

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110520AR\
 Data File : FD035362.D
 Signal(s) : FID2B.CH
 Acq On : 06 Nov 2020 00:06
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 06 01:44:13 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...	7.638	2223192	19.168 ug/ml
Spiked Amount 50.000		Recovery =	38.34%
6) S 2-Fluorobiphenyl (SURR)	8.503	1514117	18.816 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.63%
11) S ortho-Terphenyl (SURR)	11.540	2528113	18.192 ug/ml
Spiked Amount 50.000		Recovery =	36.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	2538110	19.677 ug/ml
2) T Naphthalene (C11.7)	5.977	2617473	19.331 ug/ml
3) T 2-Methylnaphthalene (...)	7.029	2613879	19.176 ug/ml
5) T Acenaphthylene (C15.06)	8.305	2496854	18.521 ug/ml
7) T Acenaphthene (C15.5)	8.600	2600393	18.732 ug/ml
8) T Fluorene (C16.55)	9.381	2471759	18.641 ug/ml
9) T Phenanthrene (C19.36)	10.778	2410900	18.238 ug/ml
10) T Anthracene (C19.43)	10.853	2373428	17.555 ug/ml
12) T Fluoranthene (C21.85)	12.590	2316071	17.240 ug/ml
13) T Pyrene (C20.8)	12.888	2230953	16.775 ug/ml
14) T Benzo[a]anthracene (C...	14.760	2030094	17.060 ug/ml
15) T Chrysene (C27.41)	14.801	2191036	16.543 ug/ml
16) T benzo[b]fluoranthene ...	16.310	2081276	17.612 ug/ml
17) T Bnezo[k]fluoranthene ...	16.342	2068074	16.992 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.689	1919739	17.553 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	2005984	19.628 ug/ml
20) T Dibenz[a,h]anthracene...	18.092	2109302	18.441 ug/ml
21) T Benzo[g,h,i]perylene ...	18.310	2072410	19.357 ug/ml

