

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041919AR\
 Data File : FD028980.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2019 00:58
 Operator : AJ\SJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 05:17:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:16:30 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...	7.099	10527136	102.858 ug/ml
Spiked Amount 50.000		Recovery =	205.72%
6) S 2-Fluorobiphenyl (SURR)	7.967	7324501	104.680 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	209.36%#
11) S ortho-Terphenyl (SURR)	11.005	11463938	107.689 ug/ml
Spiked Amount 50.000		Recovery =	215.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.919	9394989	98.467 ug/ml
2) T Naphthalene (C11.7)	5.443	11025212	101.369 ug/ml
3) T 2-Methylnaphthalene (...)	6.493	11473901	102.454 ug/ml
5) T Acenaphthylene (C15.06)	7.771	11424087	104.166 ug/ml
7) T Acenaphthene (C15.5)	8.069	11997127	104.335 ug/ml
8) T Fluorene (C16.55)	8.849	12009043	105.530 ug/ml
9) T Phenanthrene (C19.36)	10.247	11561235	107.637 ug/ml
10) T Anthracene (C19.43)	10.323	11381072	107.501 ug/ml
12) T Fluoranthene (C21.85)	12.058	10404219	106.219 ug/ml
13) T Pyrene (C20.8)	12.356	10246586	103.935 ug/ml
14) T Benzo[a]anthracene (C...	14.223	9917020	98.498 ug/ml
15) T Chrysene (C27.41)	14.270	9924364	98.240 ug/ml
16) T benzo[b]fluoranthene ...	15.773	10387954	98.173 ug/ml
17) T Bnezo[k]fluoranthene ...	15.813	10236631	97.234 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.157	10335395	97.853 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.520	10815917	102.148 ug/ml
20) T Dibenz[a,h]anthracene...	17.560	9903552	94.252 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.783	10395267	98.123 ug/ml

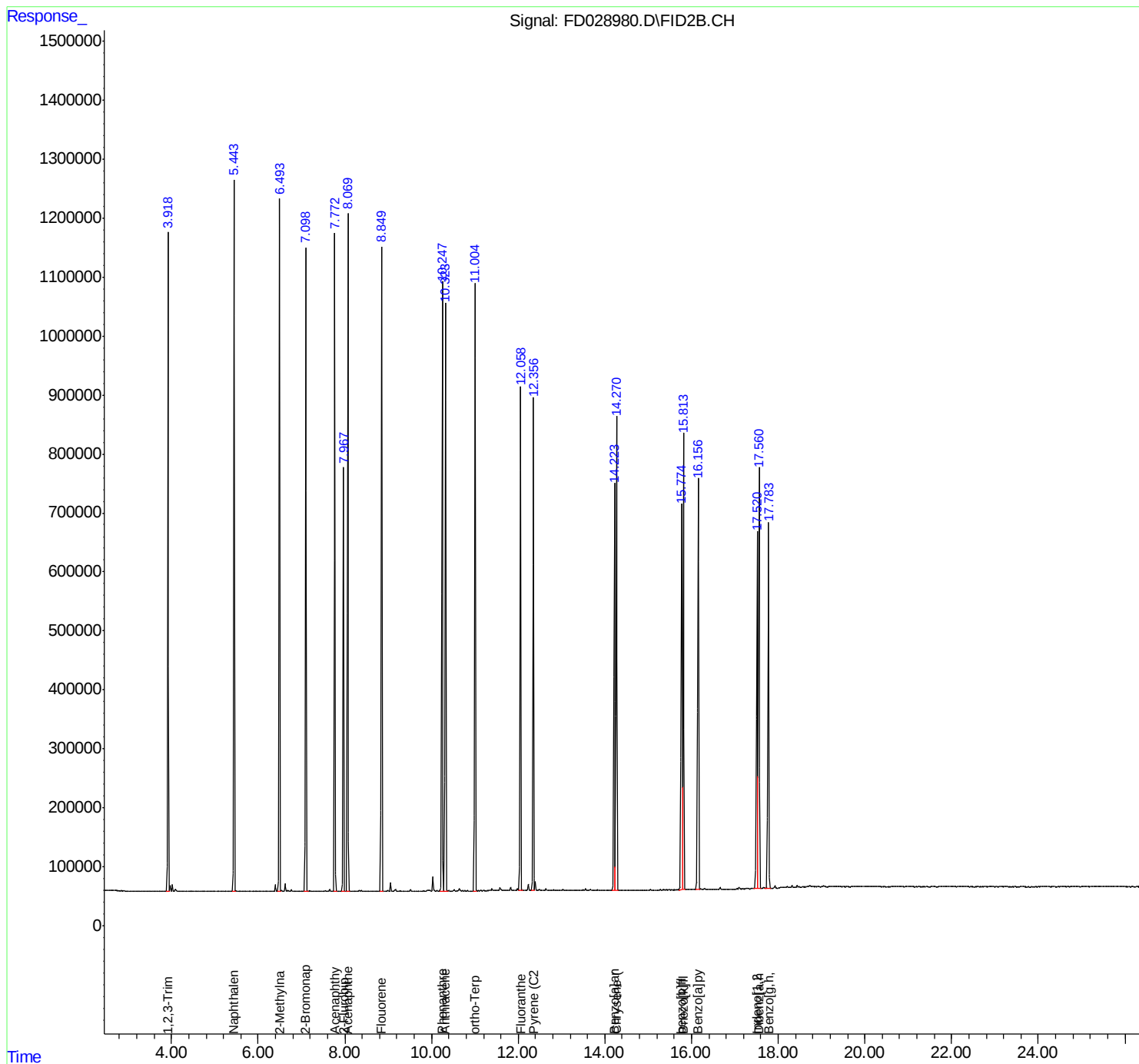
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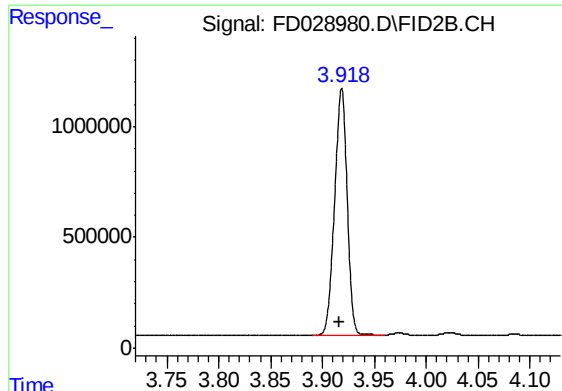
(m)=manual int.

