

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101619AR\
 Data File : FD031030.D
 Signal(s) : FID2B.CH
 Acq On : 16 Oct 2019 13:12
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 17 01:27:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.553	2041063	21.353 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
6) S 2-Fluorobiphenyl (SURR)	8.413	1356535	21.379 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.76%
11) S ortho-Terphenyl (SURR)	11.438	2245892	20.492 ug/ml
Spiked Amount 50.000		Recovery =	40.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.362	2161182	21.786 ug/ml
2) T Naphthalene (C11.7)	5.895	2200976	21.738 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	2228043	21.730 ug/ml
5) T Acenaphthylene (C15.06)	8.214	2200789	21.320 ug/ml
7) T Acenaphthene (C15.5)	8.508	2344276	21.476 ug/ml
8) T Fluorene (C16.55)	9.288	2216189	21.379 ug/ml
9) T Phenanthrene (C19.36)	10.678	2207371	21.130 ug/ml
10) T Anthracene (C19.43)	10.754	2177742	20.755 ug/ml
12) T Fluoranthene (C21.85)	12.483	2240620	21.092 ug/ml
13) T Pyrene (C20.8)	12.778	2141748	20.213 ug/ml
14) T Benzo[a]anthracene (C...	14.644	2030892	21.139 ug/ml
15) T Chrysene (C27.41)	14.686	2287482	20.807 ug/ml
16) T benzo[b]fluoranthene ...	16.221	2256792	23.265 ug/ml
17) T Bnezo[k]fluoranthene ...	16.221	2256792	20.733 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.569	1982922	20.207 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.968	2243992	24.827 ug/ml
20) T Dibenz[a,h]anthracene...	17.968	2243992	21.859 ug/ml
21) T Benzo[g,h,i]perylene ...	18.184	1994627	20.925 ug/ml

