

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012819AR\
 Data File : FD027516.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jan 2019 15:44
 Operator : AJ\SJ
 Sample : PB116648BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 30 03:02:51 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...	7.351	6047987	64.023 ug/ml
Spiked Amount 50.000		Recovery =	128.05%
6) S 2-Fluorobiphenyl (SURR)	8.201	4214421	66.086 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	132.17%#
11) S ortho-Terphenyl (SURR)	11.241	6226844	58.418 ug/ml
Spiked Amount 50.000		Recovery =	116.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	4727142	46.625 ug/ml
2) T Naphthalene (C11.7)	5.685	5537385	51.153 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	5796216	54.252 ug/ml
5) T Acenaphthylene (C15.06)	8.004	5769948	56.099 ug/ml
7) T Acenaphthene (C15.5)	8.300	5983810	55.544 ug/ml
8) T Fluorene (C16.55)	9.079	5974697	56.116 ug/ml
9) T Phenanthrene (C19.36)	10.467	6267230	59.406 ug/ml
10) T Anthracene (C19.43)	10.543	6223530	59.630 ug/ml
12) T Fluoranthene (C21.85)	12.272	7024851	67.452 ug/ml
13) T Pyrene (C20.8)	12.566	6409150	62.069 ug/ml
14) T Benzo[a]anthracene (C...	14.433	6430567	65.566 ug/ml
15) T Chrysene (C27.41)	14.477	6443713	65.539 ug/ml
16) T benzo[b]fluoranthene ...	15.980	6487085	64.175 ug/ml
17) T Bnezo[k]fluoranthene ...	16.015	6345659	62.782 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.357	6217032	61.479 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.717	5608851	53.744 ug/ml
20) T Dibenz[a,h]anthracene...	17.760	6224109	60.759 ug/ml
21) T Benzo[g,h,i]perylene ...	17.973	5609549	53.207 ug/mlm

