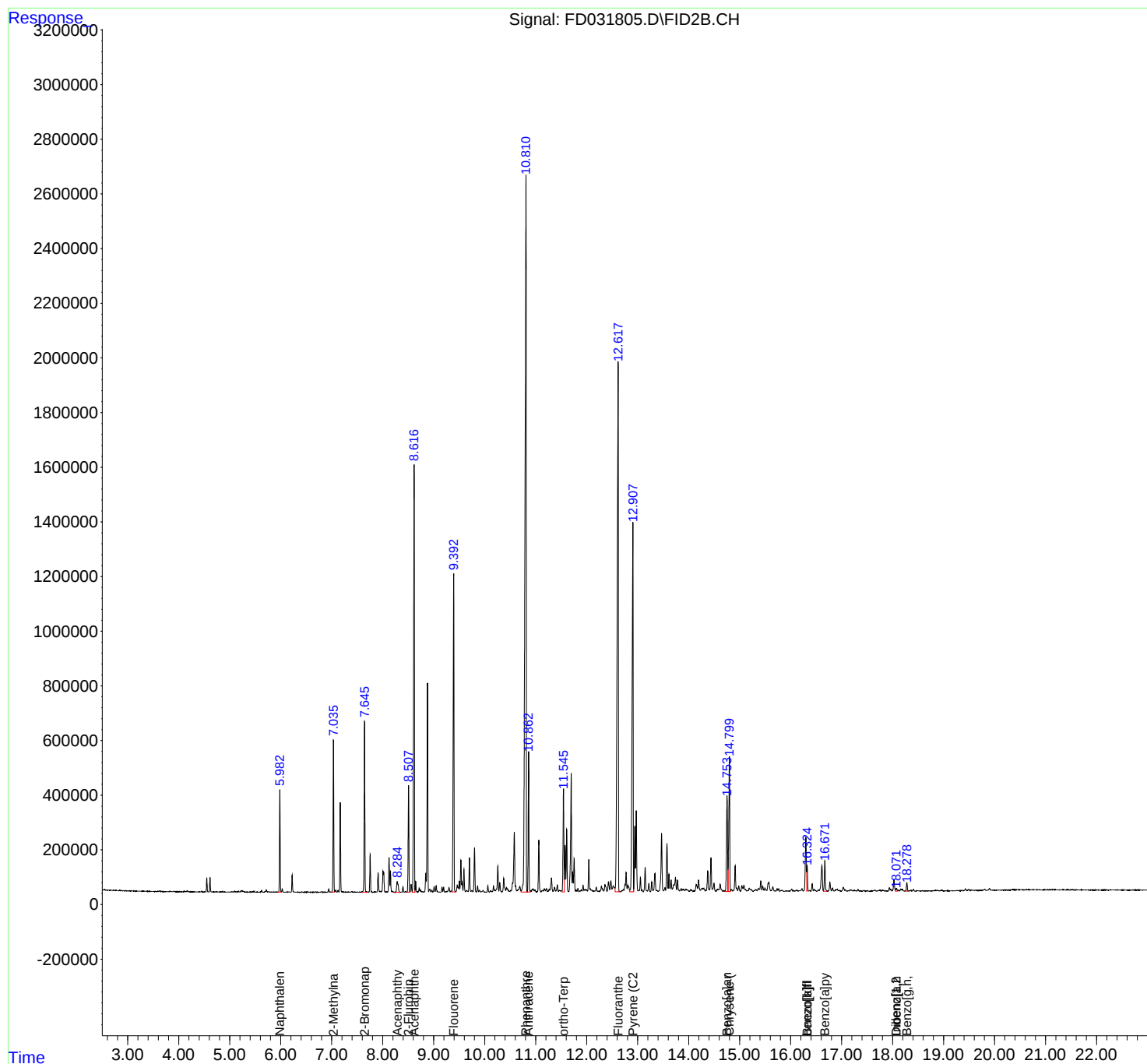
(f)=RT Delta > 1/2 Window

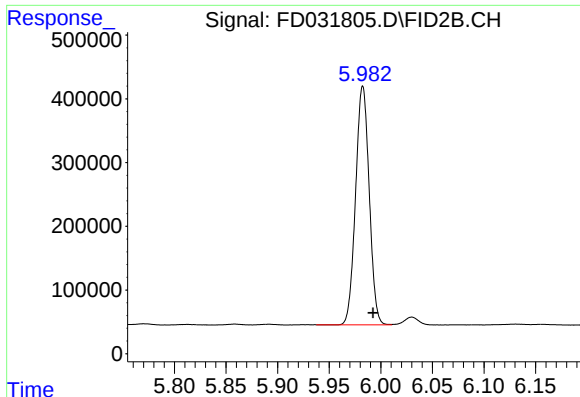
(m)=manual int.