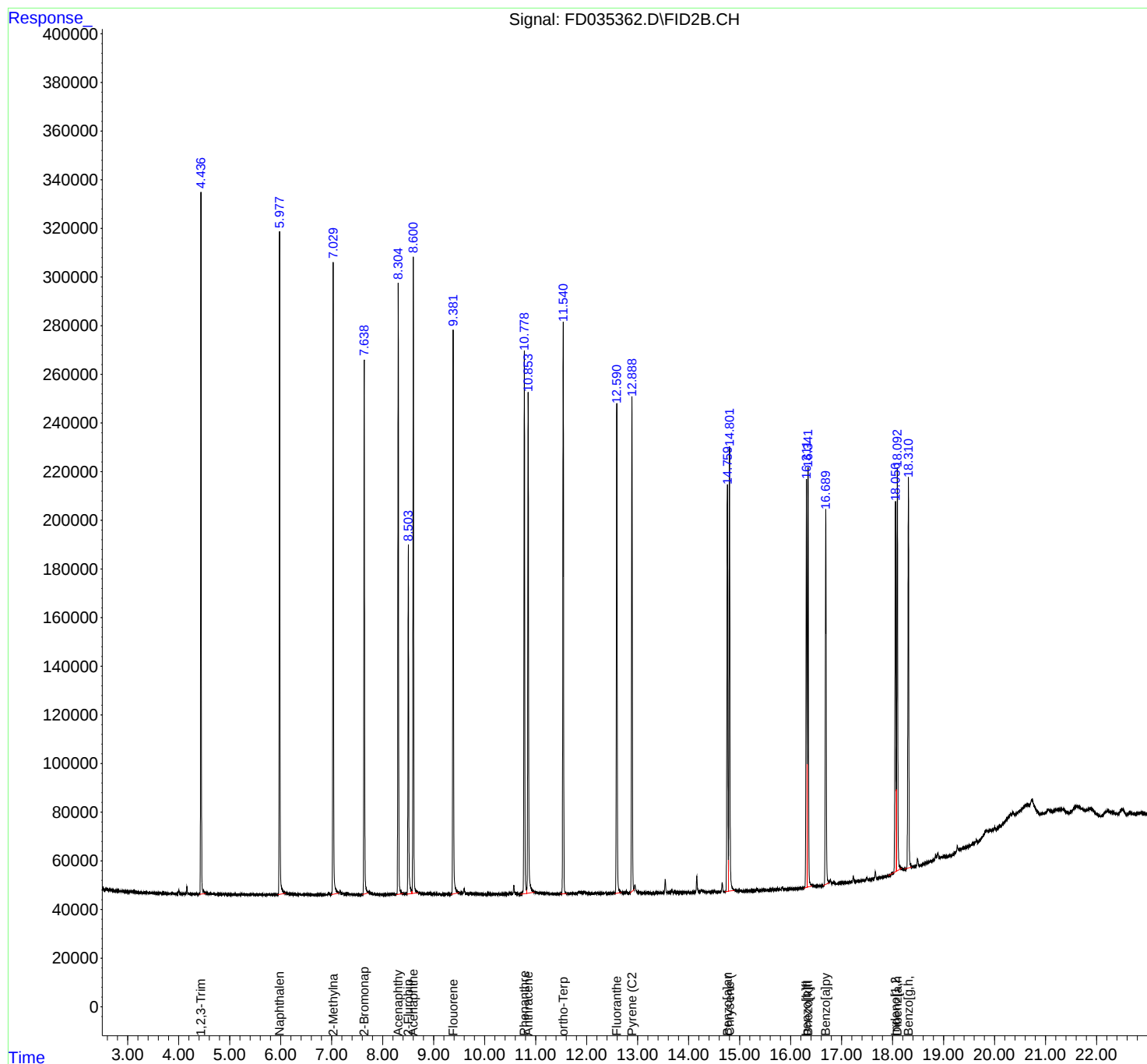
(f)=RT Delta > 1/2 Window

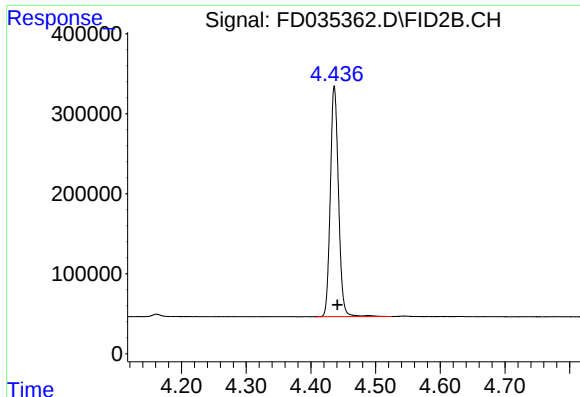
(m)=manual int.

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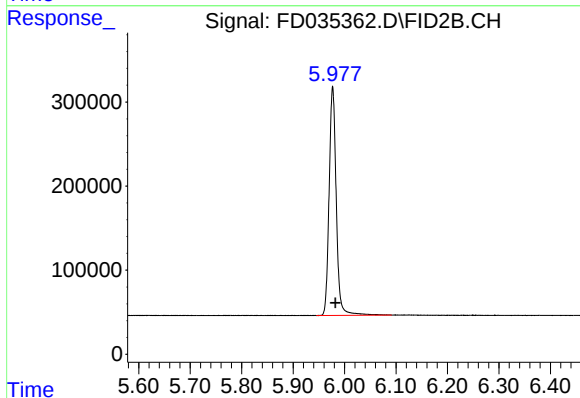
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Signal Info : 20M x 0.18mm x 0.18µm





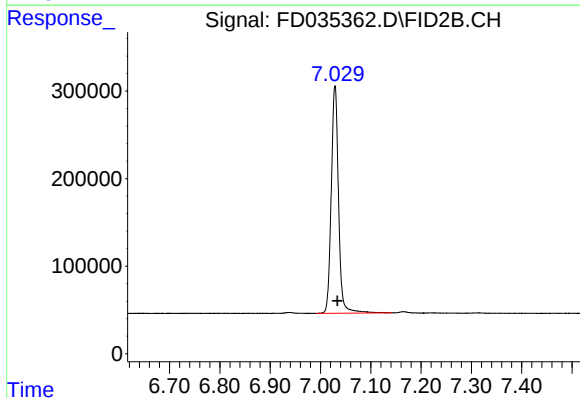
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.436 min
Delta R.T.: -0.005 min
Response: 2538110
Conc: 19.68 ug/ml