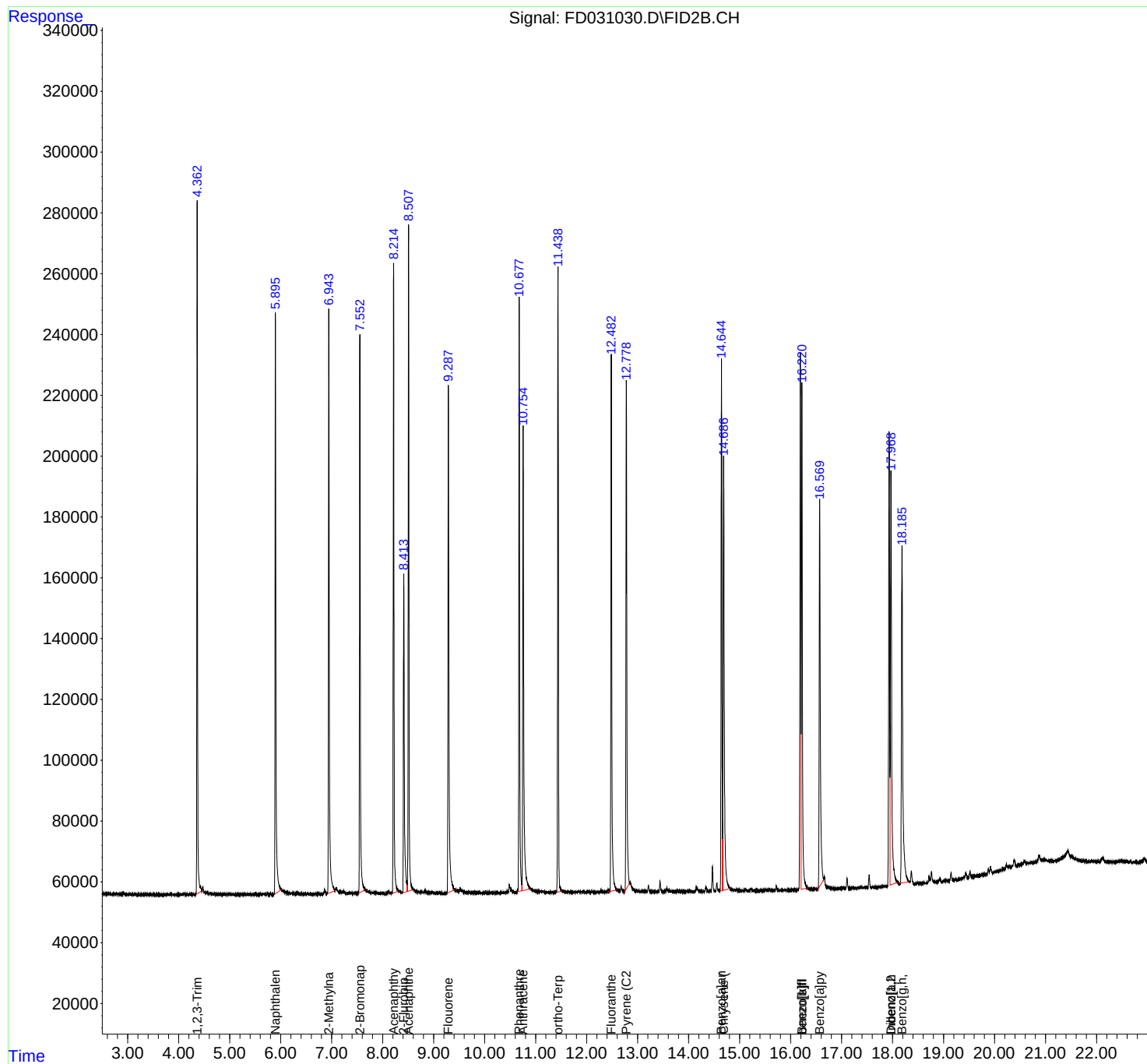
(f)=RT Delta > 1/2 Window

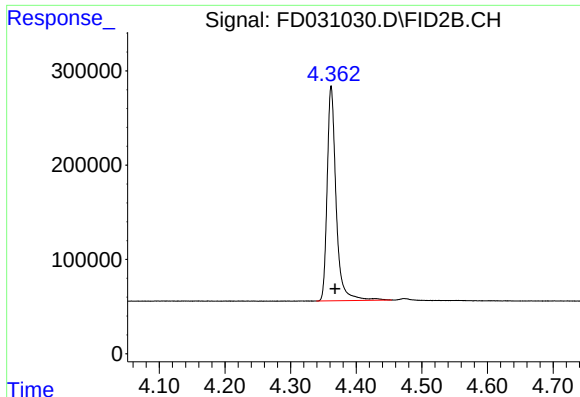
(m)=manual int.

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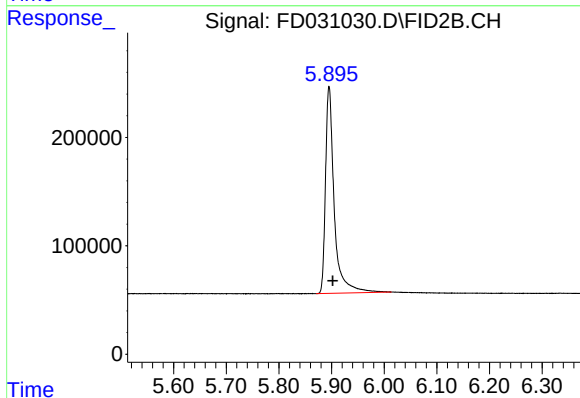
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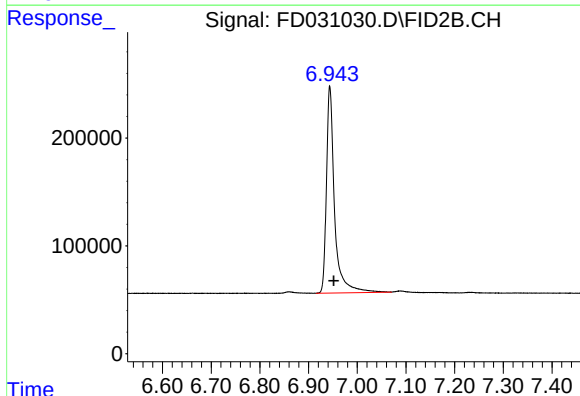
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.362 min
Delta R.T.: -0.006 min
Response: 2161182
Conc: 21.79 ug/ml