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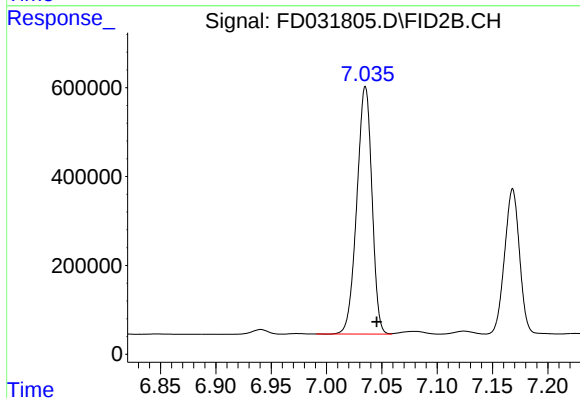
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Signal Info : 20M x 0.18mm x 0.18µm





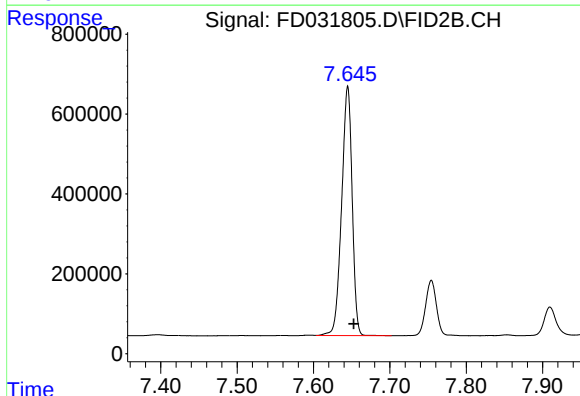
#2 Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.010 min
Response: 3439157
Conc: 25.50 ug/ml



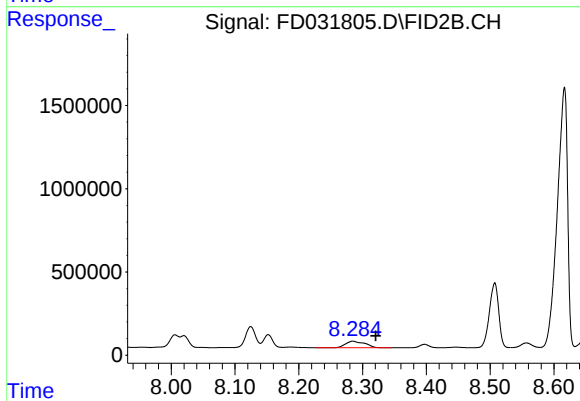
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: -0.010 min
Response: 5290206
Conc: 39.31 ug/ml



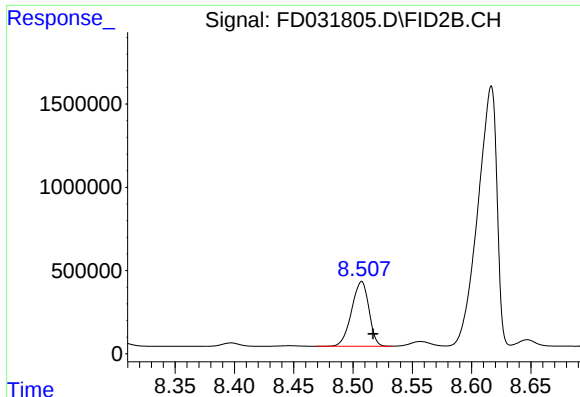
#4 2-Bromonaphthalene (SURR)

R.T.: 7.645 min
Delta R.T.: -0.008 min
Response: 5989217
Conc: 48.42 ug/ml



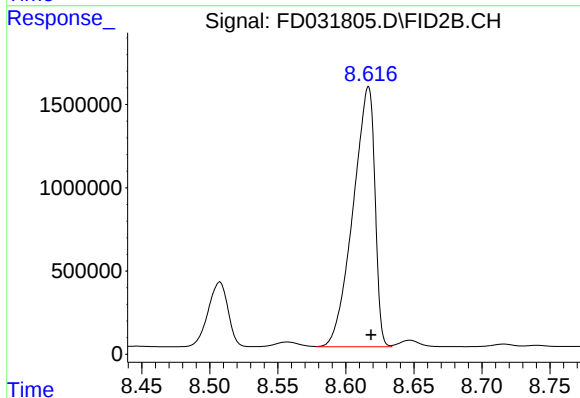
#5 Acenaphthylene (C15.06)

