

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102119AR\
 Data File : FD031158.D
 Signal(s) : FID2B.CH
 Acq On : 22 Oct 2019 7:21
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 22 08:17:12 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...	7.544	1940095	20.297 ug/ml
Spiked Amount 50.000		Recovery =	40.59%
6) S 2-Fluorobiphenyl (SURR)	8.405	1259284	19.846 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.69%
11) S ortho-Terphenyl (SURR)	11.433	2087014	19.042 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	2108100	21.251 ug/ml
2) T Naphthalene (C11.7)	5.886	2143277	21.168 ug/ml
3) T 2-Methylnaphthalene (...)	6.935	2114898	20.627 ug/ml
5) T Acenaphthylene (C15.06)	8.206	2018632	19.555 ug/ml
7) T Acenaphthene (C15.5)	8.500	2152724	19.721 ug/ml
8) T Fluorene (C16.55)	9.280	2055105	19.825 ug/ml
9) T Phenanthrene (C19.36)	10.672	2020645	19.342 ug/ml
10) T Anthracene (C19.43)	10.748	1876525	17.884 ug/ml
12) T Fluoranthene (C21.85)	12.479	2032636	19.134 ug/ml
13) T Pyrene (C20.8)	12.774	1988343	18.765 ug/ml
14) T Benzo[a]anthracene (C...	14.643	1880892	19.578 ug/ml
15) T Chrysene (C27.41)	14.685	2078527	18.906 ug/ml
16) T benzo[b]fluoranthene ...	16.222	2069676	21.336 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	2069676	19.014 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	1946696	19.838 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.971	2110624	23.351 ug/ml
20) T Dibenz[a,h]anthracene...	17.971	2110624	20.560 ug/ml
21) T Benzo[g,h,i]perylene ...	18.188	1976564	20.736 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

