

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102020AR\
 Data File : FD035091.D
 Signal(s) : FID2B.CH
 Acq On : 20 Oct 2020 10:12
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 20 13:31:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 100120.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 02 10:31:12 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...	7.648	2406661	20.646 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
6) S 2-Fluorobiphenyl (SURR)	8.513	1625869	19.804 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.61%
11) S ortho-Terphenyl (SURR)	11.552	2673749	19.499 ug/ml
Spiked Amount 50.000		Recovery =	39.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.446	2728967	21.017 ug/ml
2) T Naphthalene (C11.7)	5.986	2858472	20.884 ug/ml
3) T 2-Methylnaphthalene (...)	7.039	2837502	20.687 ug/ml
5) T Acenaphthylene (C15.06)	8.315	2660936	19.654 ug/ml
7) T Acenaphthene (C15.5)	8.610	2805188	20.319 ug/ml
8) T Fluorene (C16.55)	9.392	2645243	19.678 ug/ml
9) T Phenanthrene (C19.36)	10.789	2515439	18.833 ug/ml
10) T Anthracene (C19.43)	10.864	2253318	16.686 ug/ml
12) T Fluoranthene (C21.85)	12.600	2391507	18.173 ug/ml
13) T Pyrene (C20.8)	12.898	2370860	18.519 ug/mlm
14) T Benzo[a]anthracene (C...	14.769	2034200	17.869 ug/mlm
15) T Chrysene (C27.41)	14.812	2212215	18.062 ug/ml
16) T benzo[b]fluoranthene ...	16.320	2090372	19.502 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.352	2112864	19.559 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.699	1935137	19.860 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.064	2019835	21.803 ug/mlm
20) T Dibenz[a,h]anthracene...	18.102	2205364	21.838 ug/ml
21) T Benzo[g,h,i]perylene ...	18.317	2117090	21.971 ug/ml

