

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012819AR\
 Data File : FD027493.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jan 2019 00:05
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 29 00:52:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 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...	7.347	1520901	16.100 ug/ml
Spiked Amount 50.000		Recovery =	32.20%
6) S 2-Fluorobiphenyl (SURR)	8.196	1056977	16.574 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.15%
11) S ortho-Terphenyl (SURR)	11.235	1870403	17.547 ug/ml
Spiked Amount 50.000		Recovery =	35.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	1639810	16.174 ug/ml
2) T Naphthalene (C11.7)	5.684	1738929	16.064 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	1726221	16.157 ug/ml
5) T Acenaphthylene (C15.06)	8.000	1728505	16.806 ug/ml
7) T Acenaphthene (C15.5)	8.294	1799913	16.707 ug/ml
8) T Fluorene (C16.55)	9.073	1802633	16.931 ug/ml
9) T Phenanthrene (C19.36)	10.459	1871253	17.737 ug/ml
10) T Anthracene (C19.43)	10.534	1835817	17.590 ug/ml
12) T Fluoranthene (C21.85)	12.263	1934738	18.577 ug/ml
13) T Pyrene (C20.8)	12.556	1936954	18.758 ug/ml
14) T Benzo[a]anthracene (C...	14.465	1919103	19.567 ug/ml
15) T Chrysene (C27.41)	14.465	1919103	19.519 ug/ml
16) T benzo[b]fluoranthene ...	16.000	1951290	19.303 ug/ml
17) T Bnezo[k]fluoranthene ...	16.000	1951290	19.306 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.342	1892958	18.719 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	1878005	17.995 ug/ml
20) T Dibenz[a,h]anthracene...	17.745	1878005	18.333 ug/ml
21) T Benzo[g,h,i]perylene ...	17.954	1610504	15.276 ug/ml