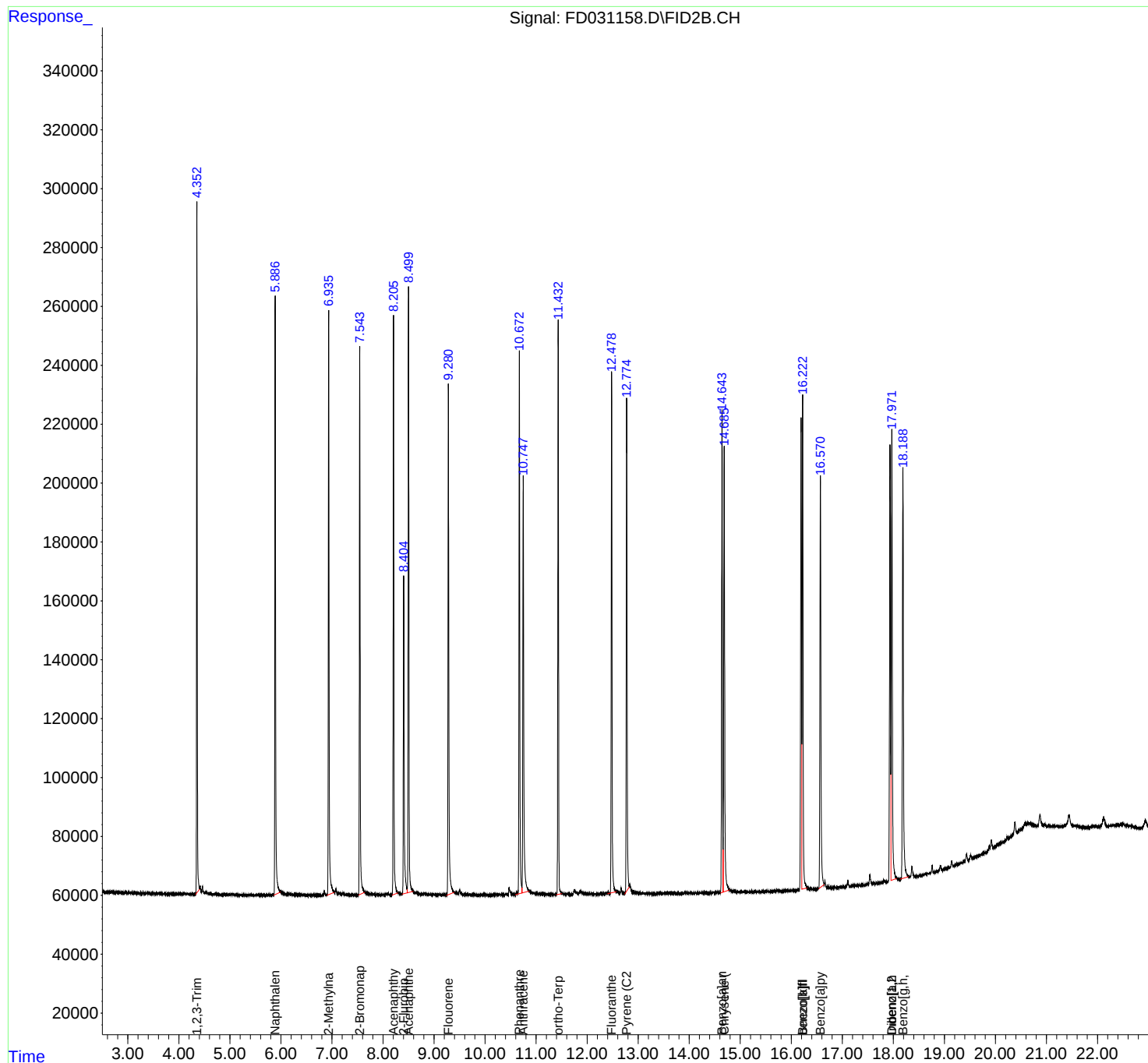
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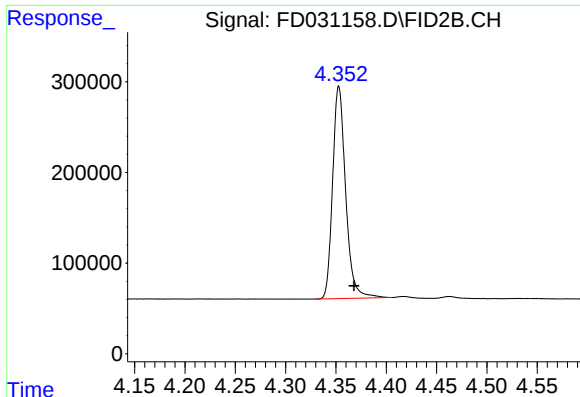
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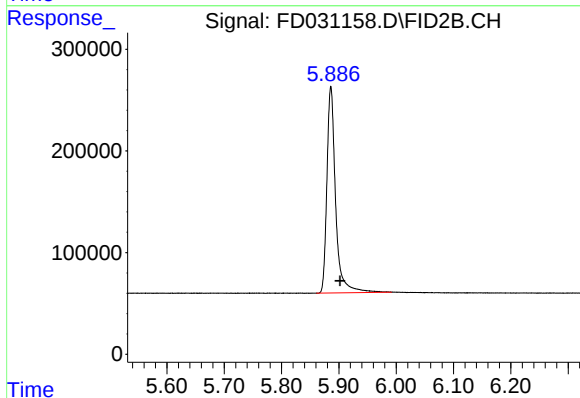
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





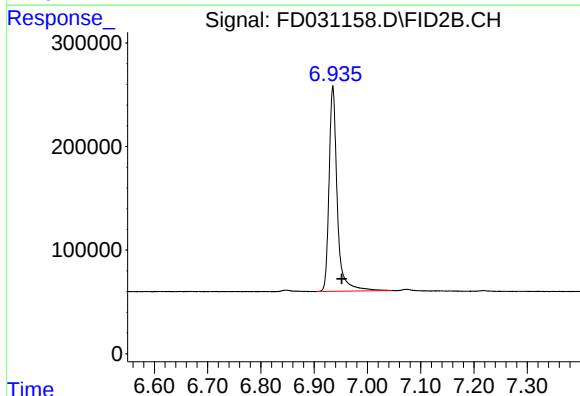
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.353 min
Delta R.T.: -0.015 min
Response: 2108100
Conc: 21.25 ug/ml