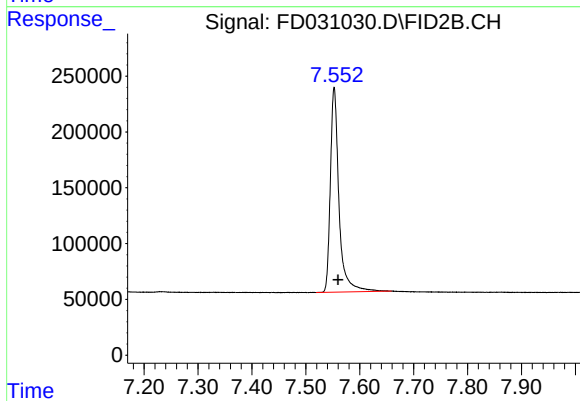
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.006 min
Response: 2200976
Conc: 21.74 ug/ml



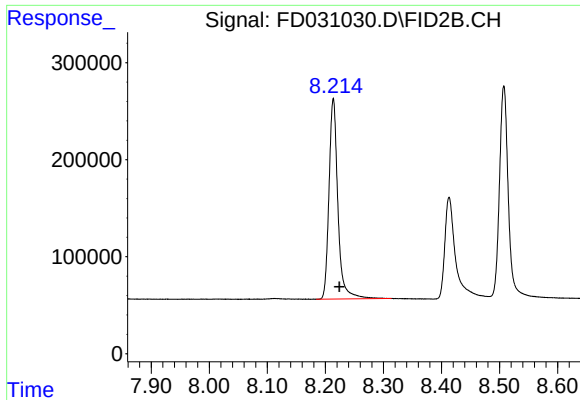
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.008 min
Response: 2228043
Conc: 21.73 ug/ml



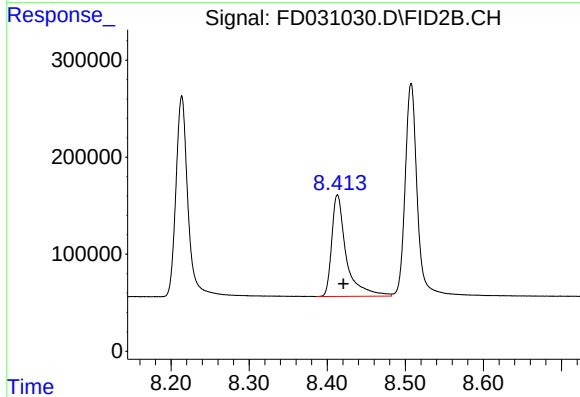
#4 2-Bromonaphthalene (SURR)

R.T.: 7.553 min
Delta R.T.: -0.007 min
Response: 2041063
Conc: 21.35 ug/ml



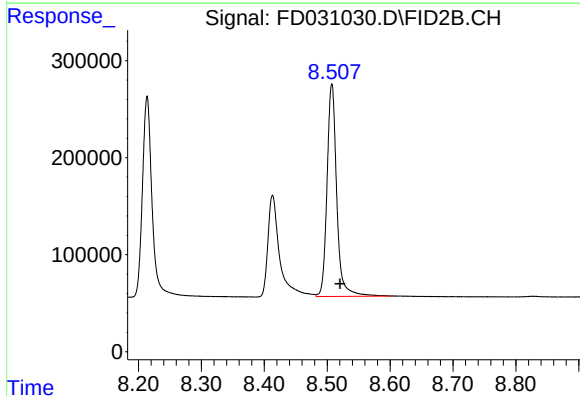
#5 Acenaphthylene (C15.06)

R.T.: 8.214 min
Delta R.T.: -0.010 min
Response: 2200789
Conc: 21.32 ug/ml



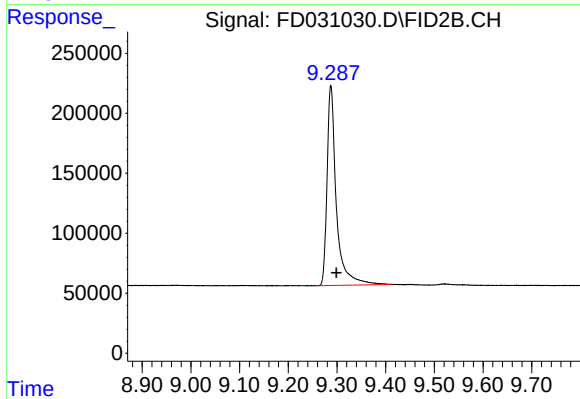
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.007 min
Response: 1356535
Conc: 21.38 ug/ml