R.T.: 8.285 min
Delta R.T.: -0.036 min
Response: 816504
Conc: 6.26 ug/ml



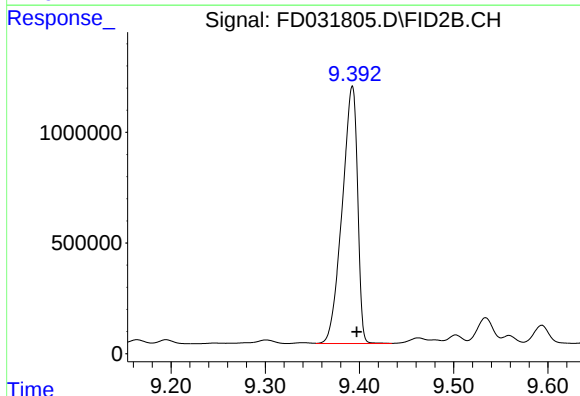
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.507 min
Delta R.T.: -0.010 min
Response: 3958955
Conc: 46.41 ug/ml



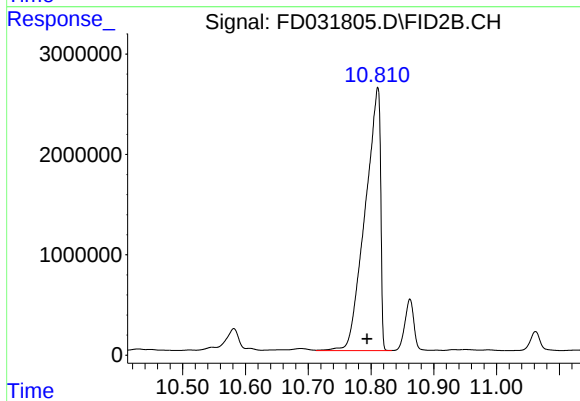
#7 Acenaphthene (C15.5)

R.T.: 8.617 min
Delta R.T.: -0.002 min
Response: 17462642
Conc: 129.22 ug/ml



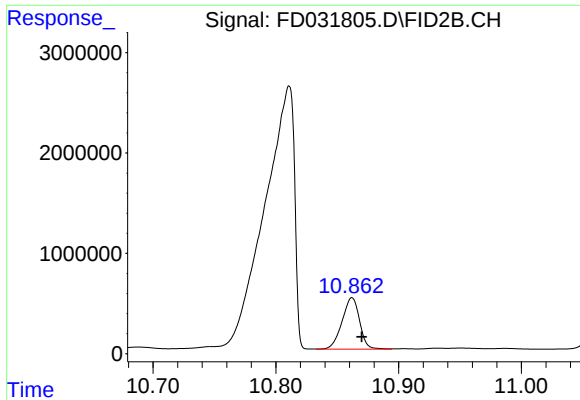
#8 Flouorene (C16.55)

R.T.: 9.392 min
Delta R.T.: -0.005 min
Response: 13201551
Conc: 98.15 ug/ml



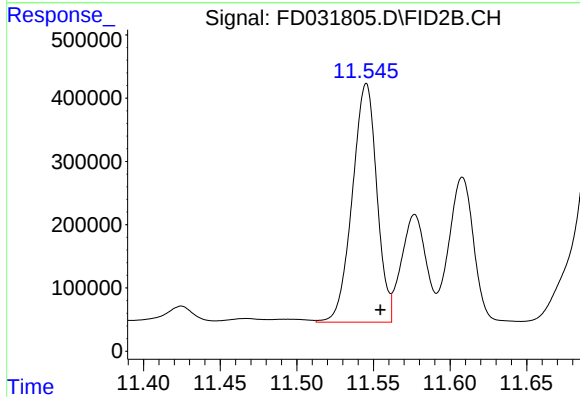
#9 Phenanthrene (C19.36)

R.T.: 10.811 min
Delta R.T.: 0.017 min
Response: 44680878
Conc: 331.27 ug/ml



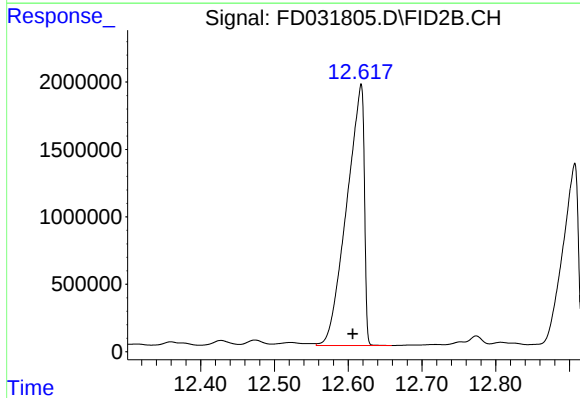
#10 Anthracene (C19.43)