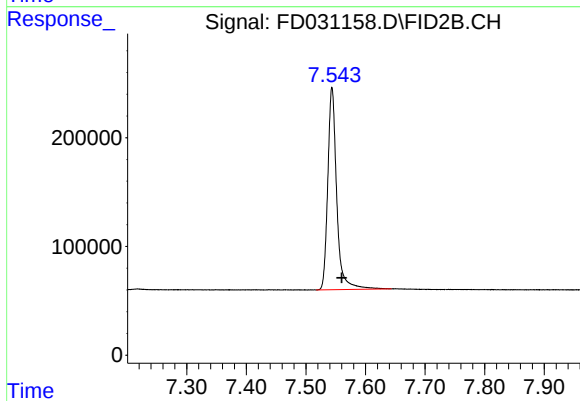
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.016 min
Response: 2143277
Conc: 21.17 ug/ml



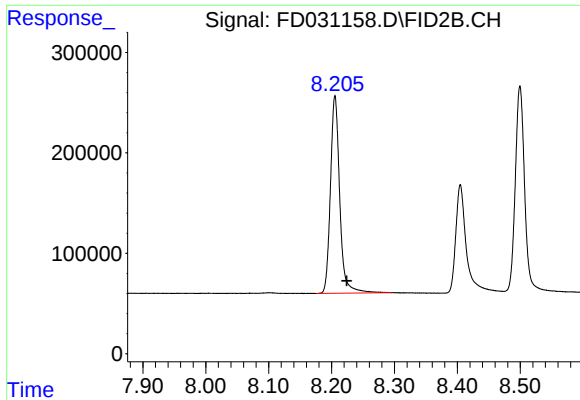
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.935 min
Delta R.T.: -0.017 min
Response: 2114898
Conc: 20.63 ug/ml



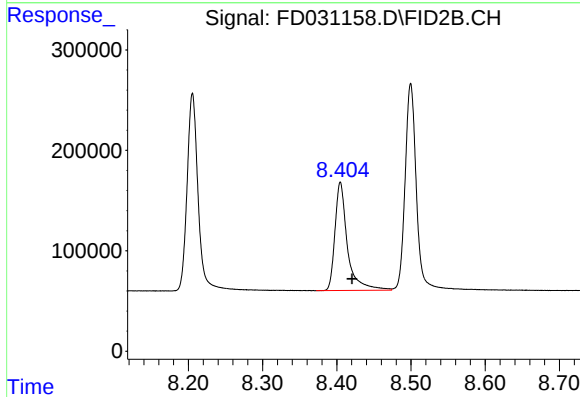
#4 2-Bromonaphthalene (SURR)

R.T.: 7.544 min
Delta R.T.: -0.016 min
Response: 1940095
Conc: 20.30 ug/ml



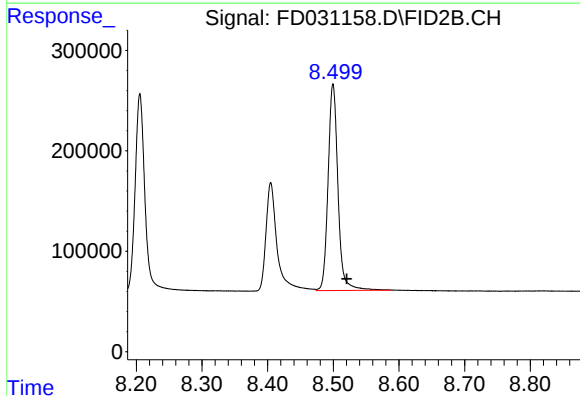
#5 Acenaphthylene (C15.06)

R.T.: 8.206 min
Delta R.T.: -0.019 min
Response: 2018632
Conc: 19.56 ug/ml



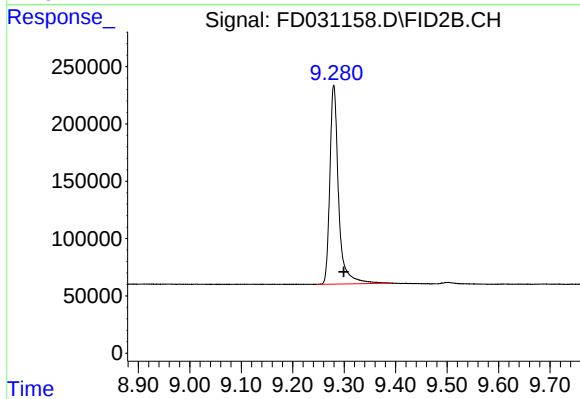
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: -0.016 min
Response: 1259284
Conc: 19.85 ug/ml



