

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110520AR\
 Data File : FD035345.D
 Signal(s) : FID2B.CH
 Acq On : 05 Nov 2020 13:18
 Operator : DD\AJ
 Sample : L4617-01
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 00:32:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 10:20:32 2020
 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...	7.639	5412329	46.665 ug/ml
Spiked Amount 50.000		Recovery =	93.33%
6) S 2-Fluorobiphenyl (SURR)	8.504	3750779	46.612 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.22%
11) S ortho-Terphenyl (SURR)	11.544	3590487	25.836 ug/ml
Spiked Amount 50.000		Recovery =	51.67%
Target Compounds			
2) T Naphthalene (C11.7)	5.980	103066	0.761 ug/ml
3) T 2-Methylnaphthalene (...)	7.031	170851	1.253 ug/ml
5) T Acenaphthylene (C15.06)	8.304	1011123	7.500 ug/ml
7) T Acenaphthene (C15.5)	8.599	287591	2.072 ug/ml
8) T Flouorene (C16.55)	9.380	725415	5.471 ug/ml
9) T Phenanthrene (C19.36)	10.784	7810101	59.083 ug/ml
10) T Anthracene (C19.43)	10.853	882132	6.525 ug/ml
12) T Fluoranthene (C21.85)	12.605	11853427	88.233 ug/ml
13) T Pyrene (C20.8)	12.902	10747157	80.812 ug/ml
14) T Benzo[a]anthracene (C...	14.765	4384936	36.848 ug/ml
15) T Chrysene (C27.41)	14.808	5013464	37.854 ug/ml
16) T benzo[b]fluoranthene ...	16.321	6416986	54.301 ug/ml
17) T Bnezo[k]fluoranthene ...	16.321	6416986	52.725 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.697	3245881	29.678 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.058	1796276	17.576 ug/ml
20) T Dibenz[a,h]anthracene...	18.093	473544	4.140 ug/ml
21) T Benzo[g,h,i]perylene ...	18.310	1679458	15.686 ug/ml

