

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021519AR\
 Data File : FD027789.D
 Signal(s) : FID2B.CH
 Acq On : 16 Feb 2019 3:16
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 05:24:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.333	1724866	23.234 ug/ml
Spiked Amount 50.000		Recovery =	46.47%
6) S 2-Fluorobiphenyl (SURR)	8.182	1151612	22.635 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.27%
11) S ortho-Terphenyl (SURR)	11.219	1900735	21.442 ug/ml
Spiked Amount 50.000		Recovery =	42.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.143	1657279	20.969 ug/ml
2) T Naphthalene (C11.7)	5.670	1940623	22.799 ug/mlm
3) T 2-Methylnaphthalene (...)	6.719	1962564	23.263 ug/ml
5) T Acenaphthylene (C15.06)	7.984	1892922	22.608 ug/ml
7) T Acenaphthene (C15.5)	8.279	1972828	22.444 ug/ml
8) T Flouorene (C16.55)	9.057	1902961	21.821 ug/ml
9) T Phenanthrene (C19.36)	10.443	1813015	20.639 ug/ml
10) T Anthracene (C19.43)	10.518	1813643	20.989 ug/mlm
12) T Fluoranthene (C21.85)	12.245	1821173	20.342 ug/ml
13) T Pyrene (C20.8)	12.538	1791711	20.192 ug/ml
14) T Benzo[a]anthracene (C...	14.405	1733646	19.389 ug/ml
15) T Chrysene (C27.41)	14.447	1844495	20.311 ug/ml
16) T benzo[b]fluoranthene ...	15.949	1793918	18.368 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.980	1876080	18.974 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.324	1854126	18.963 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.684	1722322	17.368 ug/mlm
20) T Dibenz[a,h]anthracene...	17.725	1762997	17.923 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.936	1810565	17.859 ug/mlm