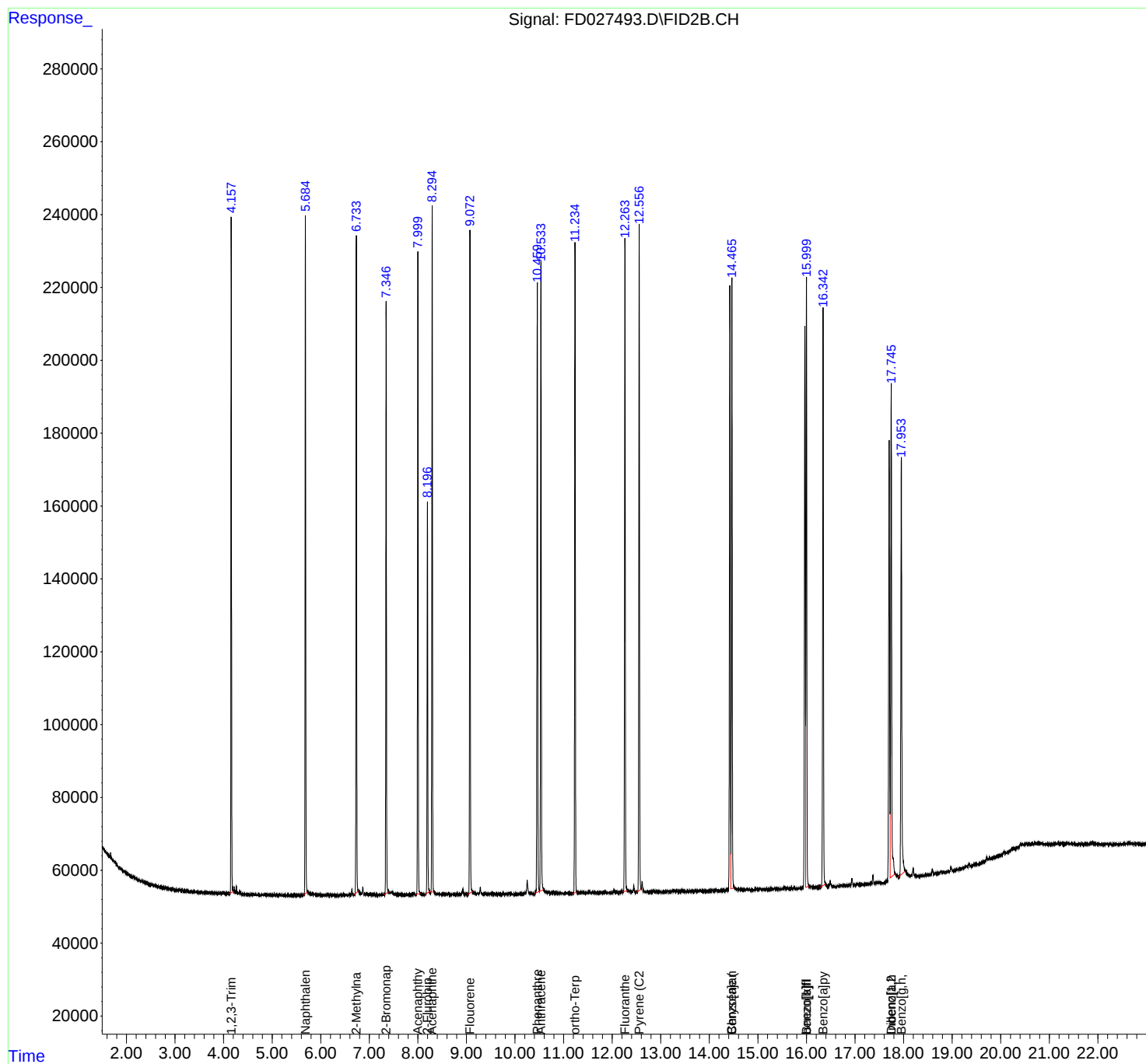
(f)=RT Delta > 1/2 Window

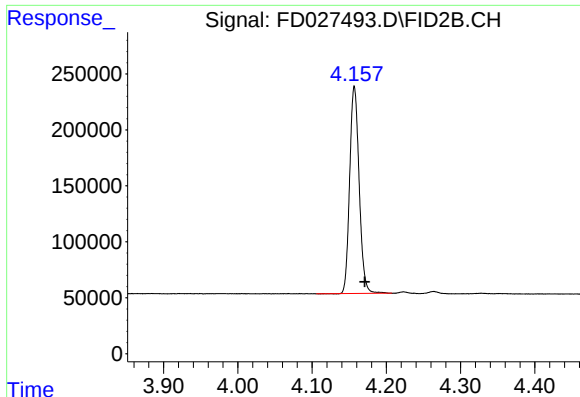
(m)=manual int.

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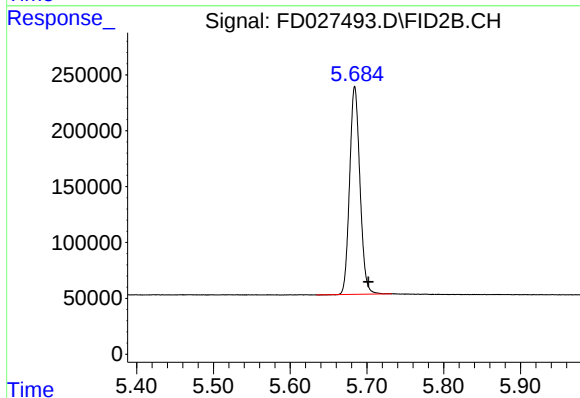
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





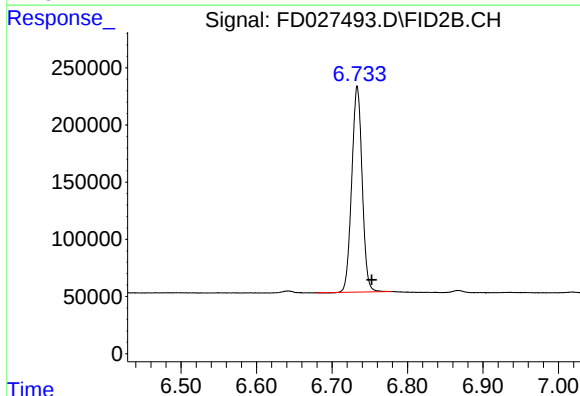
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.157 min
Delta R.T.: -0.014 min
Response: 1639810
Conc: 16.17 ug/ml