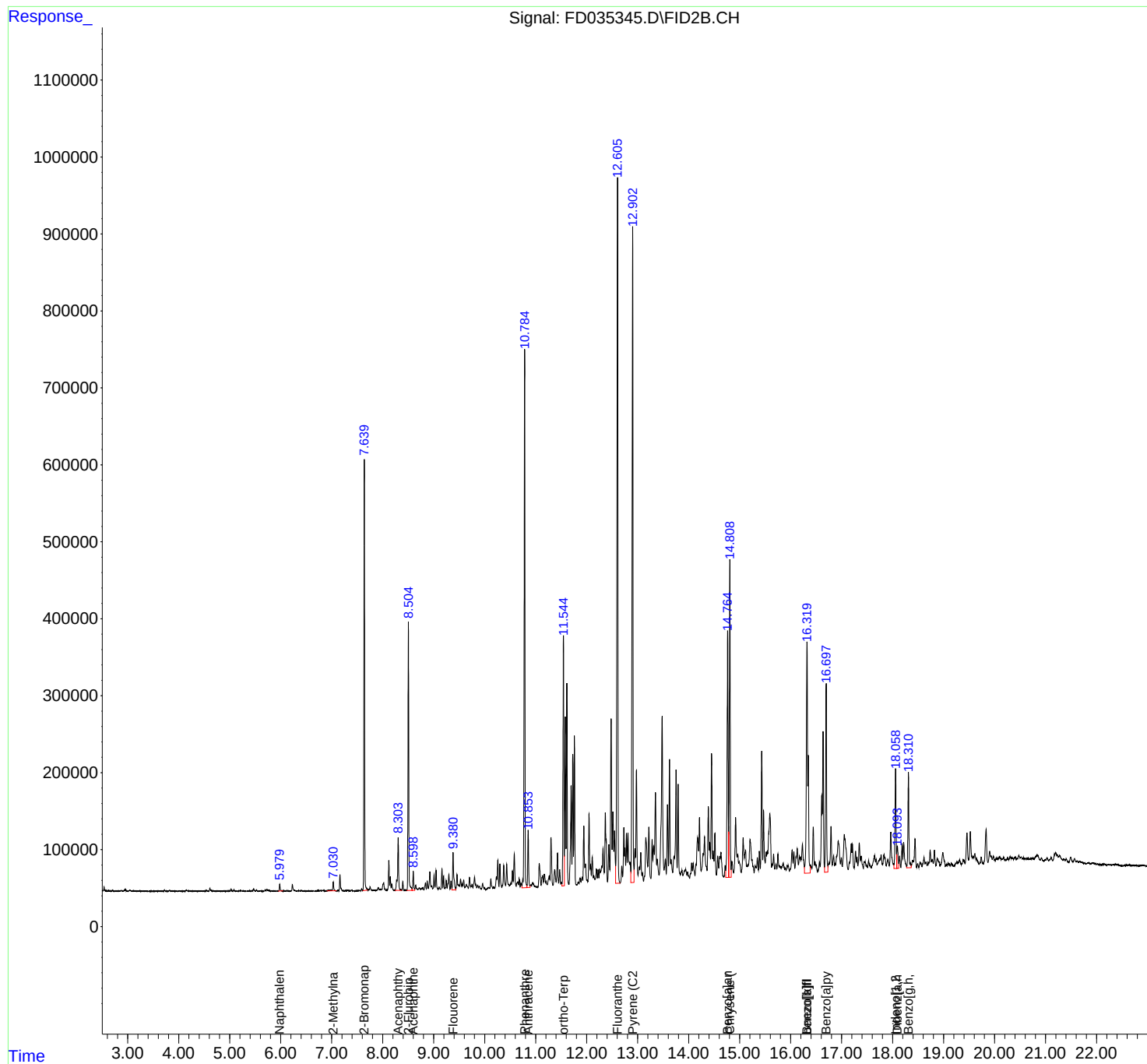
(f)=RT Delta > 1/2 Window

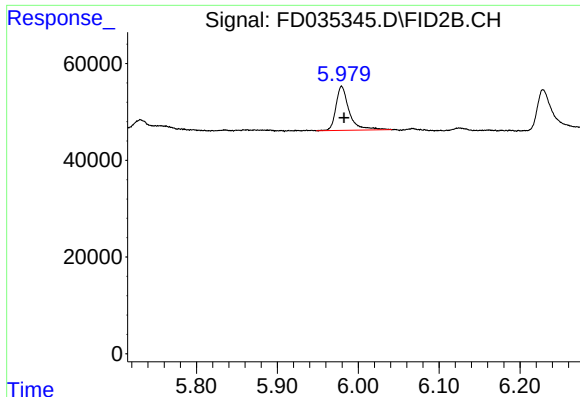
(m)=manual int.

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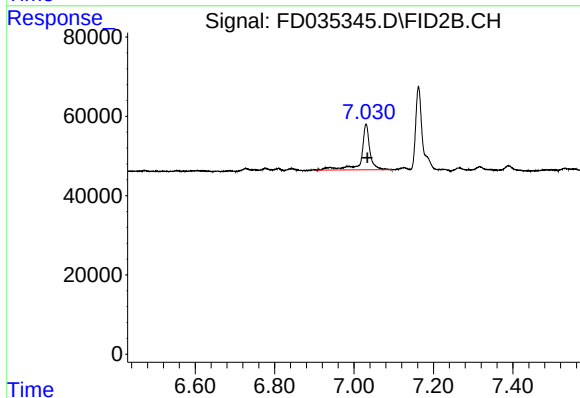
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





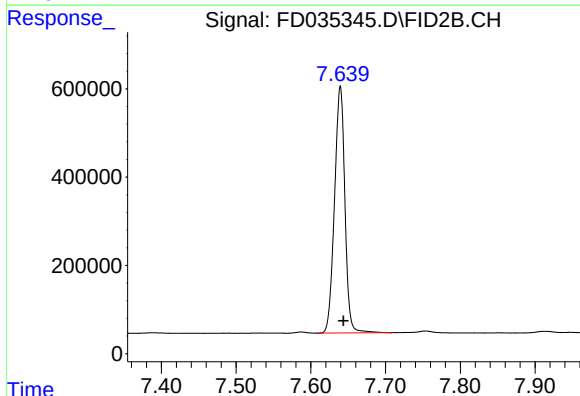
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.003 min
Response: 103066
Conc: 0.76 ug/ml