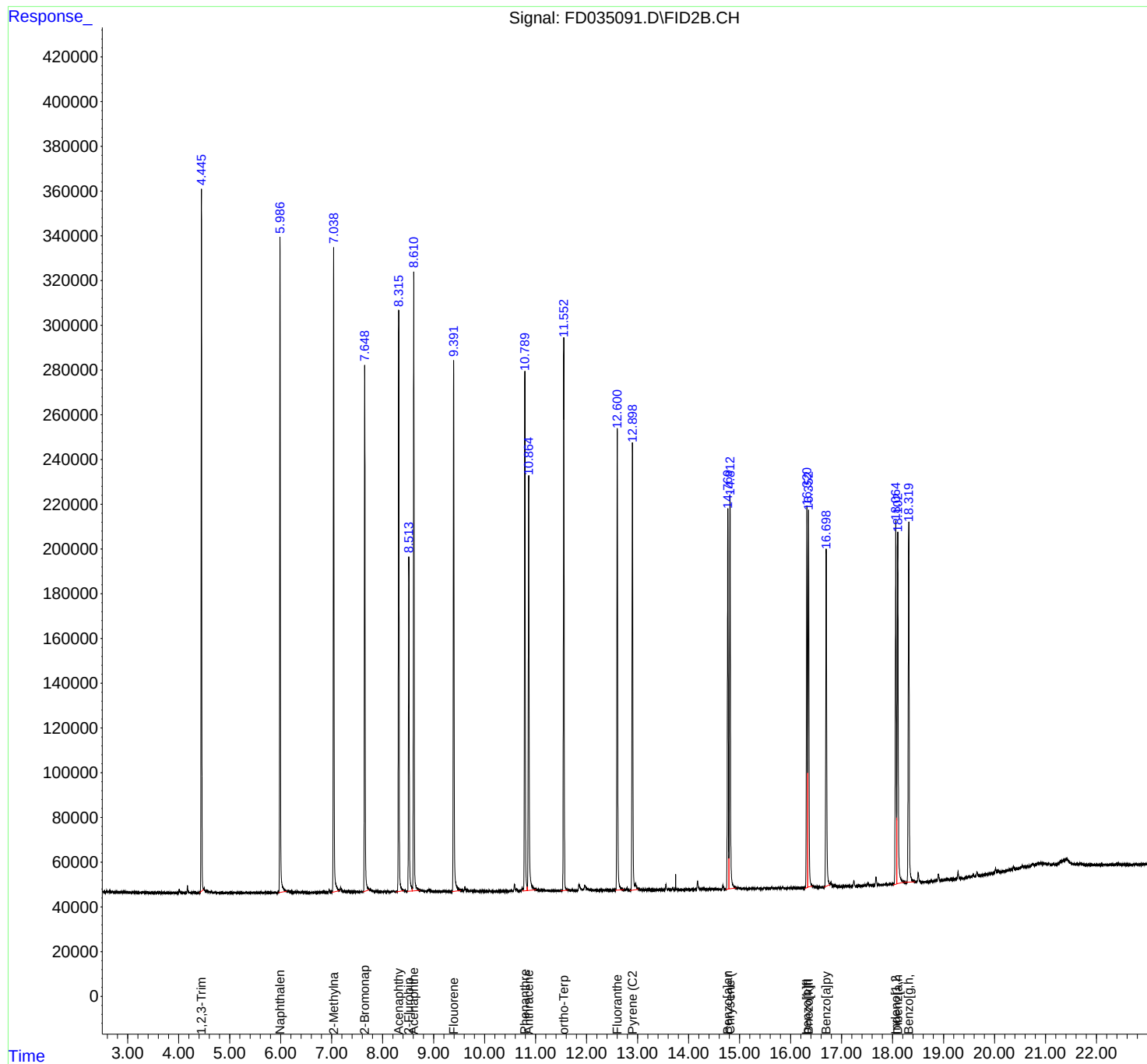
(f)=RT Delta > 1/2 Window

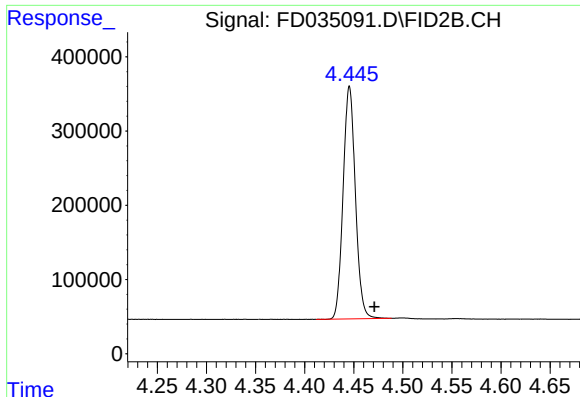
(m)=manual int.

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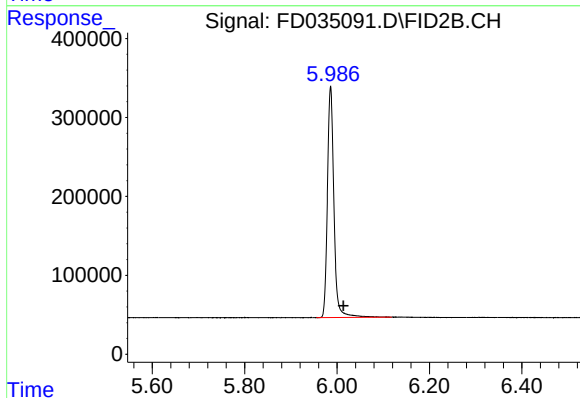
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





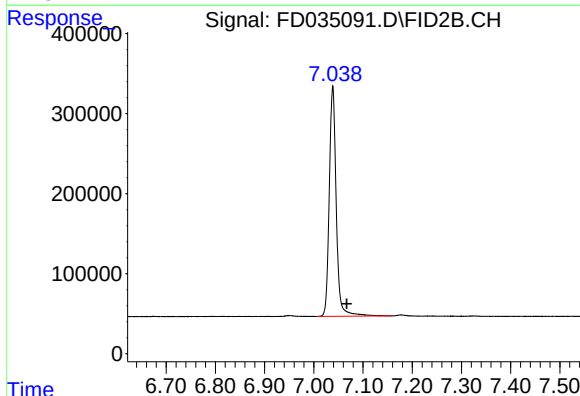
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.446 min
Delta R.T.: -0.025 min
Response: 2728967
Conc: 21.02 ug/ml