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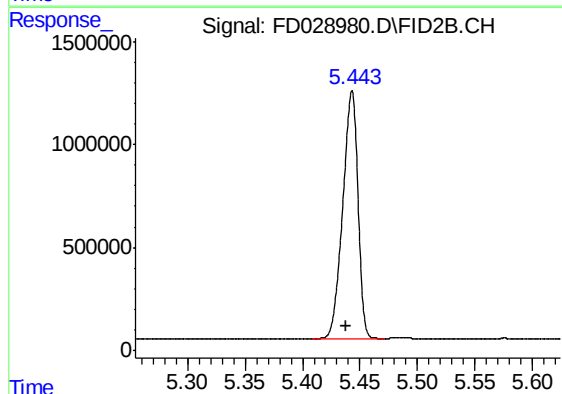
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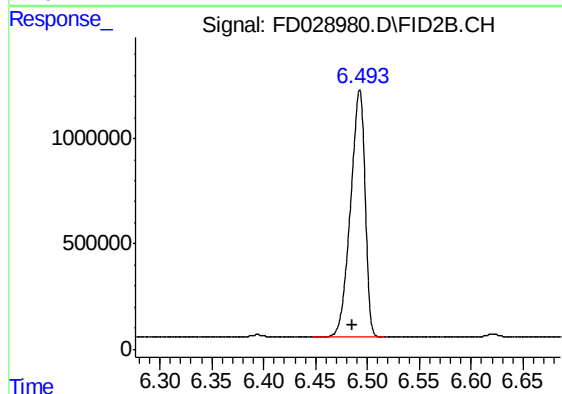
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.919 min
Delta R.T.: 0.003 min
Response: 9394989
Conc: 98.47 ug/ml