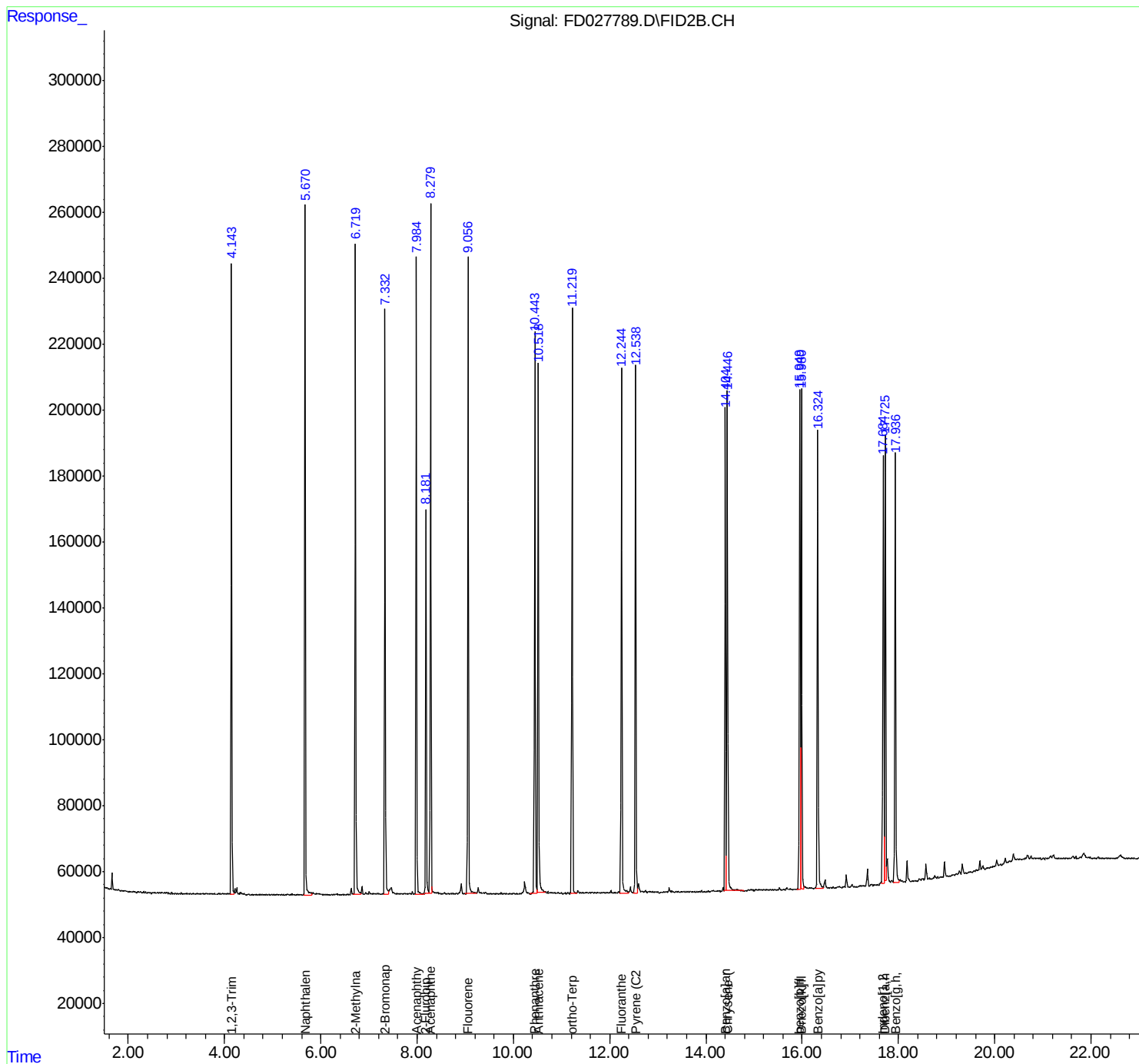
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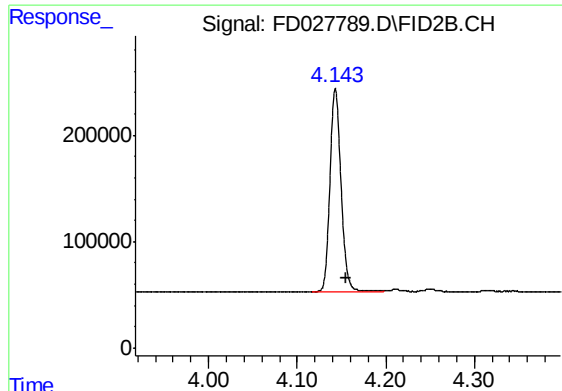
(m)=manual int.

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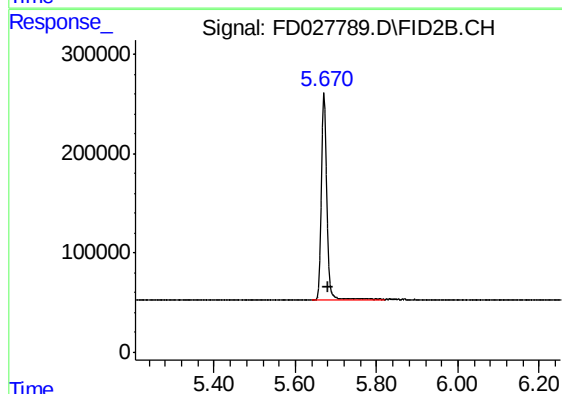
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Signal Info : 20M x 0.18mm x 0.18µm





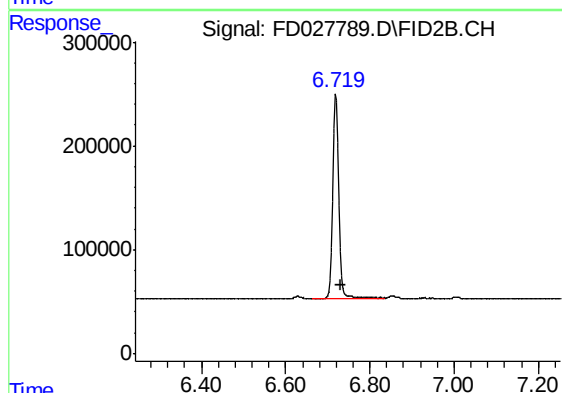
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.143 min
Delta R.T.: -0.012 min
Response: 1657279
Conc: 20.97 ug/ml