R.T.: 10.862 min
Delta R.T.: -0.008 min
Response: 5107812
Conc: 38.29 ug/ml



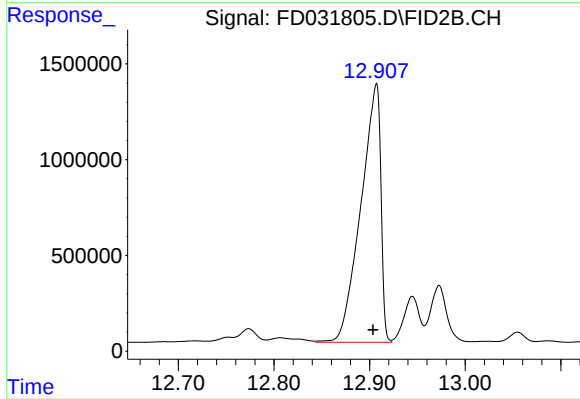
#11 ortho-Terphenyl (SURR)

R.T.: 11.545 min
Delta R.T.: -0.009 min
Response: 4195799
Conc: 31.71 ug/ml



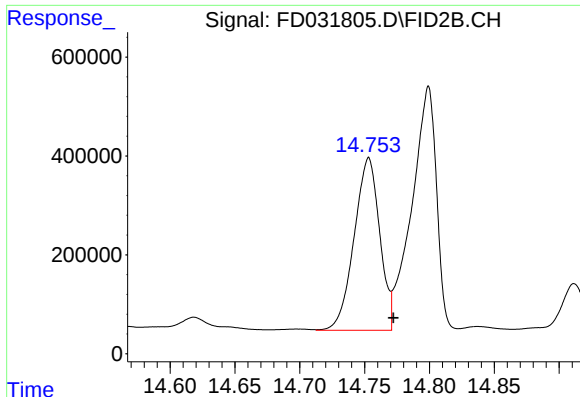
#12 Fluoranthene (C21.85)

R.T.: 12.617 min
Delta R.T.: 0.011 min
Response: 32003930
Conc: 236.54 ug/ml



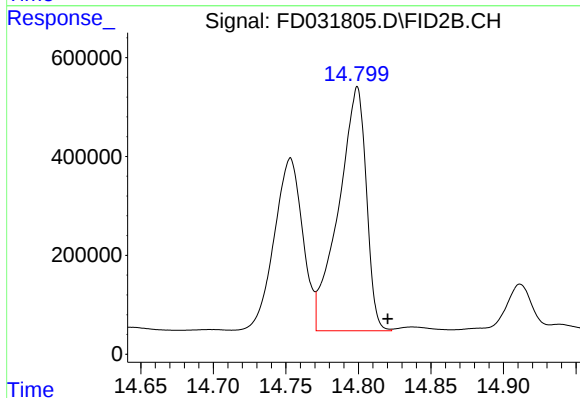
#13 Pyrene (C20.8)

R.T.: 12.907 min
Delta R.T.: 0.003 min
Response: 19508712
Conc: 145.55 ug/ml



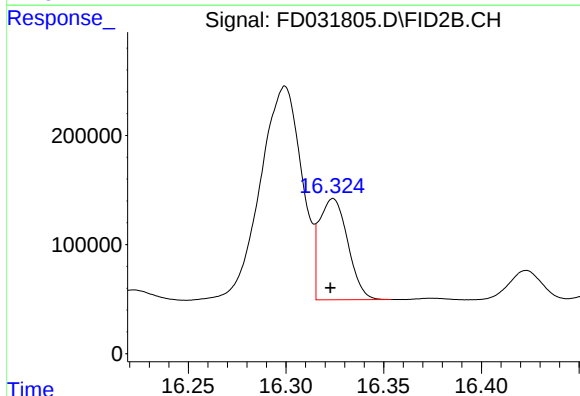
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.019 min
Response: 4782982
Conc: 37.54 ug/ml