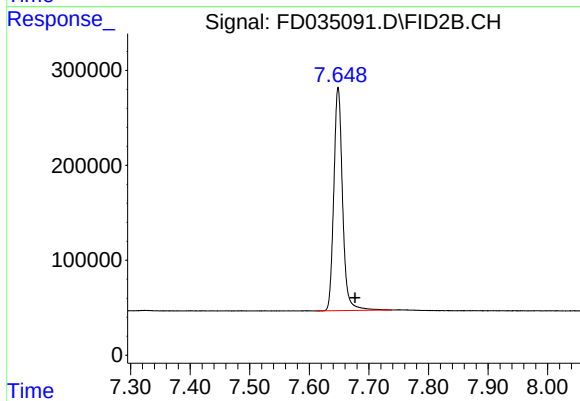
#2 Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.028 min
Response: 2858472
Conc: 20.88 ug/ml



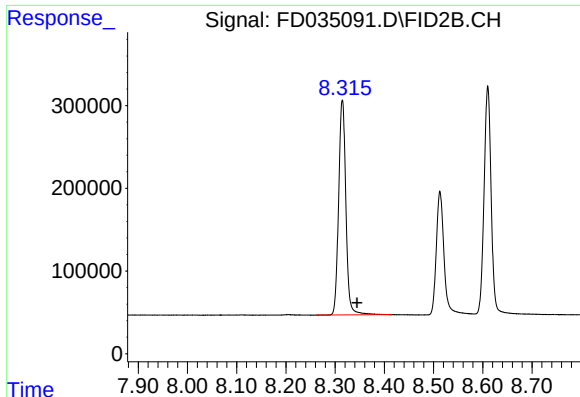
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: -0.029 min
Response: 2837502
Conc: 20.69 ug/ml



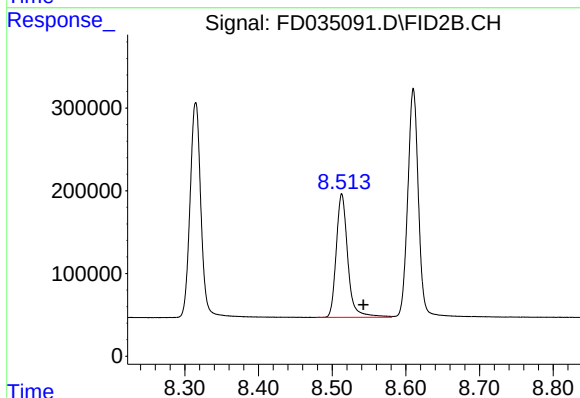
#4 2-Bromonaphthalene (SURR)

R.T.: 7.648 min
Delta R.T.: -0.028 min
Response: 2406661
Conc: 20.65 ug/ml



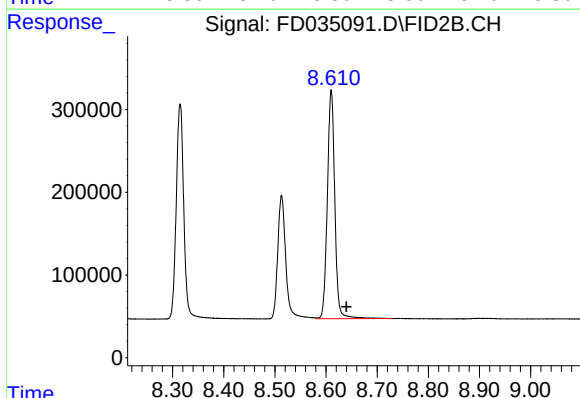
#5 Acenaphthylene (C15.06)

R.T.: 8.315 min
Delta R.T.: -0.030 min
Response: 2660936
Conc: 19.65 ug/ml



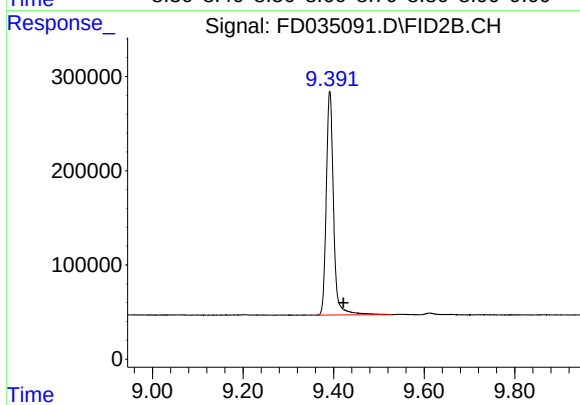
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.513 min
Delta R.T.: -0.029 min
Response: 1625869
Conc: 19.80 ug/ml