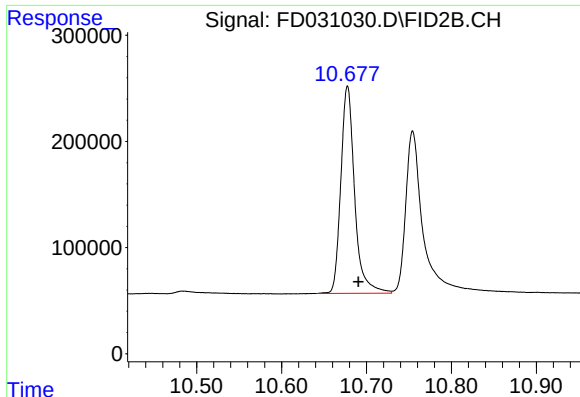
#7 Acenaphthene (C15.5)

R.T.: 8.508 min
Delta R.T.: -0.013 min
Response: 2344276
Conc: 21.48 ug/ml



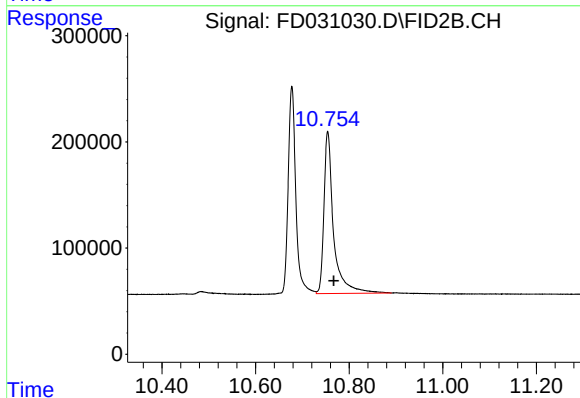
#8 Fluorene (C16.55)

R.T.: 9.288 min
Delta R.T.: -0.011 min
Response: 2216189
Conc: 21.38 ug/ml



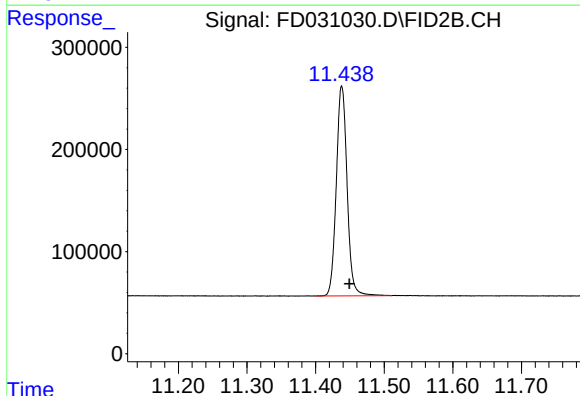
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.013 min
Response: 2207371
Conc: 21.13 ug/ml



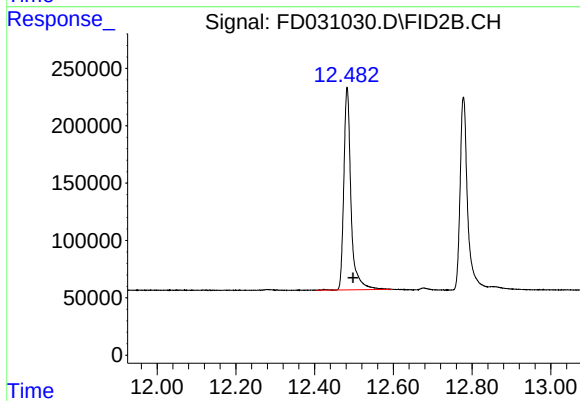
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.013 min
Response: 2177742
Conc: 20.75 ug/ml