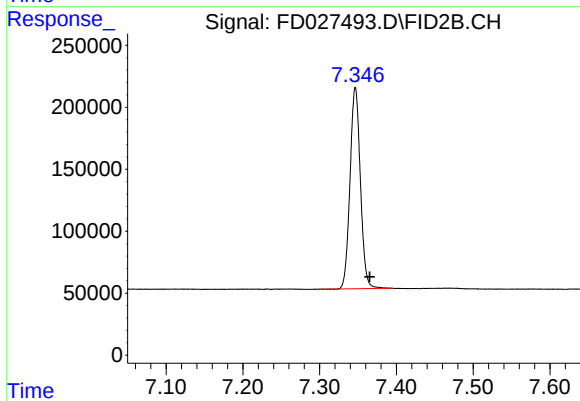
#2 Naphthalene (C11.7)

R.T.: 5.684 min
Delta R.T.: -0.018 min
Response: 1738929
Conc: 16.06 ug/ml



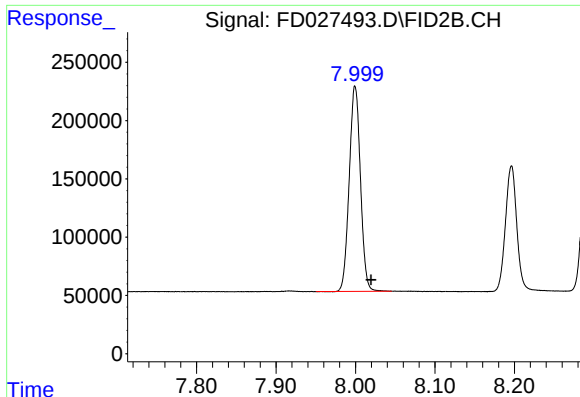
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.019 min
Response: 1726221
Conc: 16.16 ug/ml



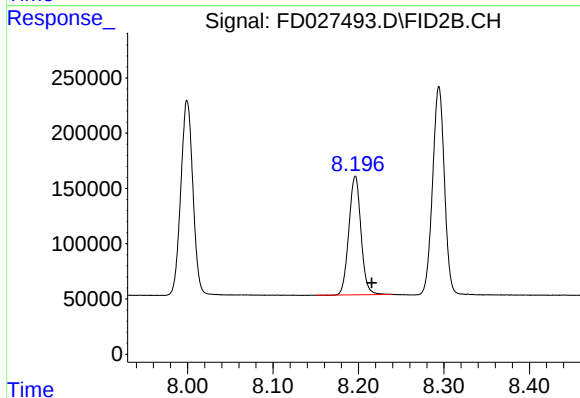
#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min
Delta R.T.: -0.019 min
Response: 1520901
Conc: 16.10 ug/ml



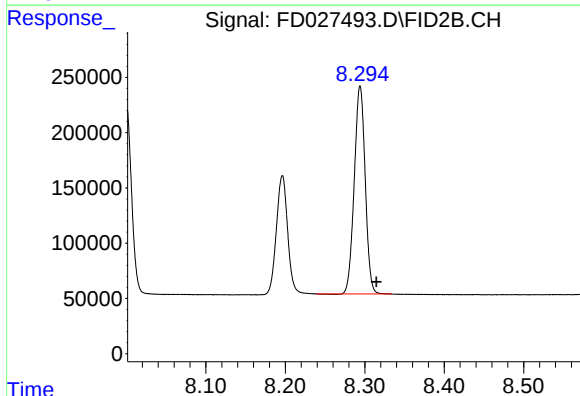
#5 Acenaphthylene (C15.06)

R.T.: 8.000 min
Delta R.T.: -0.020 min
Response: 1728505
Conc: 16.81 ug/ml



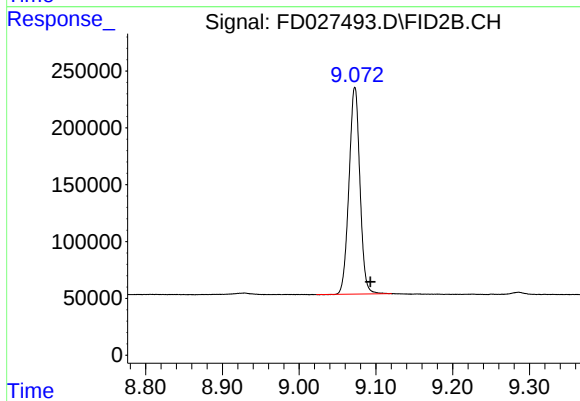
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.019 min
Response: 1056977
Conc: 16.57 ug/ml