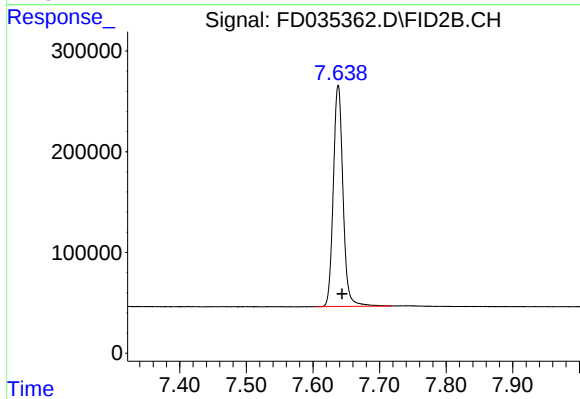
#2 Naphthalene (C11.7)

R.T.: 5.977 min
Delta R.T.: -0.005 min
Response: 2617473
Conc: 19.33 ug/ml



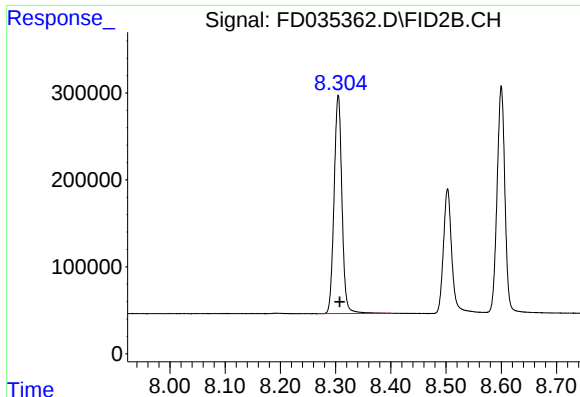
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.029 min
Delta R.T.: -0.005 min
Response: 2613879
Conc: 19.18 ug/ml



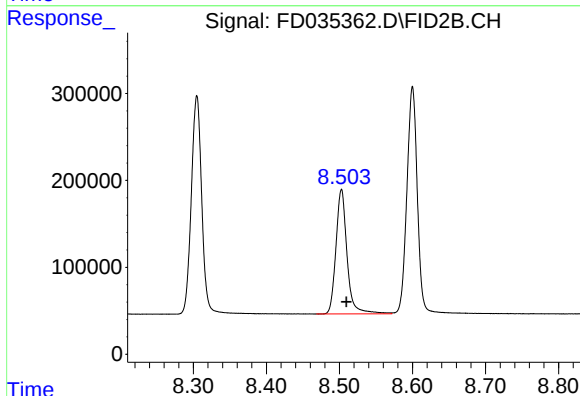
#4 2-Bromonaphthalene (SURR)

R.T.: 7.638 min
Delta R.T.: -0.006 min
Response: 2223192
Conc: 19.17 ug/ml



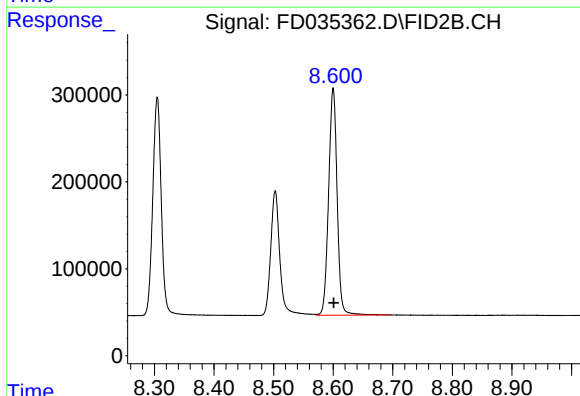
#5 Acenaphthylene (C15.06)

R.T.: 8.305 min
Delta R.T.: -0.003 min
Response: 2496854
Conc: 18.52 ug/ml



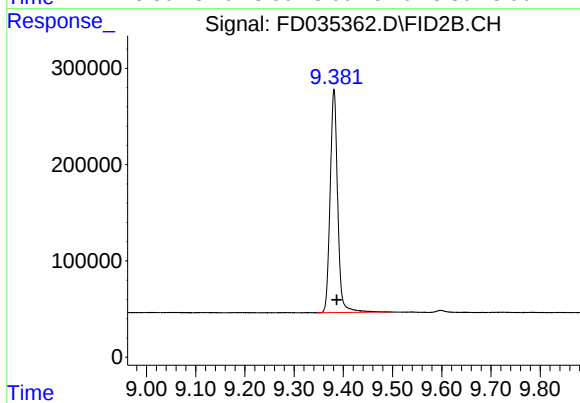
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.503 min
Delta R.T.: -0.007 min
Response: 1514117
Conc: 18.82 ug/ml