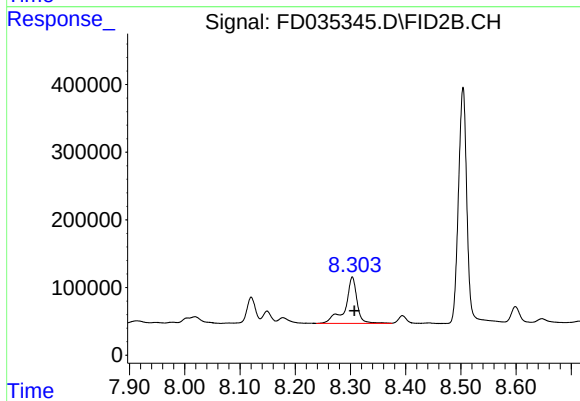
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.031 min
Delta R.T.: -0.003 min
Response: 170851
Conc: 1.25 ug/ml



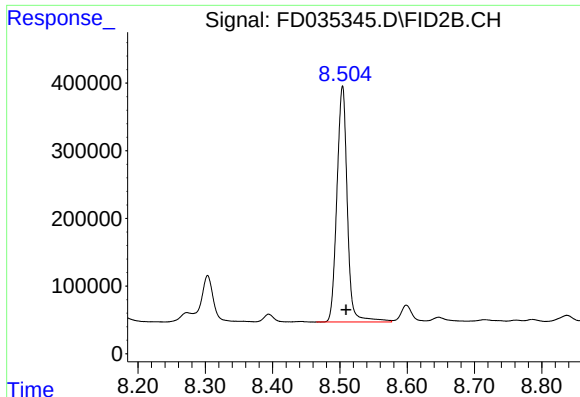
#4 2-Bromonaphthalene (SURR)

R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 5412329
Conc: 46.66 ug/ml



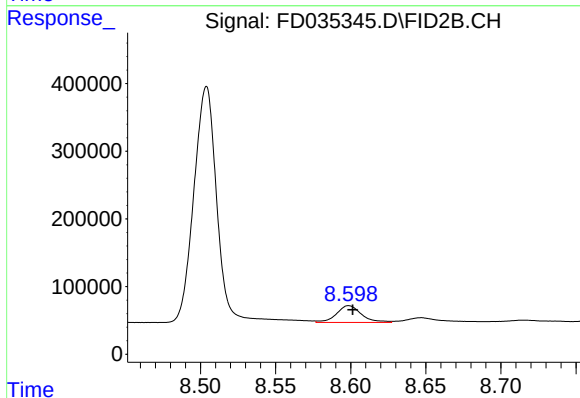
#5 Acenaphthylene (C15.06)

R.T.: 8.304 min
Delta R.T.: -0.004 min
Response: 1011123
Conc: 7.50 ug/ml



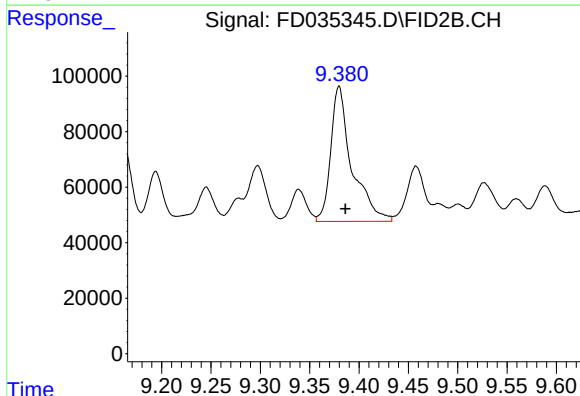
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.504 min
Delta R.T.: -0.006 min
Response: 3750779
Conc: 46.61 ug/ml