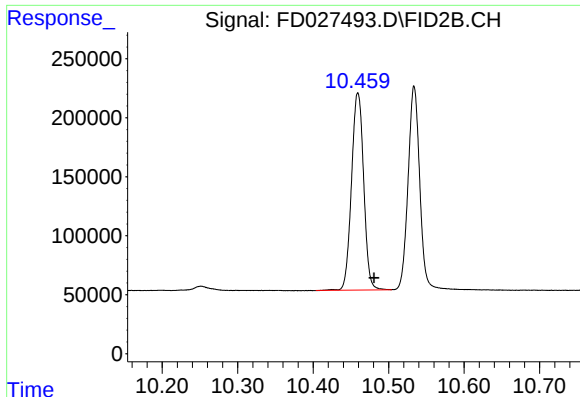
#7 Acenaphthene (C15.5)

R.T.: 8.294 min
Delta R.T.: -0.020 min
Response: 1799913
Conc: 16.71 ug/ml



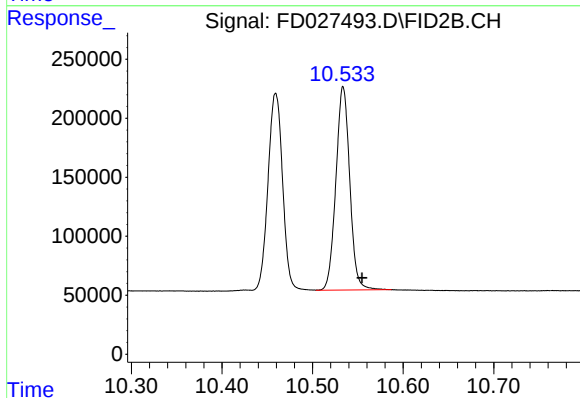
#8 Flouorene (C16.55)

R.T.: 9.073 min
Delta R.T.: -0.020 min
Response: 1802633
Conc: 16.93 ug/ml



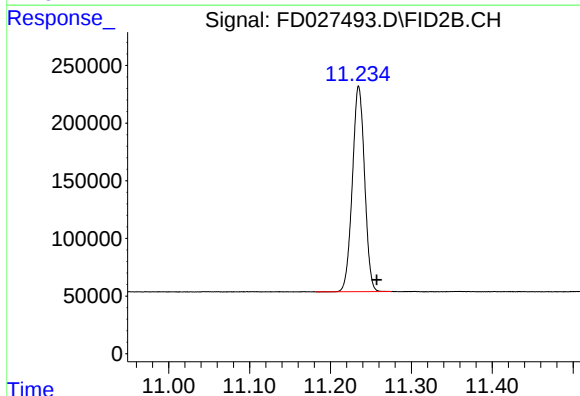
#9 Phenanthrene (C19.36)

R.T.: 10.459 min
Delta R.T.: -0.021 min
Response: 1871253
Conc: 17.74 ug/ml



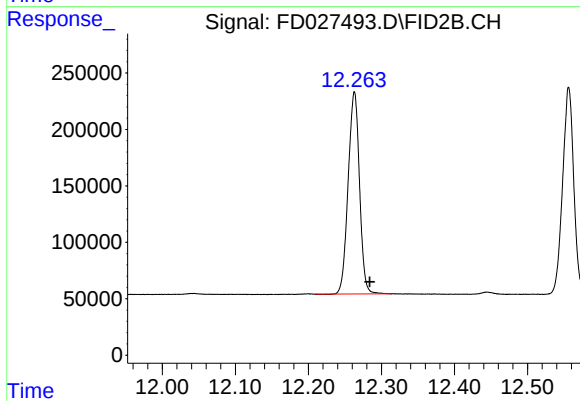
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.021 min
Response: 1835817
Conc: 17.59 ug/ml