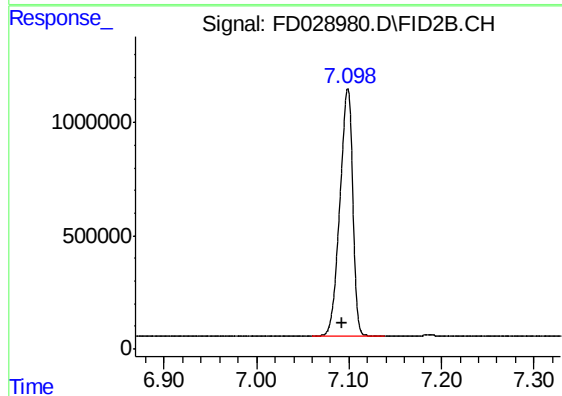
#2 Naphthalene (C11.7)

R.T.: 5.443 min
Delta R.T.: 0.005 min
Response: 11025212
Conc: 101.37 ug/ml



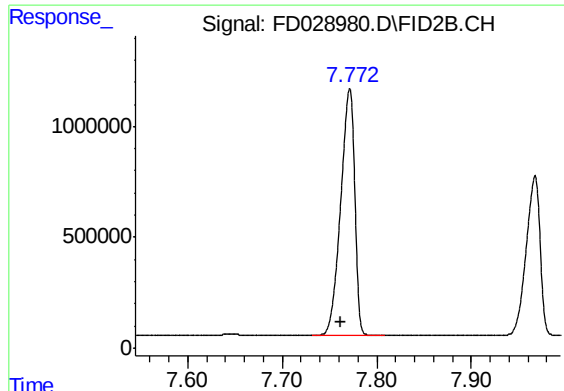
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.493 min
Delta R.T.: 0.007 min
Response: 11473901
Conc: 102.45 ug/ml



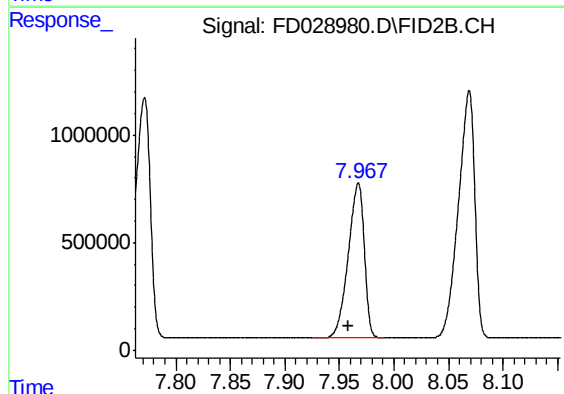
#4 2-Bromonaphthalene (SURR)

R.T.: 7.099 min
Delta R.T.: 0.006 min
Response: 10527136
Conc: 102.86 ug/ml



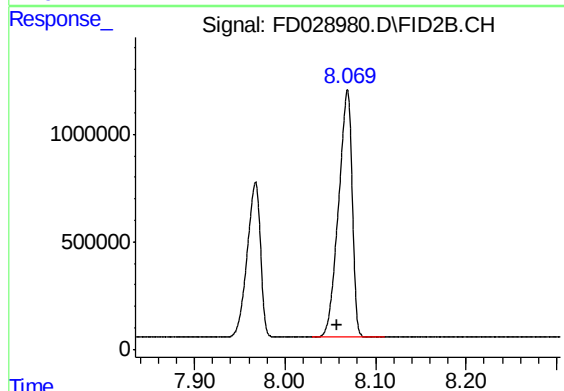
#5 Acenaphthylene (C15.06)

R.T.: 7.771 min
Delta R.T.: 0.009 min
Response: 11424087
Conc: 104.17 ug/ml



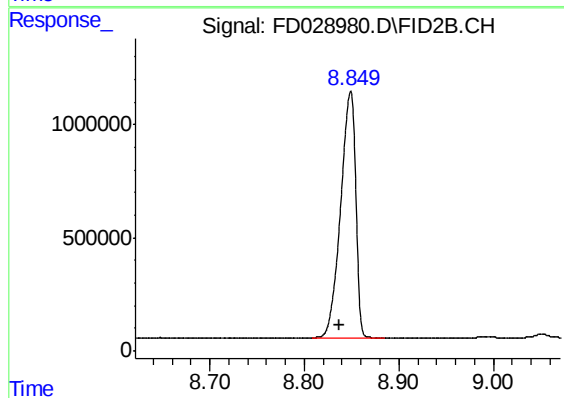
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.967 min
Delta R.T.: 0.009 min
Response: 7324501
Conc: 104.68 ug/ml