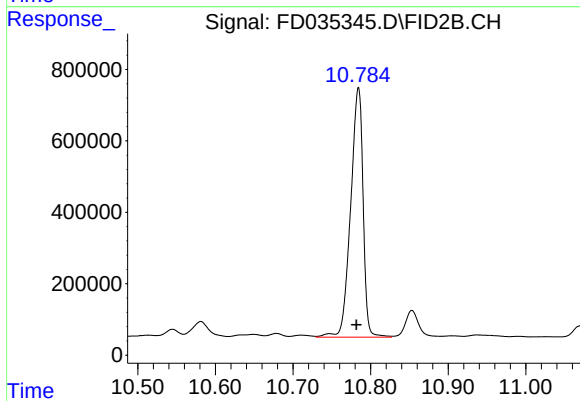
#7 Acenaphthene (C15.5)

R.T.: 8.599 min
Delta R.T.: -0.002 min
Response: 287591
Conc: 2.07 ug/ml



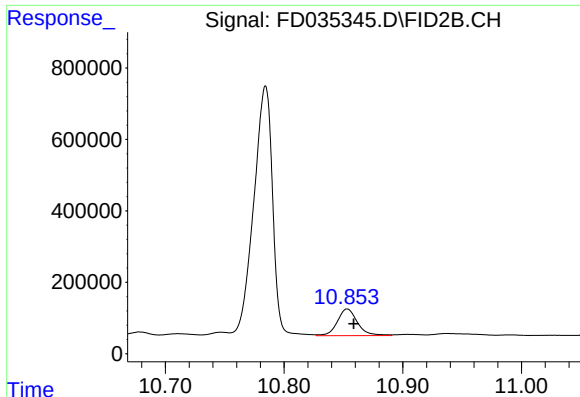
#8 Flouorene (C16.55)

R.T.: 9.380 min
Delta R.T.: -0.007 min
Response: 725415
Conc: 5.47 ug/ml



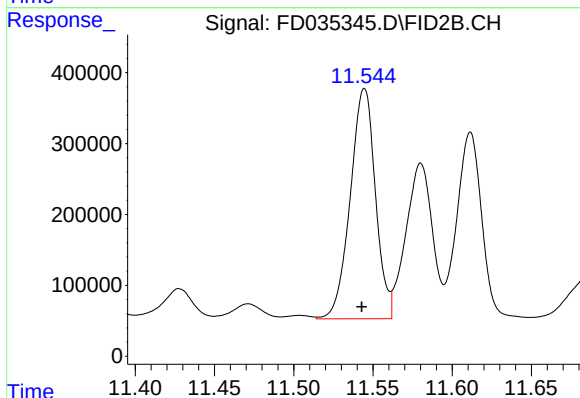
#9 Phenanthrene (C19.36)

R.T.: 10.784 min
Delta R.T.: 0.002 min
Response: 7810101
Conc: 59.08 ug/ml



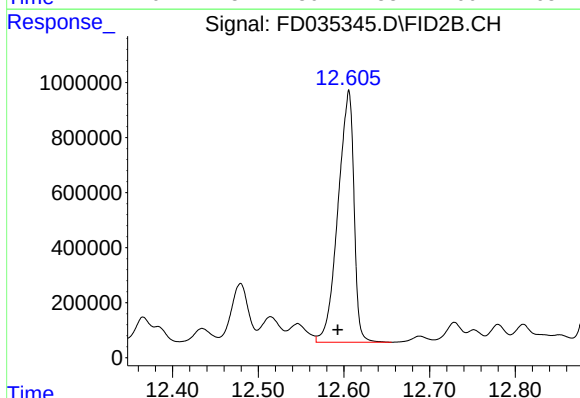
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.005 min
Response: 882132
Conc: 6.52 ug/ml



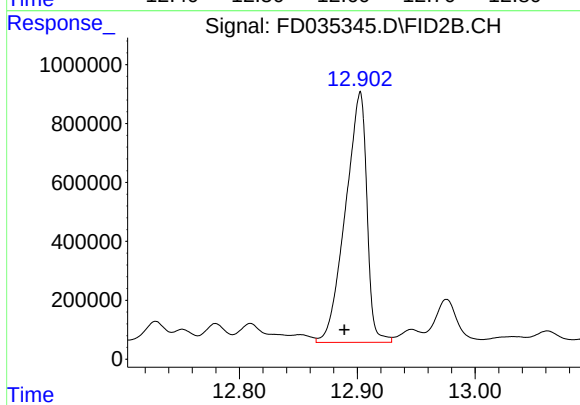
#11 ortho-Terphenyl (SURR)