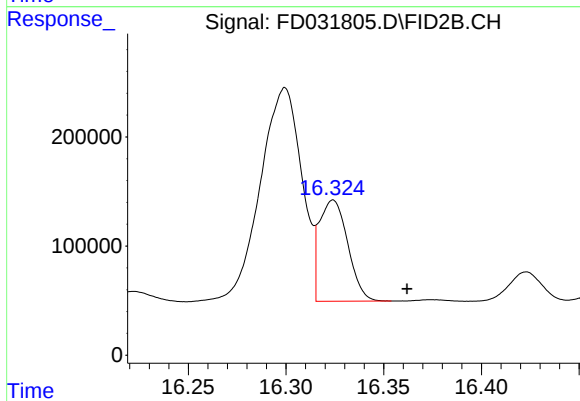
#15 Chrysene (C27.41)

R.T.: 14.799 min
Delta R.T.: -0.021 min
Response: 6545979
Conc: 51.31 ug/ml



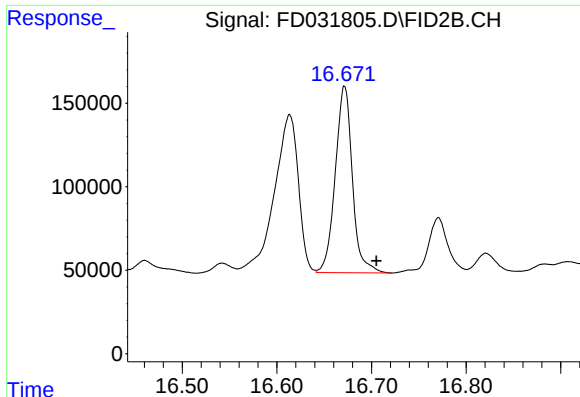
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.324 min
Delta R.T.: 0.001 min
Response: 942209
Conc: 7.65 ug/ml



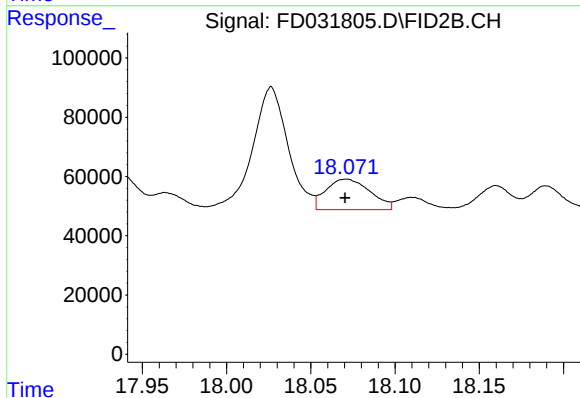
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.324 min
Delta R.T.: -0.038 min
Response: 942209
Conc: 7.75 ug/ml



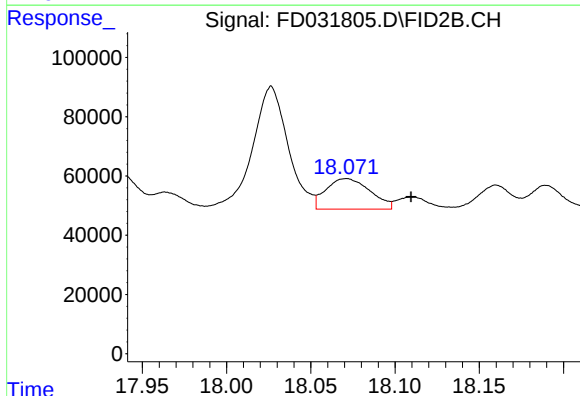
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.672 min
Delta R.T.: -0.033 min
Response: 1406431
Conc: 11.73 ug/ml



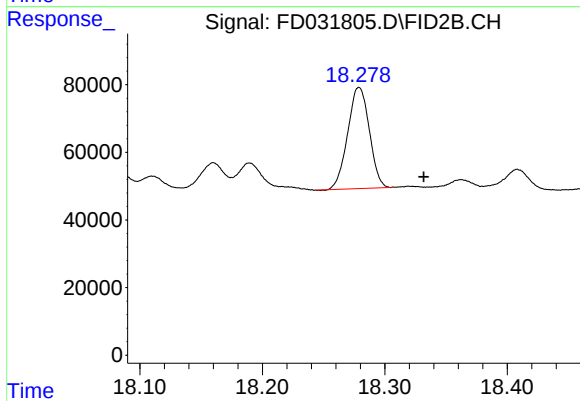
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.071 min
Delta R.T.: 0.000 min
Response: 187954
Conc: 1.63 ug/ml



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

R.T.: 18.071 min
Delta R.T.: -0.038 min
Response: 187954
Conc: 1.67 ug/ml



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

R.T.: 18.279 min
Delta R.T.: -0.053 min
Response: 367573
Conc: 3.24 ug/ml