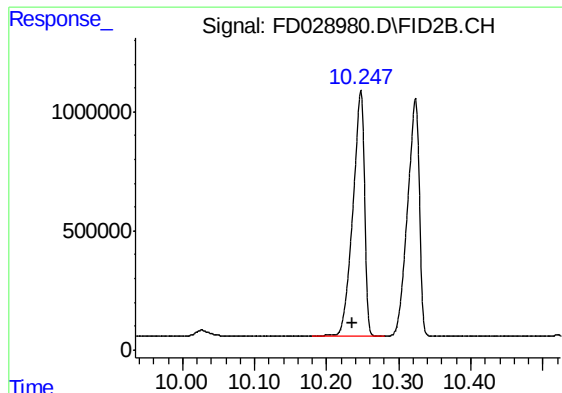
#7 Acenaphthene (C15.5)

R.T.: 8.069 min
Delta R.T.: 0.011 min
Response: 11997127
Conc: 104.33 ug/ml



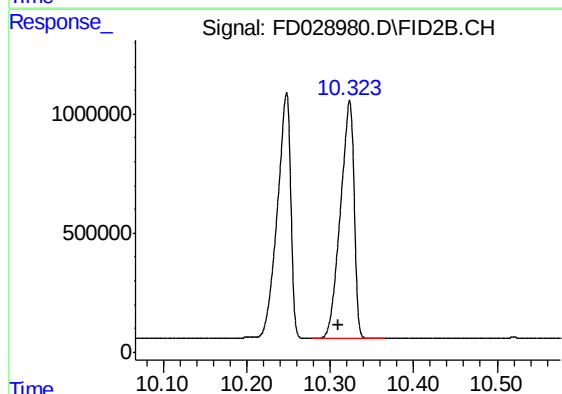
#8 Flouorene (C16.55)

R.T.: 8.849 min
Delta R.T.: 0.011 min
Response: 12009043
Conc: 105.53 ug/ml



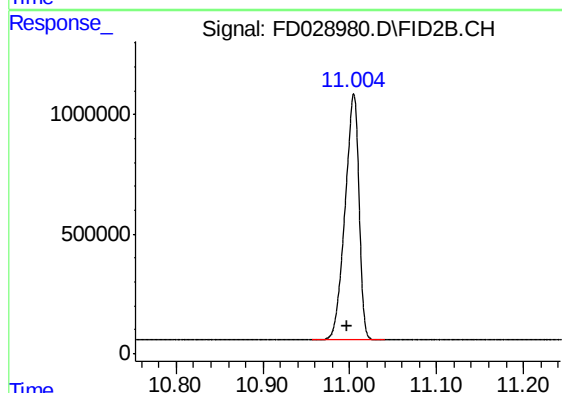
#9 Phenanthrene (C19.36)

R.T.: 10.247 min
Delta R.T.: 0.012 min
Response: 11561235
Conc: 107.64 ug/ml



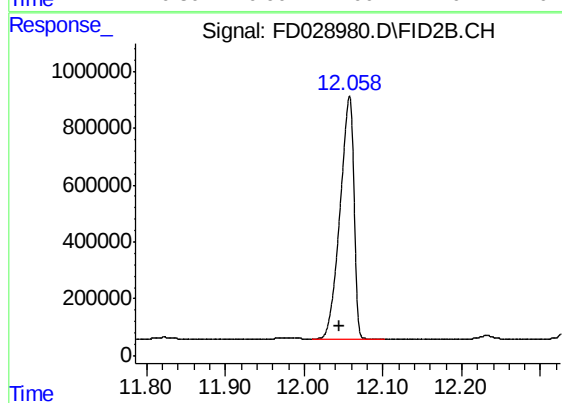
#10 Anthracene (C19.43)