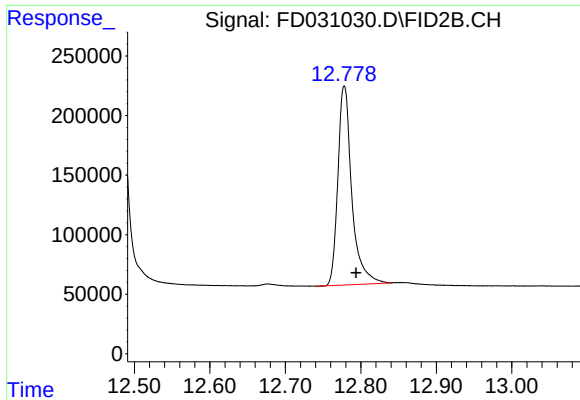
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: -0.011 min
Response: 2245892
Conc: 20.49 ug/ml



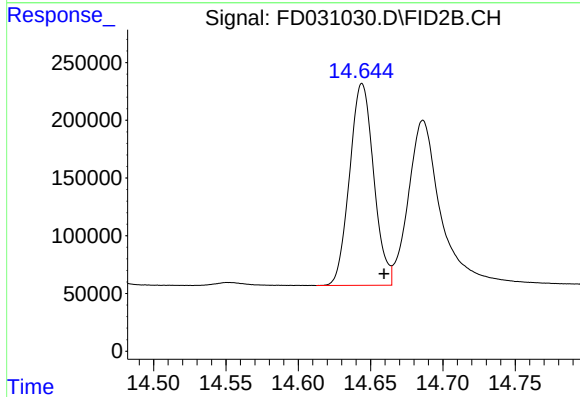
#12 Fluoranthene (C21.85)

R.T.: 12.483 min
Delta R.T.: -0.015 min
Response: 2240620
Conc: 21.09 ug/ml



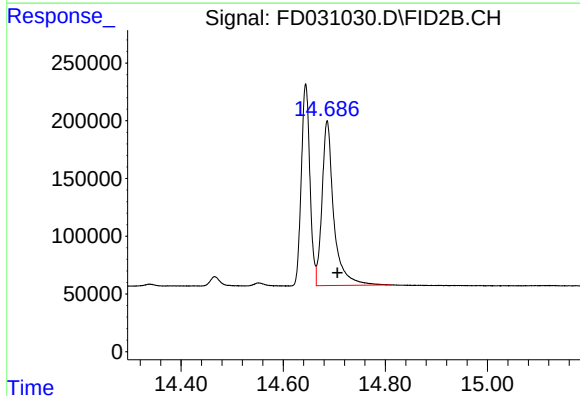
#13 Pyrene (C20.8)

R.T.: 12.778 min
Delta R.T.: -0.016 min
Response: 2141748
Conc: 20.21 ug/ml



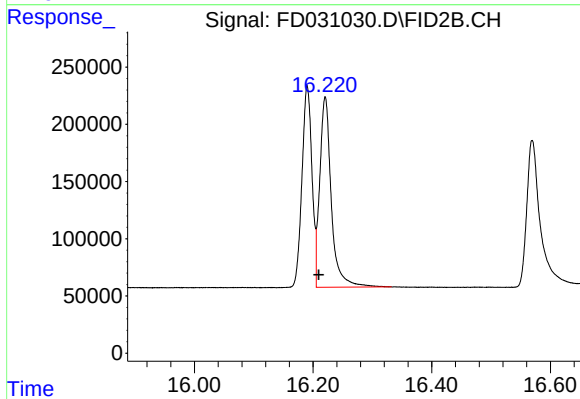
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.644 min
Delta R.T.: -0.015 min
Response: 2030892
Conc: 21.14 ug/ml



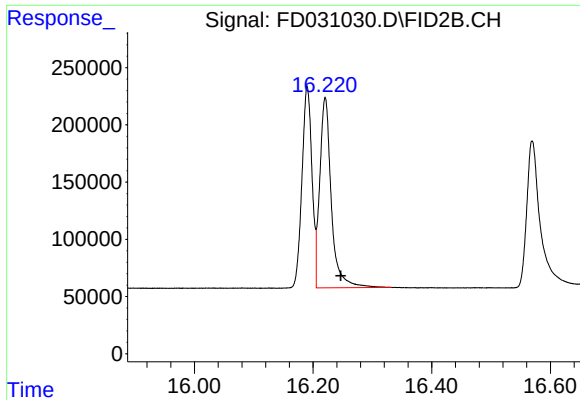
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: -0.020 min
Response: 2287482
Conc: 20.81 ug/ml