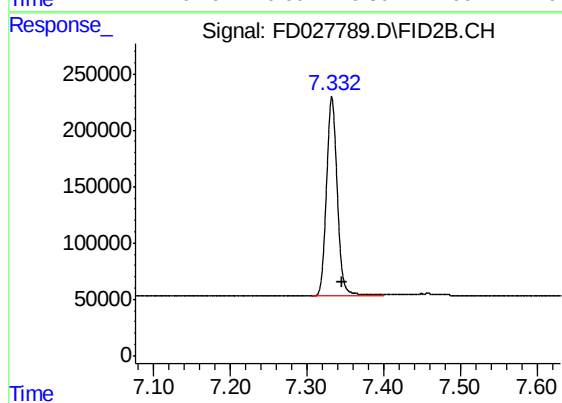
#2 Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.012 min
Response: 1940623
Conc: 22.80 ug/ml m



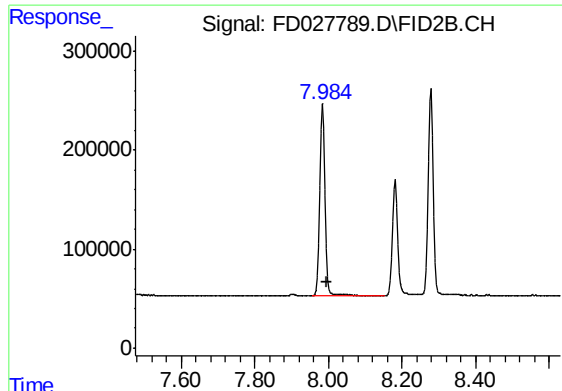
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.013 min
Response: 1962564
Conc: 23.26 ug/ml



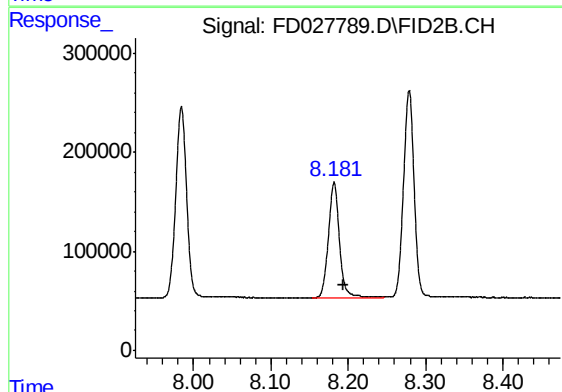
#4 2-Bromonaphthalene (SURR)

R.T.: 7.333 min
Delta R.T.: -0.013 min
Response: 1724866
Conc: 23.23 ug/ml



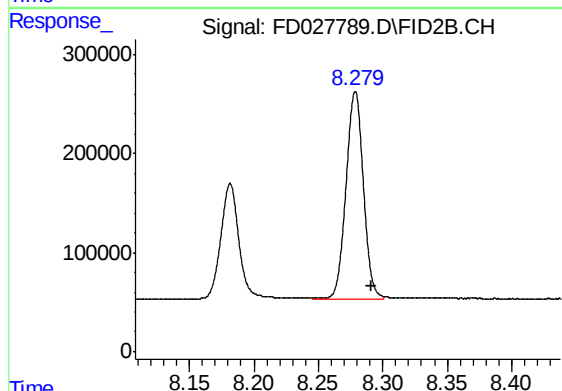
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min
Delta R.T.: -0.012 min
Response: 1892922
Conc: 22.61 ug/ml



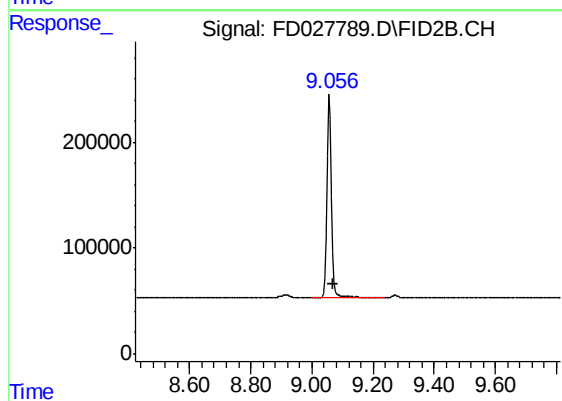
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.012 min
Response: 1151612
Conc: 22.63 ug/ml