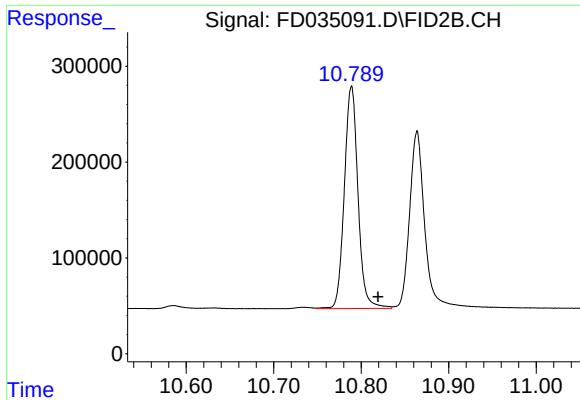
#7 Acenaphthene (C15.5)

R.T.: 8.610 min
Delta R.T.: -0.030 min
Response: 2805188
Conc: 20.32 ug/ml



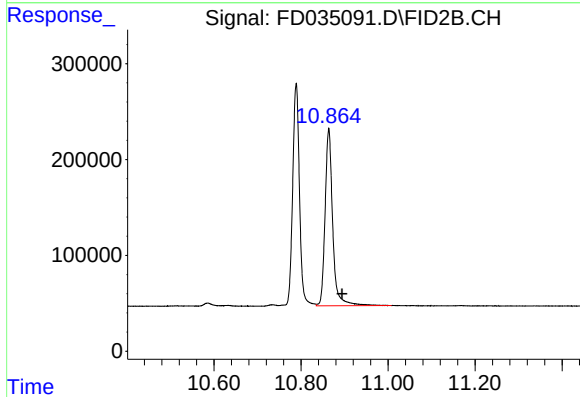
#8 Fluorene (C16.55)

R.T.: 9.392 min
Delta R.T.: -0.030 min
Response: 2645243
Conc: 19.68 ug/ml



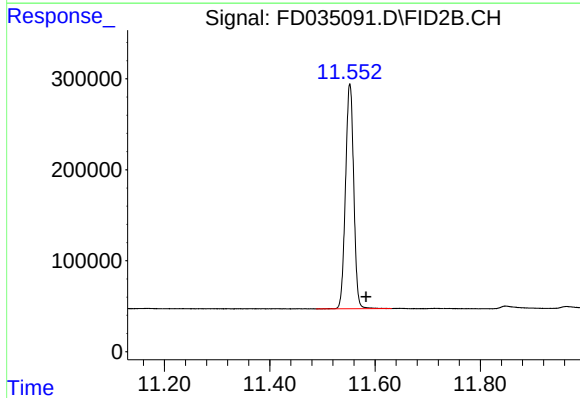
#9 Phenanthrene (C19.36)

R.T.: 10.789 min
Delta R.T.: -0.031 min
Response: 2515439
Conc: 18.83 ug/ml



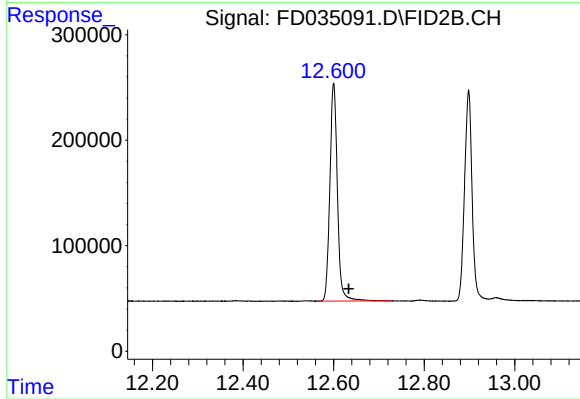
#10 Anthracene (C19.43)