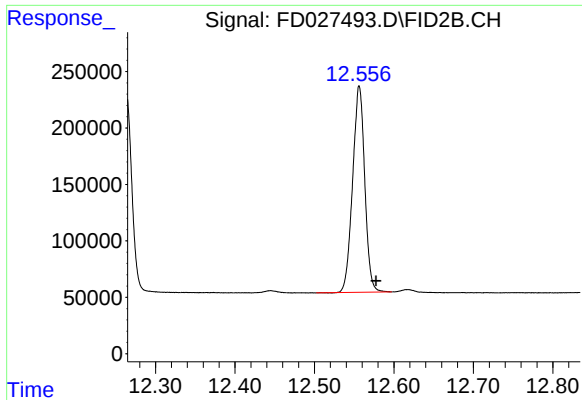
#11 ortho-Terphenyl (SURR)

R.T.: 11.235 min
Delta R.T.: -0.022 min
Response: 1870403
Conc: 17.55 ug/ml



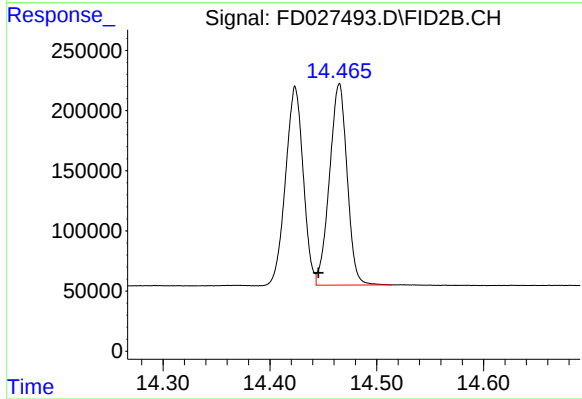
#12 Fluoranthene (C21.85)

R.T.: 12.263 min
Delta R.T.: -0.021 min
Response: 1934738
Conc: 18.58 ug/ml



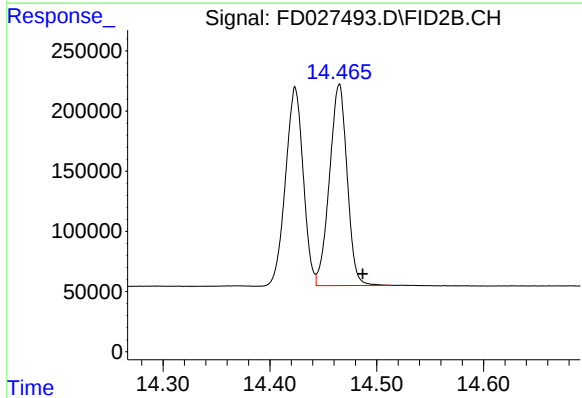
#13 Pyrene (C20.8)

R.T.: 12.556 min
Delta R.T.: -0.021 min
Response: 1936954
Conc: 18.76 ug/ml



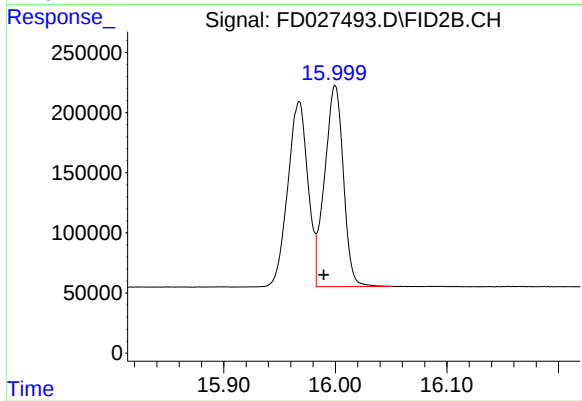
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: 0.020 min
Response: 1919103
Conc: 19.57 ug/ml



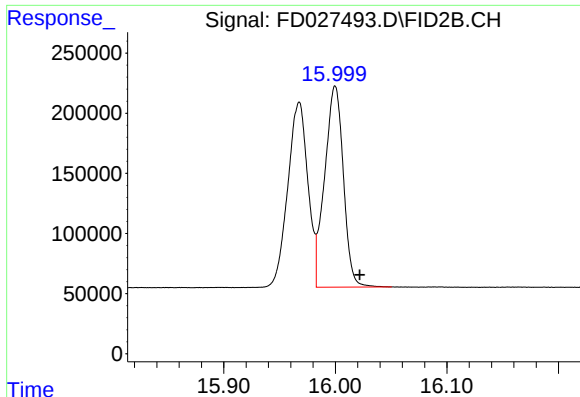
#15 Chrysene (C27.41)