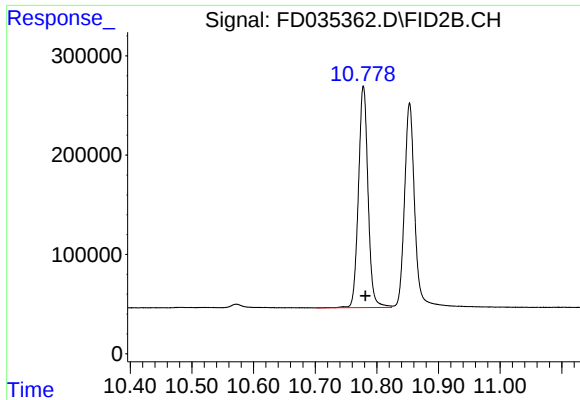
#7 Acenaphthene (C15.5)

R.T.: 8.600 min
Delta R.T.: -0.001 min
Response: 2600393
Conc: 18.73 ug/ml



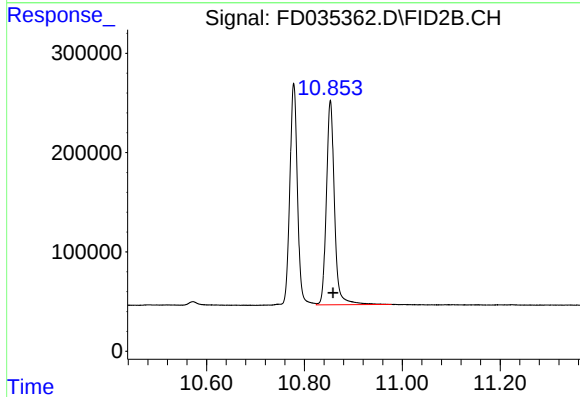
#8 Fluorene (C16.55)

R.T.: 9.381 min
Delta R.T.: -0.005 min
Response: 2471759
Conc: 18.64 ug/ml



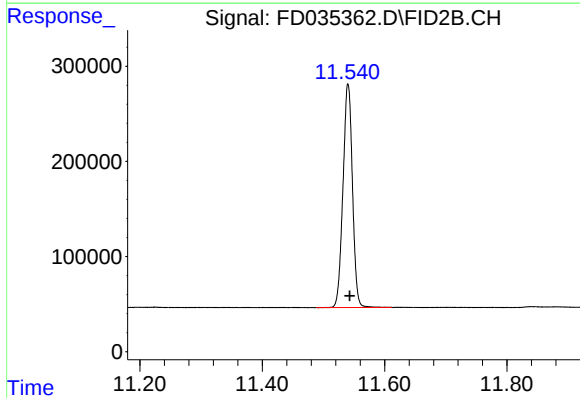
#9 Phenanthrene (C19.36)

R.T.: 10.778 min
Delta R.T.: -0.003 min
Response: 2410900
Conc: 18.24 ug/ml



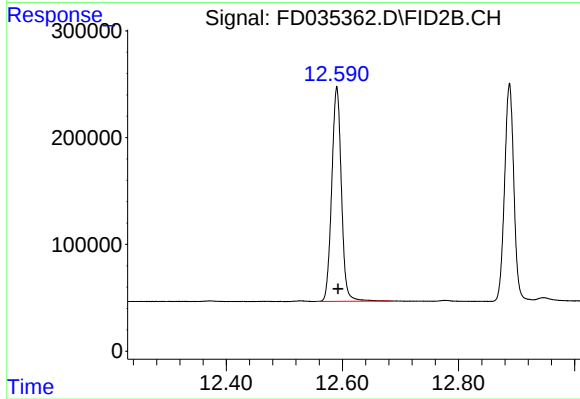
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.005 min
Response: 2373428
Conc: 17.55 ug/ml