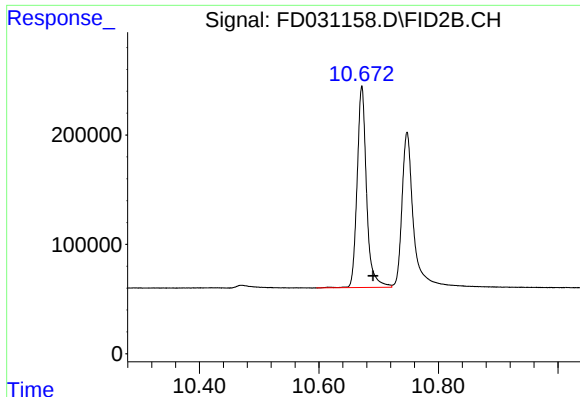
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.021 min
Response: 2152724
Conc: 19.72 ug/ml



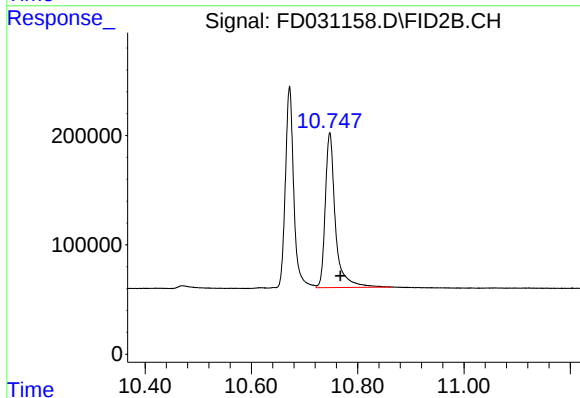
#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: -0.019 min
Response: 2055105
Conc: 19.83 ug/ml



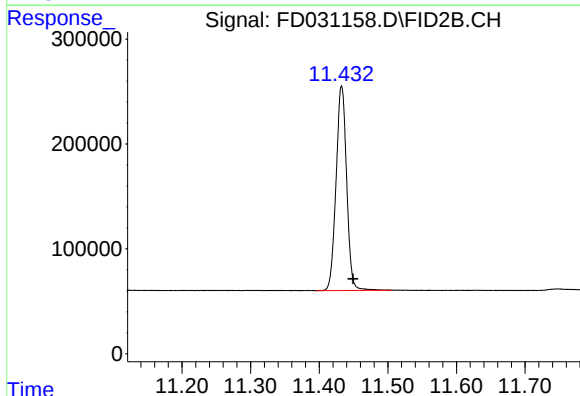
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: -0.019 min
Response: 2020645
Conc: 19.34 ug/ml



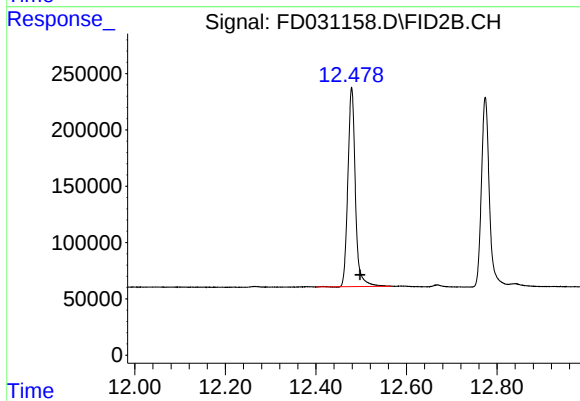
#10 Anthracene (C19.43)