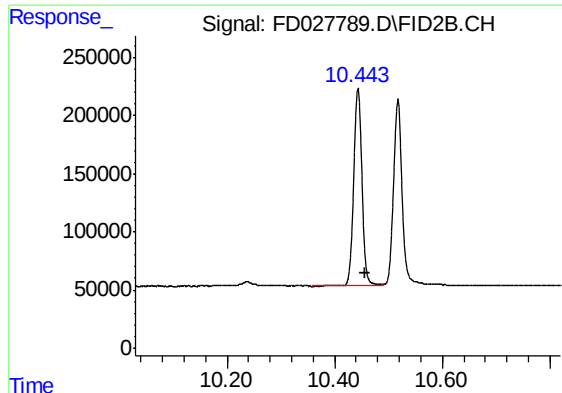
#7 Acenaphthene (C15.5)

R.T.: 8.279 min
Delta R.T.: -0.013 min
Response: 1972828
Conc: 22.44 ug/ml



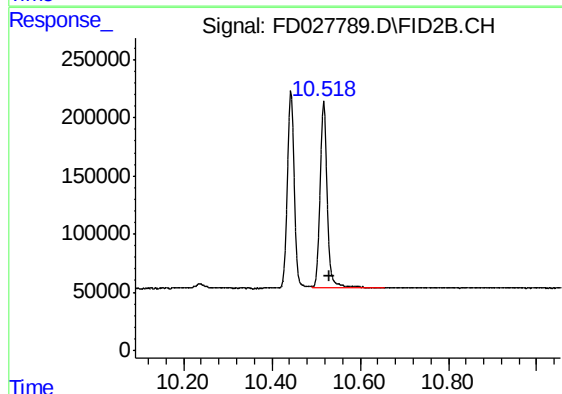
#8 Flouorene (C16.55)

R.T.: 9.057 min
Delta R.T.: -0.013 min
Response: 1902961
Conc: 21.82 ug/ml



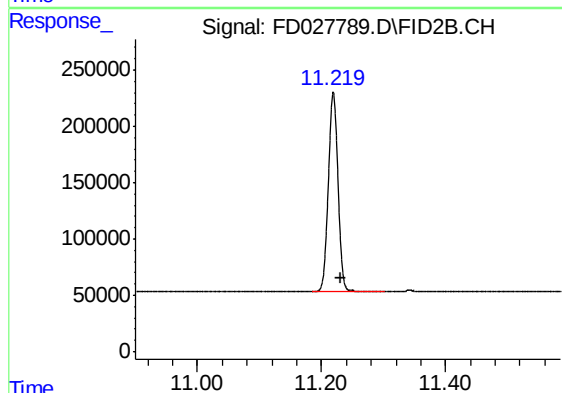
#9 Phenanthrene (C19.36)

R.T.: 10.443 min
Delta R.T.: -0.012 min
Response: 1813015
Conc: 20.64 ug/ml



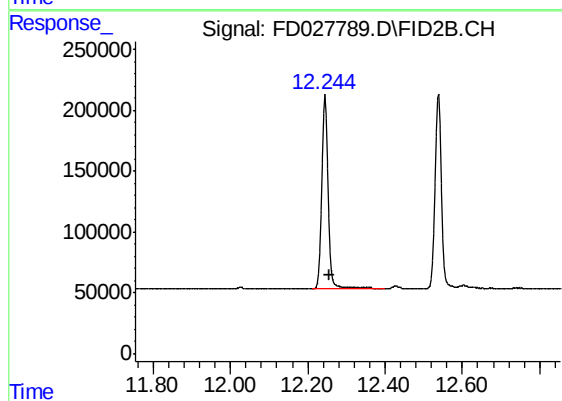
#10 Anthracene (C19.43)