R.T.: 10.864 min
Delta R.T.: -0.031 min
Response: 2253318
Conc: 16.69 ug/ml



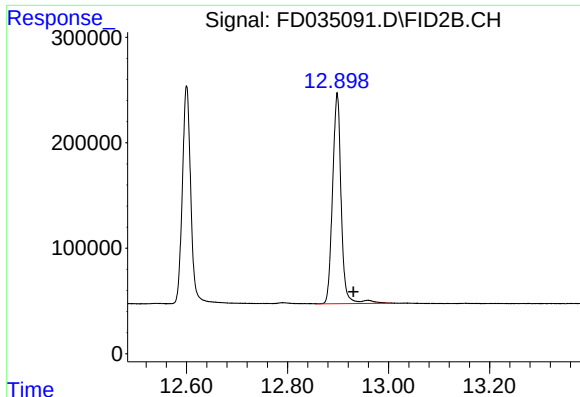
#11 ortho-Terphenyl (SURR)

R.T.: 11.552 min
Delta R.T.: -0.031 min
Response: 2673749
Conc: 19.50 ug/ml



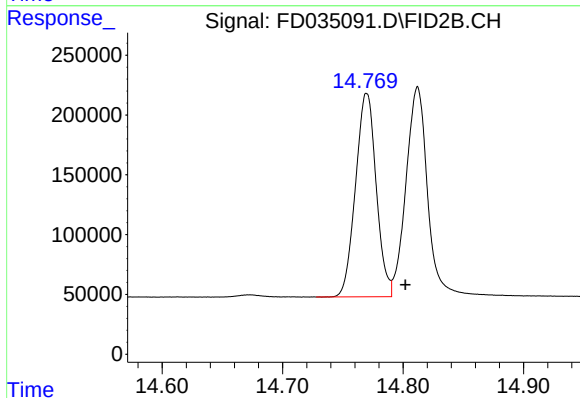
#12 Fluoranthene (C21.85)

R.T.: 12.600 min
Delta R.T.: -0.033 min
Response: 2391507
Conc: 18.17 ug/ml



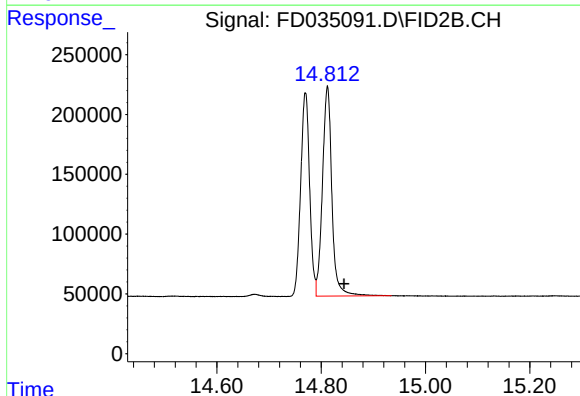
#13 Pyrene (C20.8)

R.T.: 12.898 min
Delta R.T.: -0.032 min
Response: 2370860
Conc: 18.52 ug/ml m



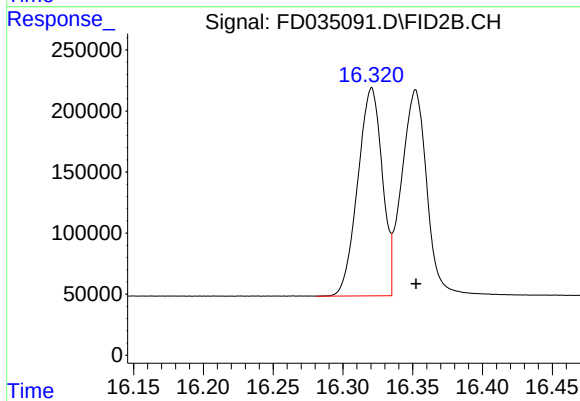
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.769 min
Delta R.T.: -0.033 min
Response: 2034200
Conc: 17.87 ug/ml m



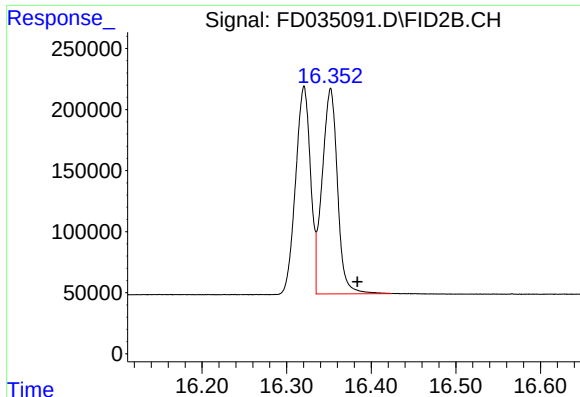
#15 Chrysene (C27.41)