R.T.: 10.748 min
Delta R.T.: -0.020 min
Response: 1876525
Conc: 17.88 ug/ml



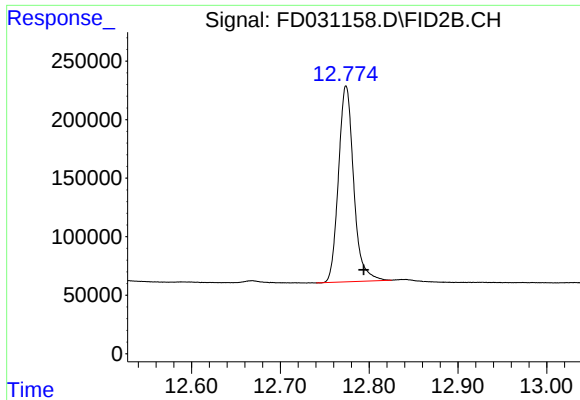
#11 ortho-Terphenyl (SURR)

R.T.: 11.433 min
Delta R.T.: -0.017 min
Response: 2087014
Conc: 19.04 ug/ml



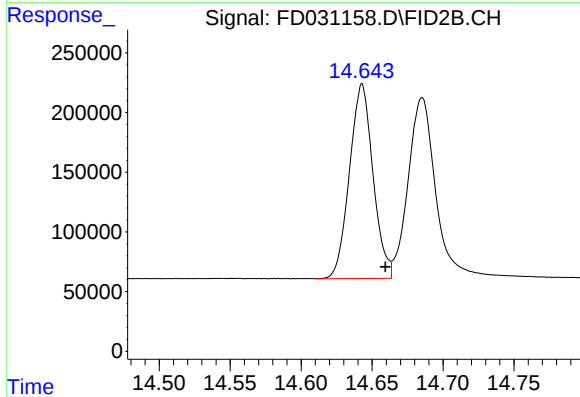
#12 Fluoranthene (C21.85)

R.T.: 12.479 min
Delta R.T.: -0.018 min
Response: 2032636
Conc: 19.13 ug/ml



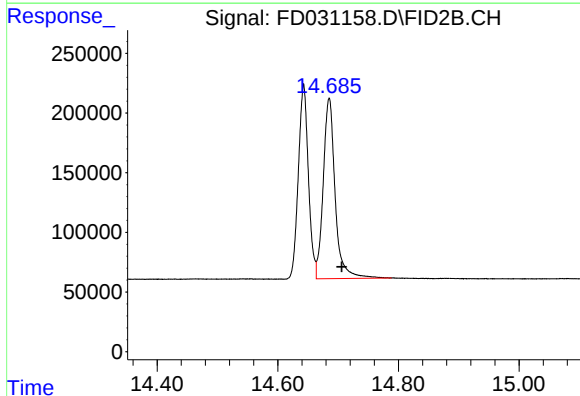
#13 Pyrene (C20.8)

R.T.: 12.774 min
Delta R.T.: -0.020 min
Response: 1988343
Conc: 18.77 ug/ml



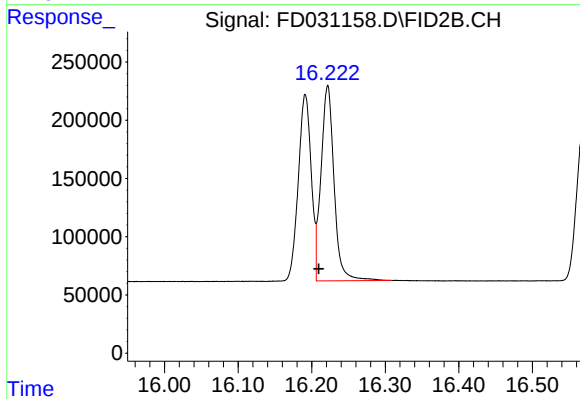
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: -0.016 min
Response: 1880892
Conc: 19.58 ug/ml



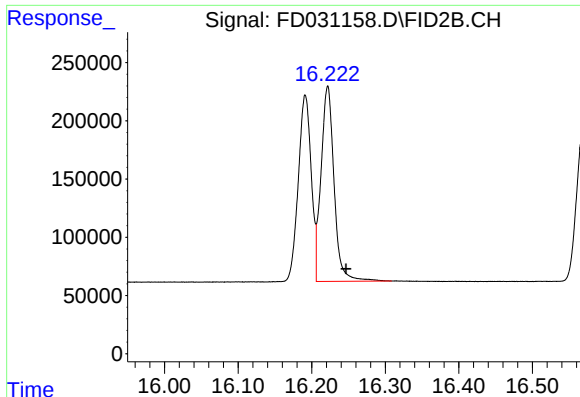
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: -0.021 min
Response: 2078527
Conc: 18.91 ug/ml