R.T.: 10.323 min
Delta R.T.: 0.014 min
Response: 11381072
Conc: 107.50 ug/ml



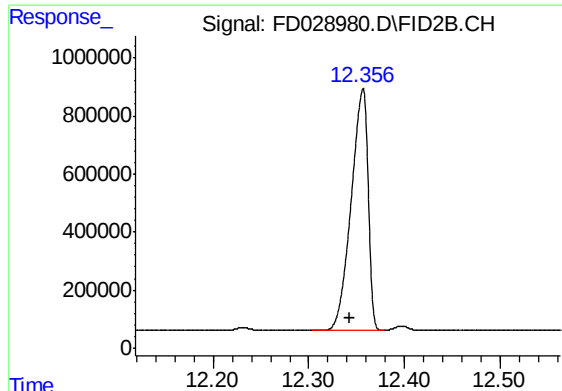
#11 ortho-Terphenyl (SURR)

R.T.: 11.005 min
Delta R.T.: 0.008 min
Response: 11463938
Conc: 107.69 ug/ml



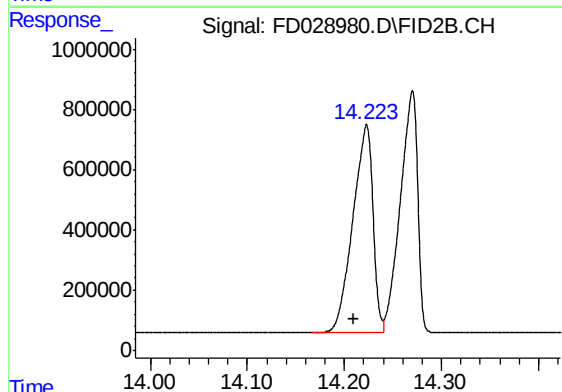
#12 Fluoranthene (C21.85)

R.T.: 12.058 min
Delta R.T.: 0.012 min
Response: 10404219
Conc: 106.22 ug/ml



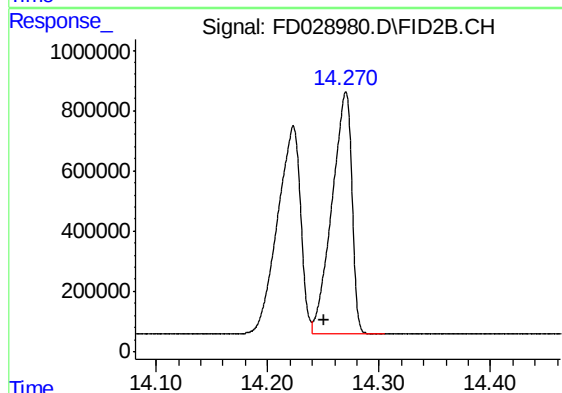
#13 Pyrene (C20.8)

R.T.: 12.356 min
Delta R.T.: 0.014 min
Response: 10246586
Conc: 103.93 ug/ml



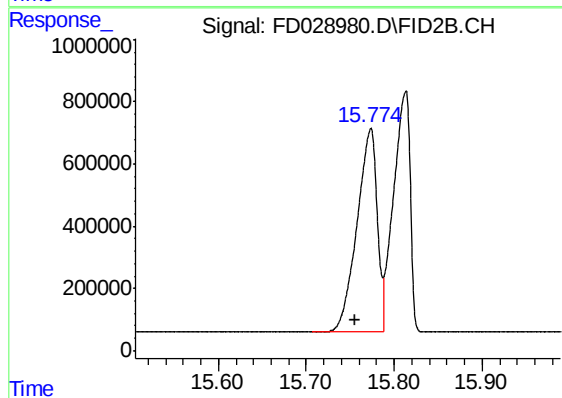
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.223 min
Delta R.T.: 0.014 min
Response: 9917020
Conc: 98.50 ug/ml



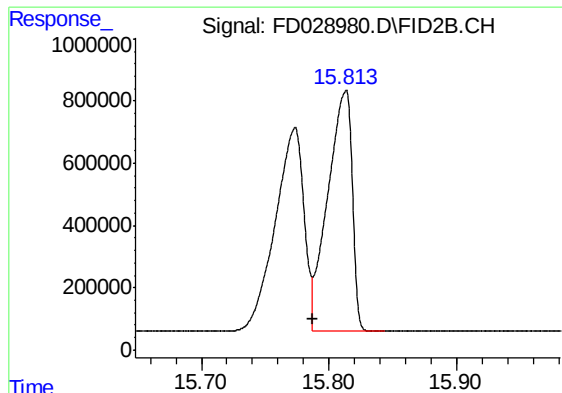
#15 Chrysene (C27.41)