R.T.: 10.518 min
Delta R.T.: -0.012 min
Response: 1813643
Conc: 20.99 ug/ml m



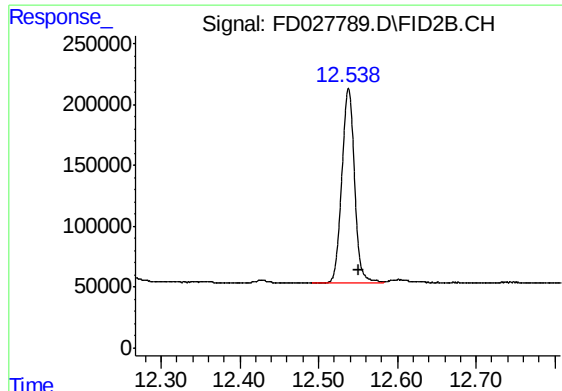
#11 ortho-Terphenyl (SURR)

R.T.: 11.219 min
Delta R.T.: -0.012 min
Response: 1900735
Conc: 21.44 ug/ml



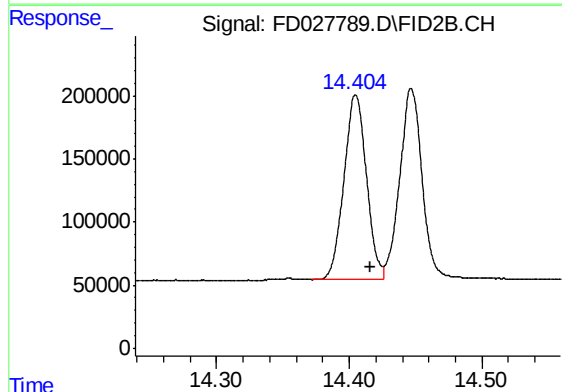
#12 Fluoranthene (C21.85)

R.T.: 12.245 min
Delta R.T.: -0.012 min
Response: 1821173
Conc: 20.34 ug/ml



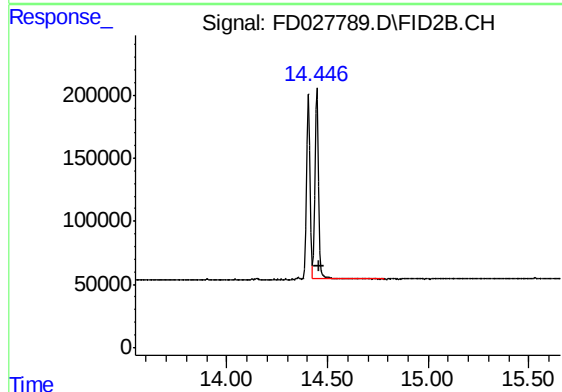
#13 Pyrene (C20.8)

R.T.: 12.538 min
Delta R.T.: -0.012 min
Response: 1791711
Conc: 20.19 ug/ml



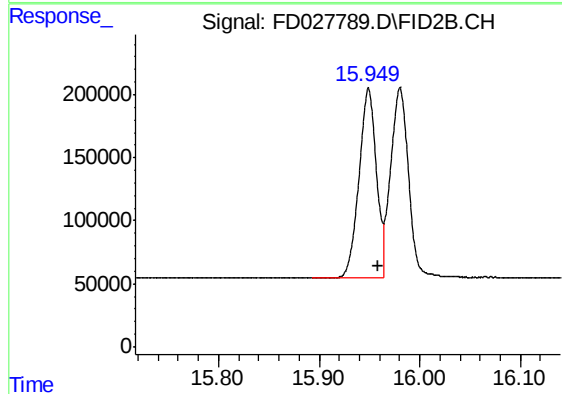
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.011 min
Response: 1733646
Conc: 19.39 ug/ml



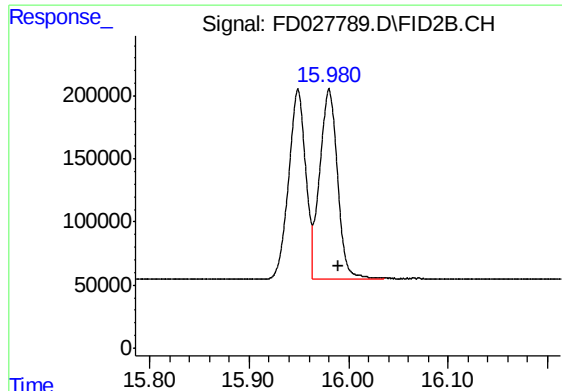
#15 Chrysene (C27.41)