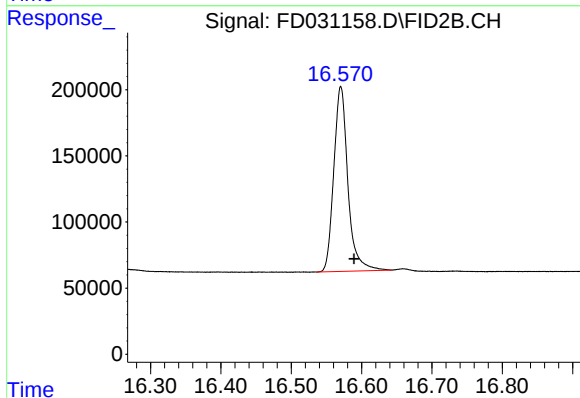
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.222 min
Delta R.T.: 0.012 min
Response: 2069676
Conc: 21.34 ug/ml



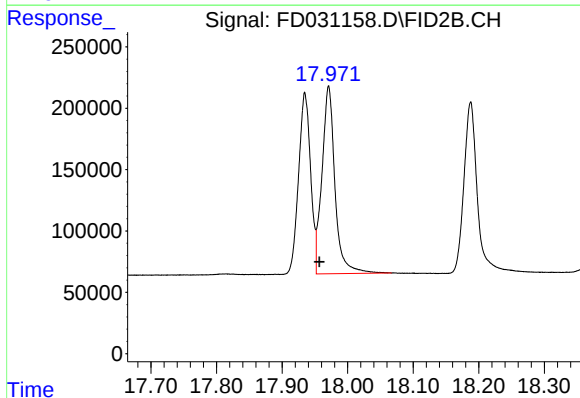
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.222 min
Delta R.T.: -0.025 min
Response: 2069676
Conc: 19.01 ug/ml



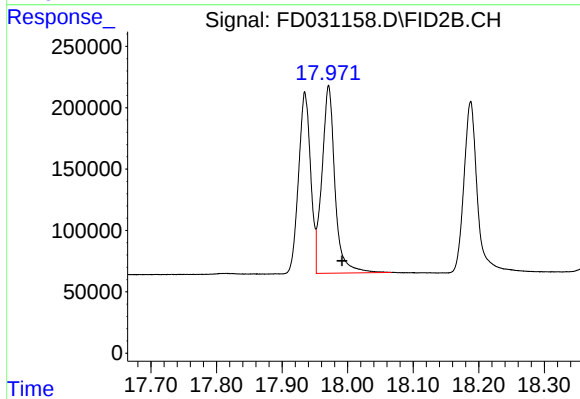
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: -0.019 min
Response: 1946696
Conc: 19.84 ug/ml



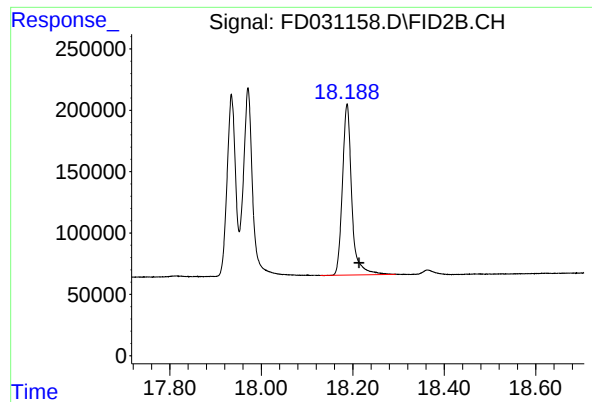
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.971 min
Delta R.T.: 0.014 min
Response: 2110624
Conc: 23.35 ug/ml



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

R.T.: 17.971 min
Delta R.T.: -0.021 min
Response: 2110624
Conc: 20.56 ug/ml



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

R.T.: 18.188 min
Delta R.T.: -0.026 min
Response: 1976564
Conc: 20.74 ug/ml