R.T.: 14.270 min
Delta R.T.: 0.019 min
Response: 9924364
Conc: 98.24 ug/ml



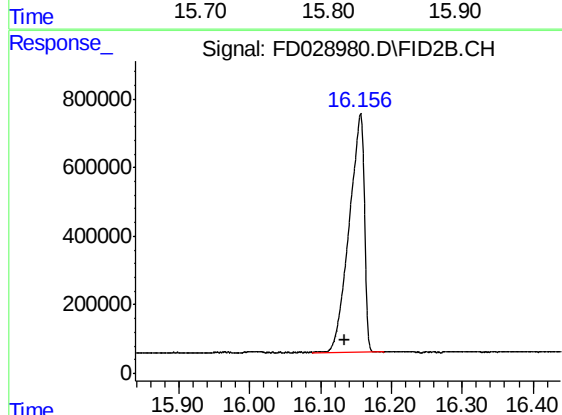
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.773 min
Delta R.T.: 0.018 min
Response: 10387954
Conc: 98.17 ug/ml



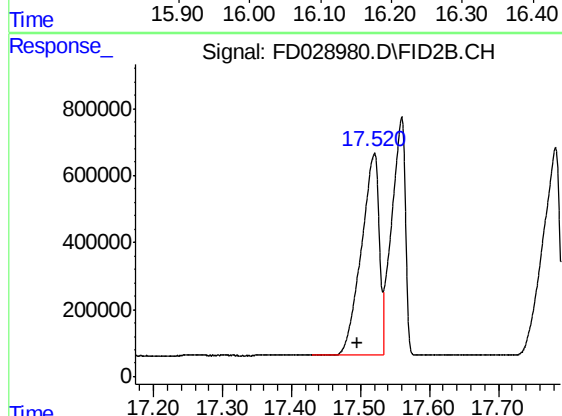
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.813 min
Delta R.T.: 0.026 min
Response: 10236631
Conc: 97.23 ug/ml m



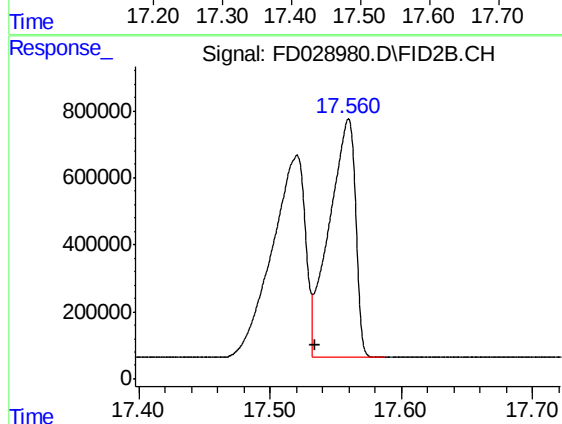
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.157 min
Delta R.T.: 0.022 min
Response: 10335395
Conc: 97.85 ug/ml



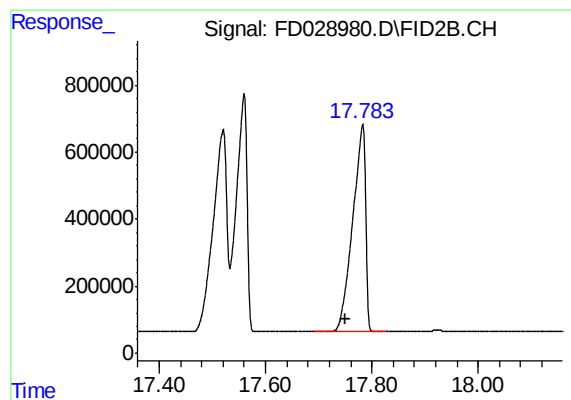
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.520 min
Delta R.T.: 0.025 min
Response: 10815917
Conc: 102.15 ug/ml



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

R.T.: 17.560 min
Delta R.T.: 0.025 min
Response: 9903552
Conc: 94.25 ug/ml m



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

R.T.: 17.783 min
Delta R.T.: 0.032 min
Response: 10395267
Conc: 98.12 ug/ml