R.T.: 14.812 min
Delta R.T.: -0.032 min
Response: 2212215
Conc: 18.06 ug/ml



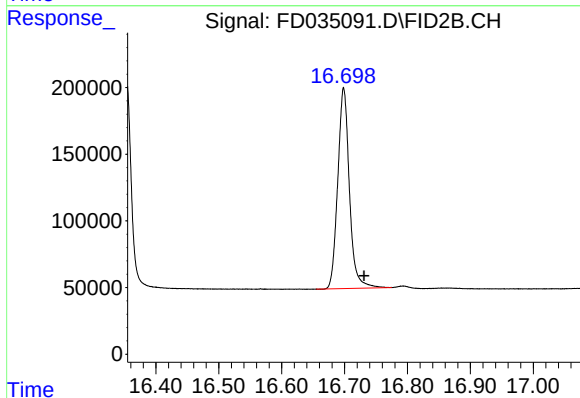
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.320 min
Delta R.T.: -0.032 min
Response: 2090372
Conc: 19.50 ug/ml m



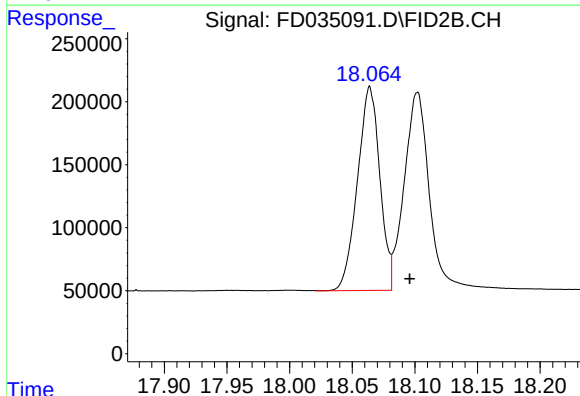
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.352 min
Delta R.T.: -0.032 min
Response: 2112864
Conc: 19.56 ug/ml m



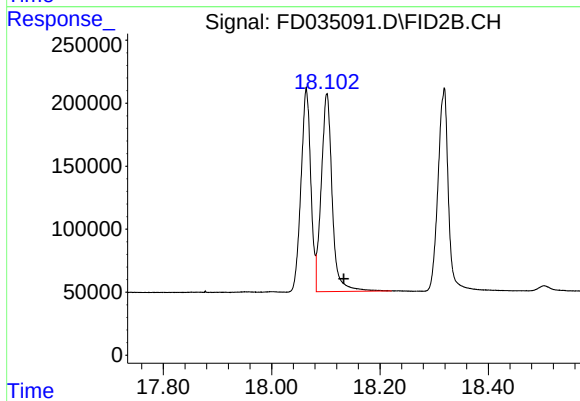
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.699 min
Delta R.T.: -0.032 min
Response: 1935137
Conc: 19.86 ug/ml



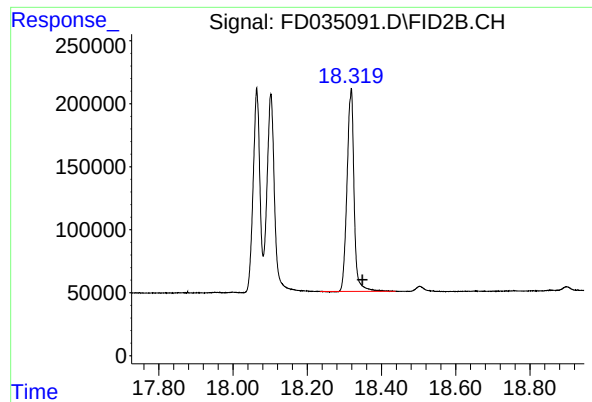
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.064 min
Delta R.T.: -0.032 min
Response: 2019835
Conc: 21.80 ug/ml m



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

R.T.: 18.102 min
Delta R.T.: -0.032 min
Response: 2205364
Conc: 21.84 ug/ml



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

R.T.: 18.317 min
Delta R.T.: -0.032 min
Response: 2117090
Conc: 21.97 ug/ml