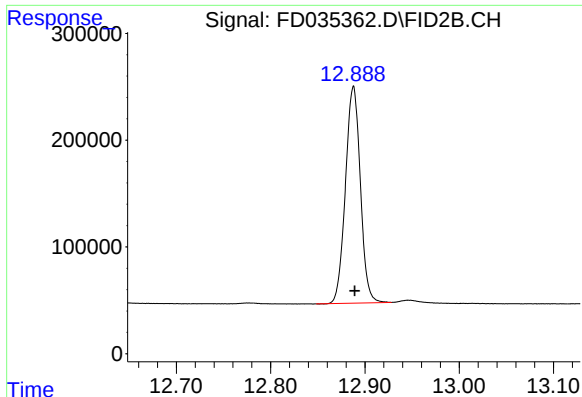
#11 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.003 min
Response: 2528113
Conc: 18.19 ug/ml



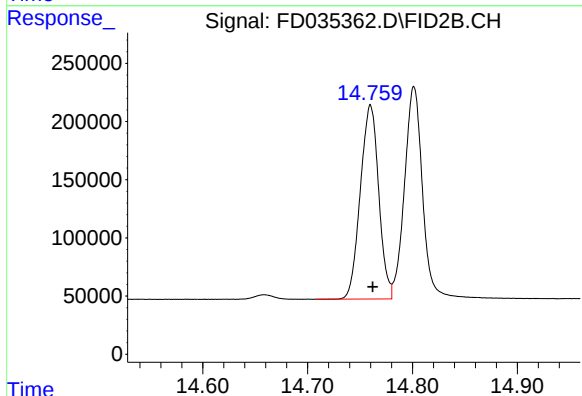
#12 Fluoranthene (C21.85)

R.T.: 12.590 min
Delta R.T.: -0.002 min
Response: 2316071
Conc: 17.24 ug/ml



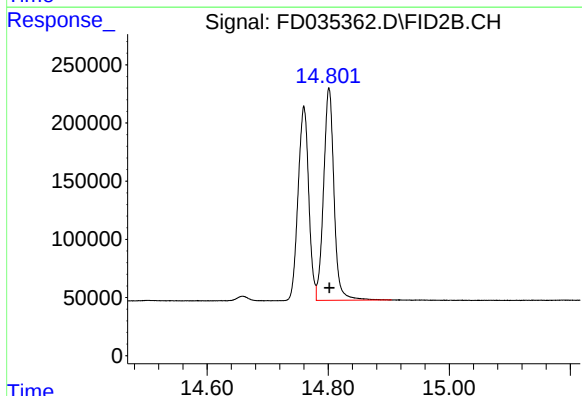
#13 Pyrene (C20.8)

R.T.: 12.888 min
Delta R.T.: -0.001 min
Response: 2230953
Conc: 16.78 ug/ml



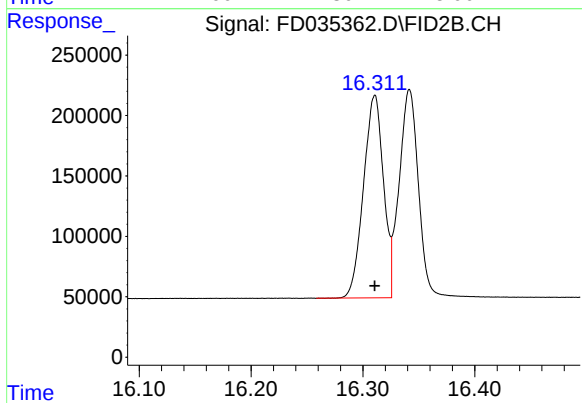
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.760 min
Delta R.T.: -0.002 min
Response: 2030094
Conc: 17.06 ug/ml



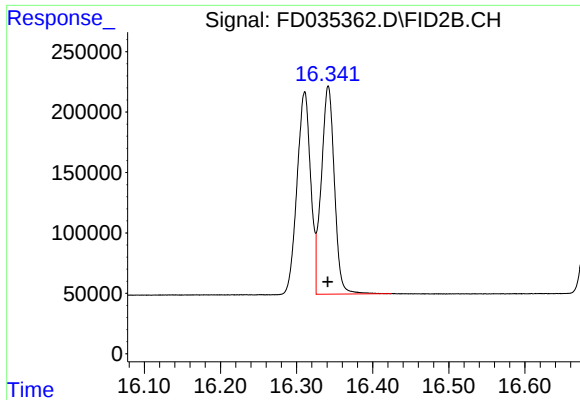
#15 Chrysene (C27.41)