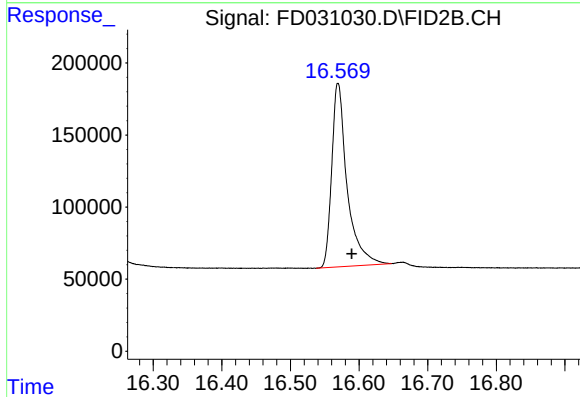
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.221 min
Delta R.T.: 0.011 min
Response: 2256792
Conc: 23.27 ug/ml



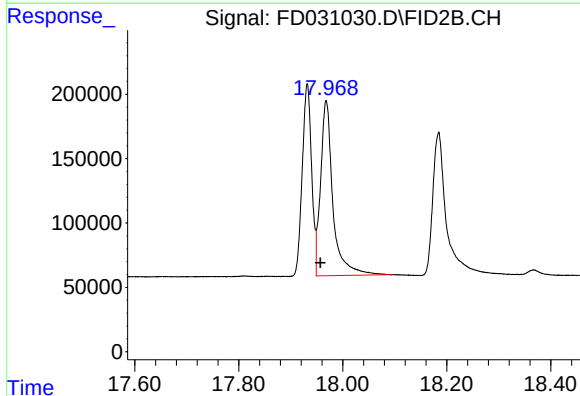
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.221 min
Delta R.T.: -0.026 min
Response: 2256792
Conc: 20.73 ug/ml



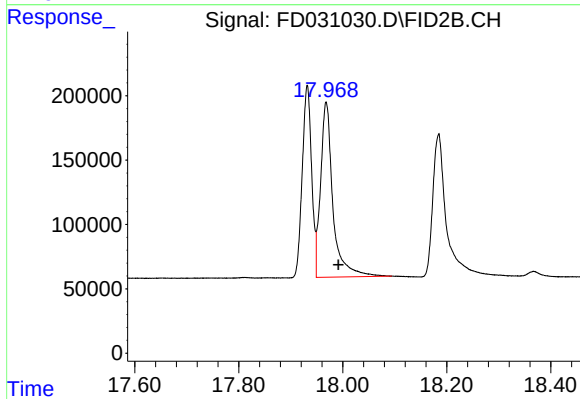
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.569 min
Delta R.T.: -0.020 min
Response: 1982922
Conc: 20.21 ug/ml



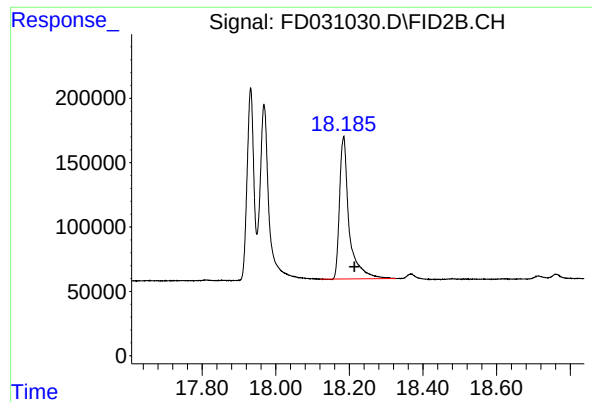
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.968 min
Delta R.T.: 0.011 min
Response: 2243992
Conc: 24.83 ug/ml



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

R.T.: 17.968 min
Delta R.T.: -0.024 min
Response: 2243992
Conc: 21.86 ug/ml



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

R.T.: 18.184 min
Delta R.T.: -0.030 min
Response: 1994627
Conc: 20.93 ug/ml