R.T.: 11.544 min
Delta R.T.: 0.001 min
Response: 3590487
Conc: 25.84 ug/ml



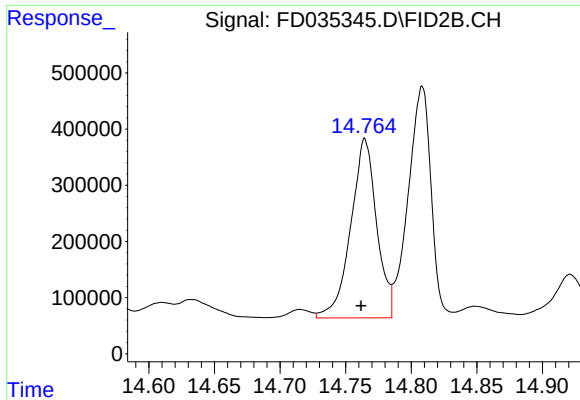
#12 Fluoranthene (C21.85)

R.T.: 12.605 min
Delta R.T.: 0.012 min
Response: 11853427
Conc: 88.23 ug/ml



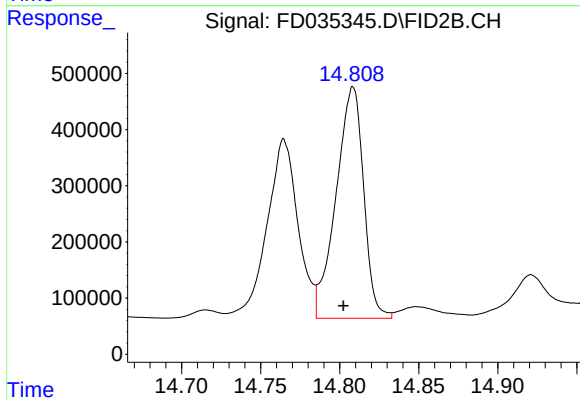
#13 Pyrene (C20.8)

R.T.: 12.902 min
Delta R.T.: 0.012 min
Response: 10747157
Conc: 80.81 ug/ml



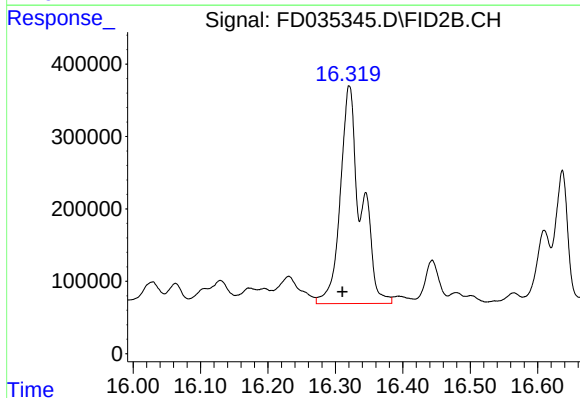
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: 0.003 min
Response: 4384936
Conc: 36.85 ug/ml



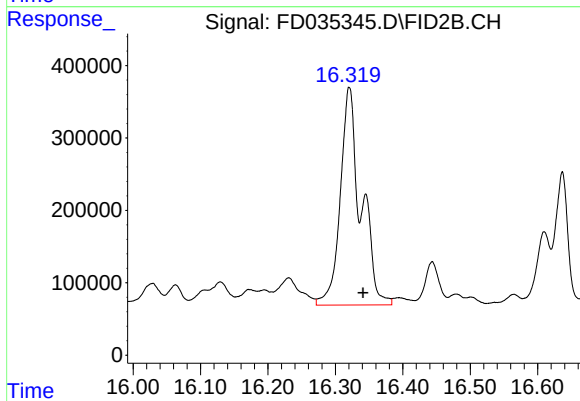
#15 Chrysene (C27.41)