R.T.: 14.447 min
Delta R.T.: -0.011 min
Response: 1844495
Conc: 20.31 ug/ml



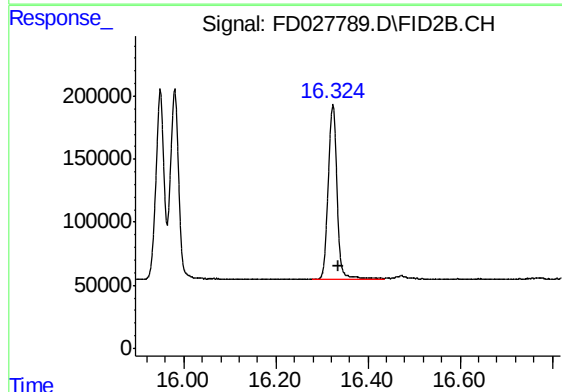
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.949 min
Delta R.T.: -0.010 min
Response: 1793918
Conc: 18.37 ug/ml m



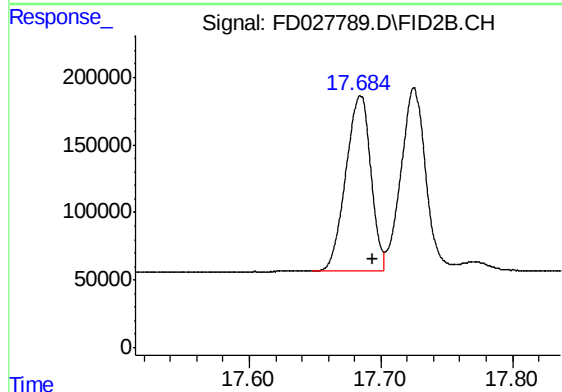
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.980 min
Delta R.T.: -0.010 min
Response: 1876080
Conc: 18.97 ug/ml m



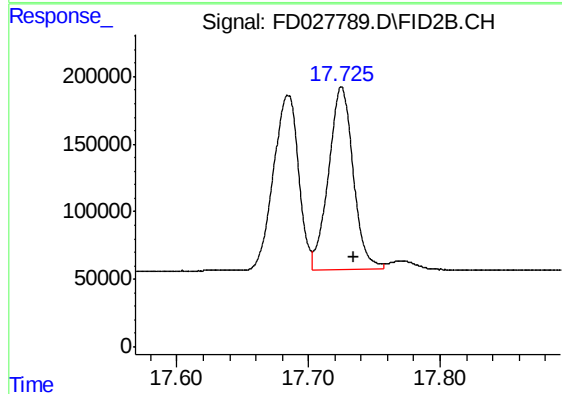
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.324 min
Delta R.T.: -0.010 min
Response: 1854126
Conc: 18.96 ug/ml m



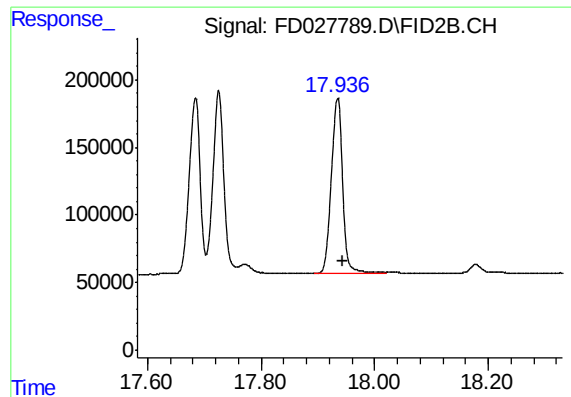
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.684 min
Delta R.T.: -0.010 min
Response: 1722322
Conc: 17.37 ug/ml m



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

R.T.: 17.725 min
Delta R.T.: -0.009 min
Response: 1762997
Conc: 17.92 ug/ml m



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

R.T.: 17.936 min
Delta R.T.: -0.008 min
Response: 1810565
Conc: 17.86 ug/ml m