R.T.: 14.801 min
Delta R.T.: 0.000 min
Response: 2191036
Conc: 16.54 ug/ml



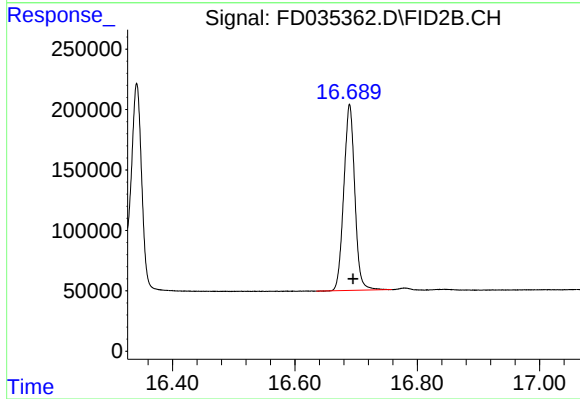
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.310 min
Delta R.T.: 0.000 min
Response: 2081276
Conc: 17.61 ug/ml



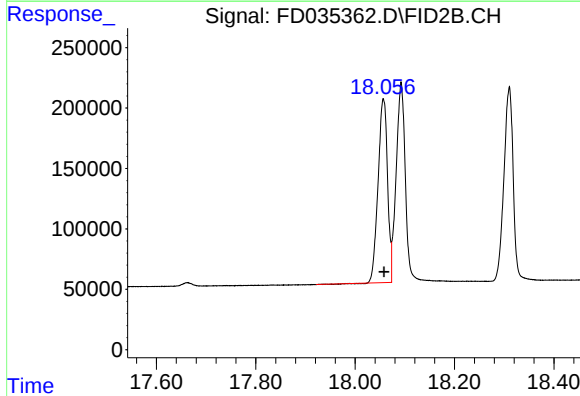
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.342 min
Delta R.T.: 0.000 min
Response: 2068074
Conc: 16.99 ug/ml



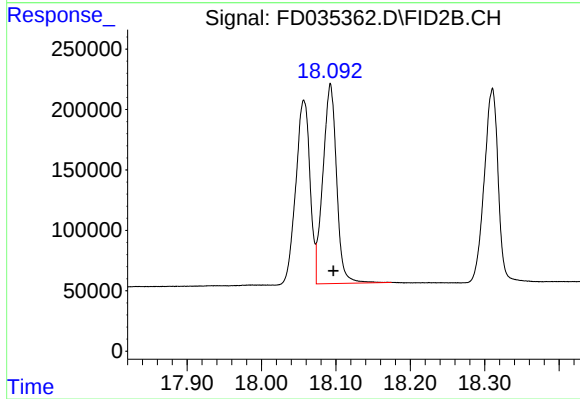
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.689 min
Delta R.T.: -0.006 min
Response: 1919739
Conc: 17.55 ug/ml



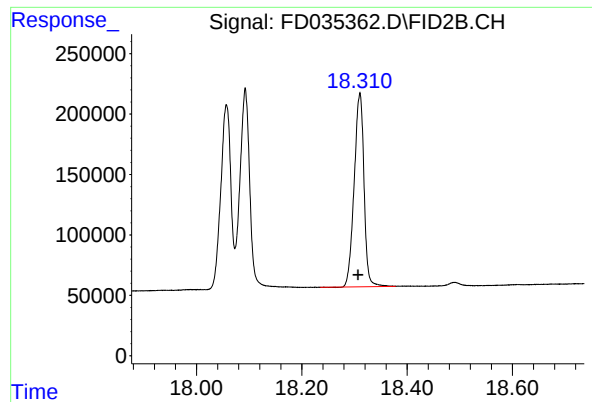
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min
Delta R.T.: -0.001 min
Response: 2005984
Conc: 19.63 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.004 min
Response: 2109302
Conc: 18.44 ug/ml



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

R.T.: 18.310 min
Delta R.T.: 0.003 min
Response: 2072410
Conc: 19.36 ug/ml