R.T.: 14.808 min
Delta R.T.: 0.006 min
Response: 5013464
Conc: 37.85 ug/ml



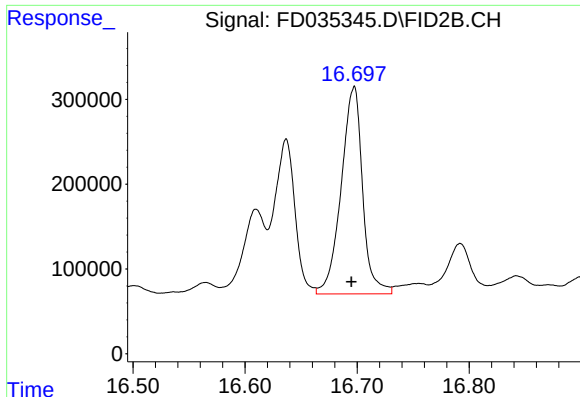
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.321 min
Delta R.T.: 0.010 min
Response: 6416986
Conc: 54.30 ug/ml



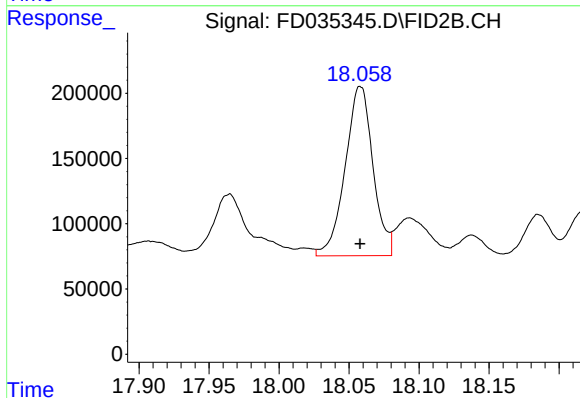
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.321 min
Delta R.T.: -0.020 min
Response: 6416986
Conc: 52.72 ug/ml



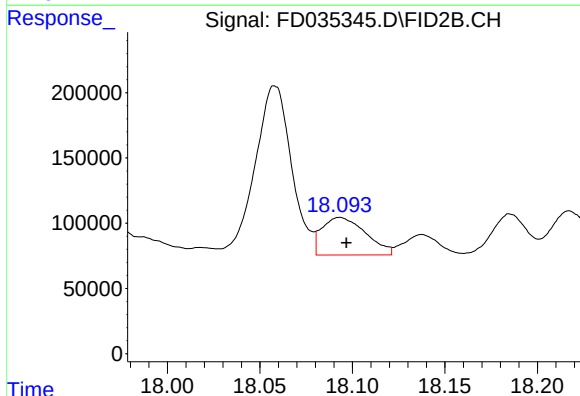
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.697 min
Delta R.T.: 0.002 min
Response: 3245881
Conc: 29.68 ug/ml



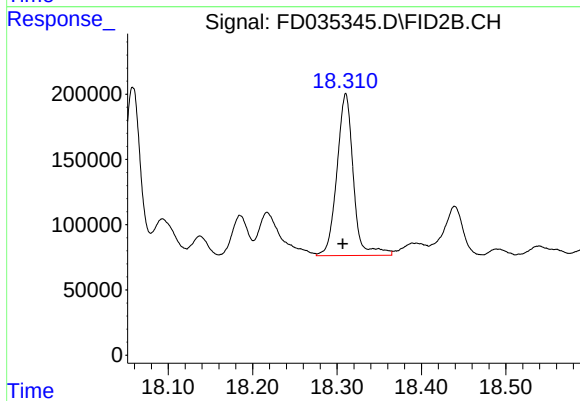
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.058 min
Delta R.T.: 0.000 min
Response: 1796276
Conc: 17.58 ug/ml



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

R.T.: 18.093 min
Delta R.T.: -0.003 min
Response: 473544
Conc: 4.14 ug/ml



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

R.T.: 18.310 min
Delta R.T.: 0.003 min
Response: 1679458
Conc: 15.69 ug/ml