R.T.: 14.465 min
Delta R.T.: -0.022 min
Response: 1919103
Conc: 19.52 ug/ml



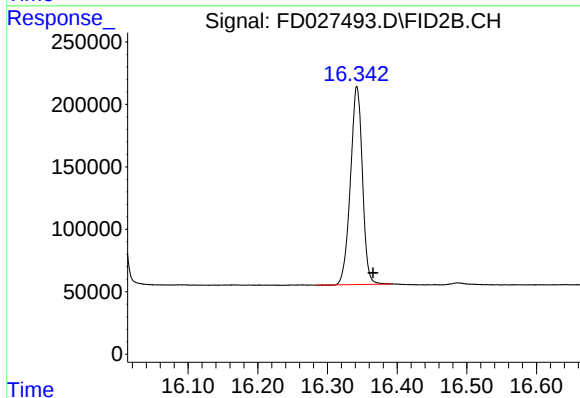
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.000 min
Delta R.T.: 0.010 min
Response: 1951290
Conc: 19.30 ug/ml



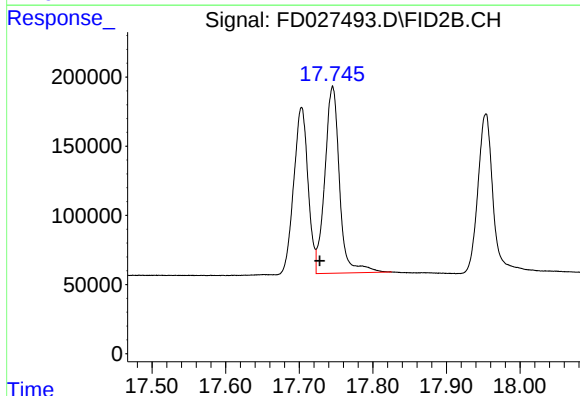
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.000 min
Delta R.T.: -0.022 min
Response: 1951290
Conc: 19.31 ug/ml



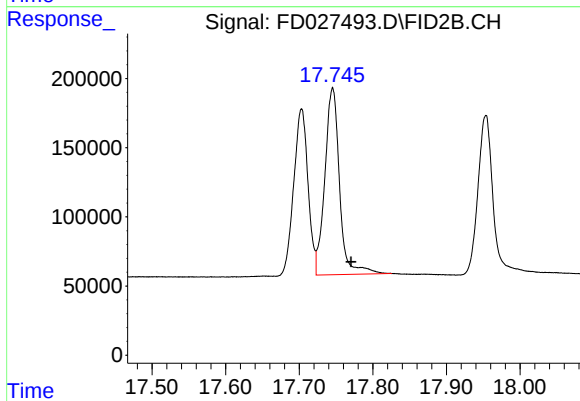
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.342 min
Delta R.T.: -0.023 min
Response: 1892958
Conc: 18.72 ug/ml



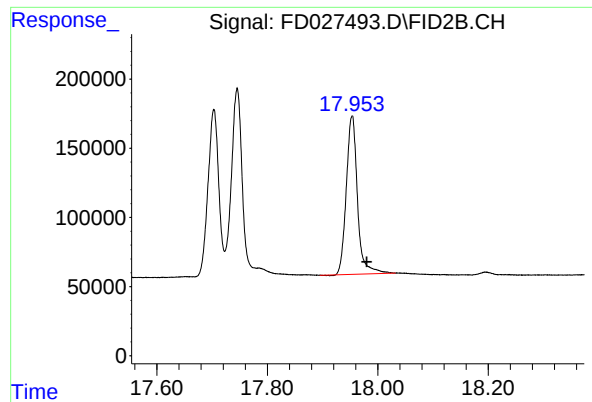
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: 0.017 min
Response: 1878005
Conc: 18.00 ug/ml



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

R.T.: 17.745 min
Delta R.T.: -0.025 min
Response: 1878005
Conc: 18.33 ug/ml



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

R.T.: 17.954 min
Delta R.T.: -0.026 min
Response: 1610504
Conc: 15.28 ug/ml