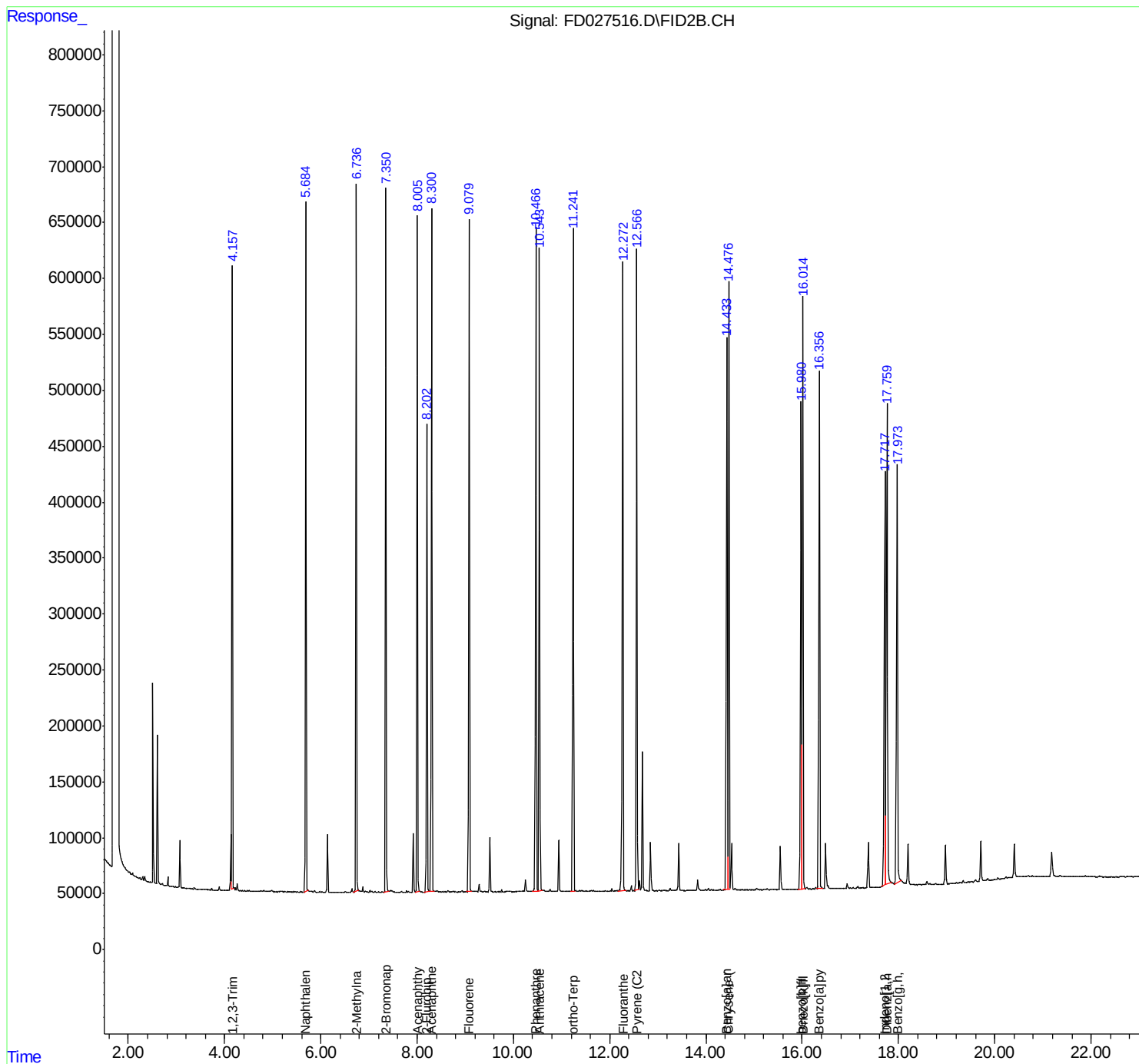
(f)=RT Delta > 1/2 Window

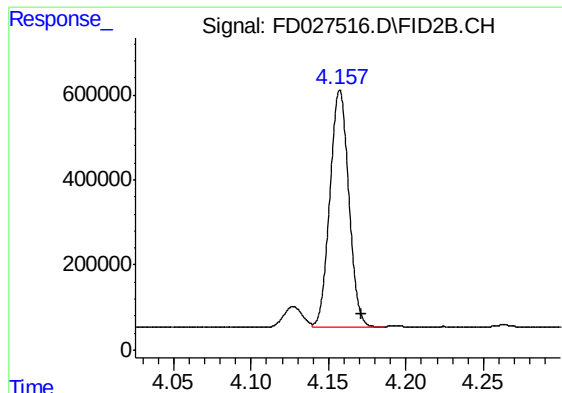
(m)=manual int.

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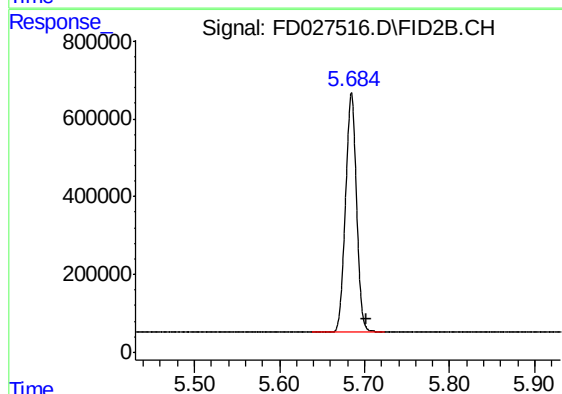
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Signal Info : 20M x 0.18mm x 0.18µm





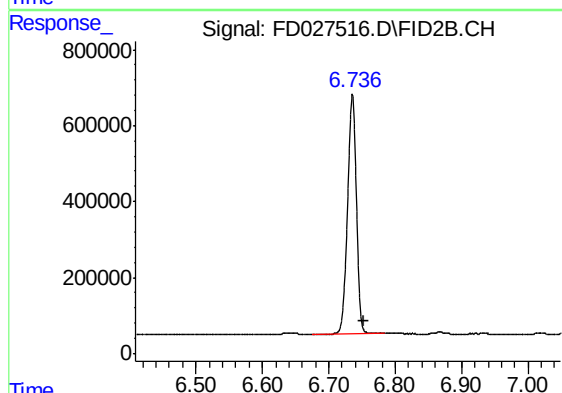
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.157 min
Delta R.T.: -0.014 min
Response: 4727142
Conc: 46.62 ug/ml



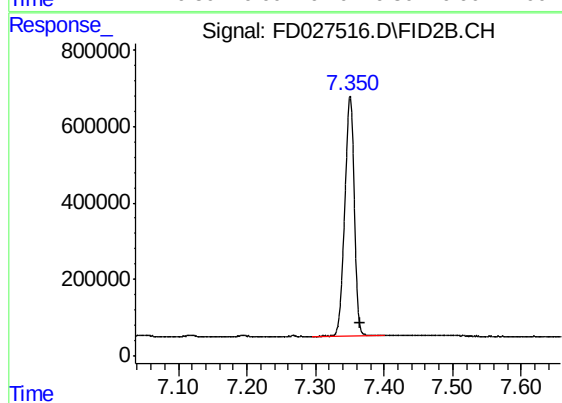
#2 Naphthalene (C11.7)

R.T.: 5.685 min
Delta R.T.: -0.017 min
Response: 5537385
Conc: 51.15 ug/ml



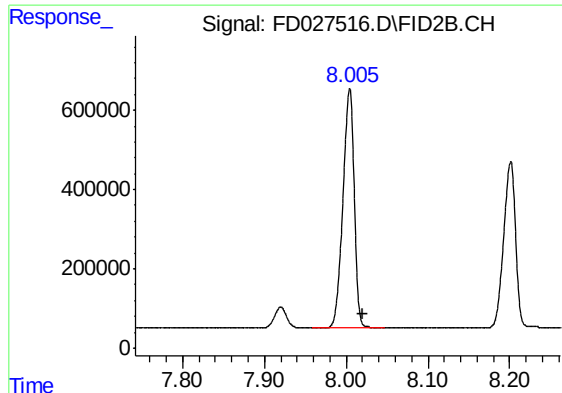
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.017 min
Response: 5796216
Conc: 54.25 ug/ml



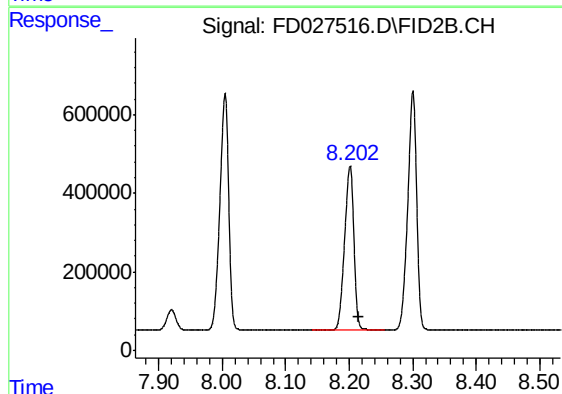
#4 2-Bromonaphthalene (SURR)

R.T.: 7.351 min
Delta R.T.: -0.015 min
Response: 6047987
Conc: 64.02 ug/ml



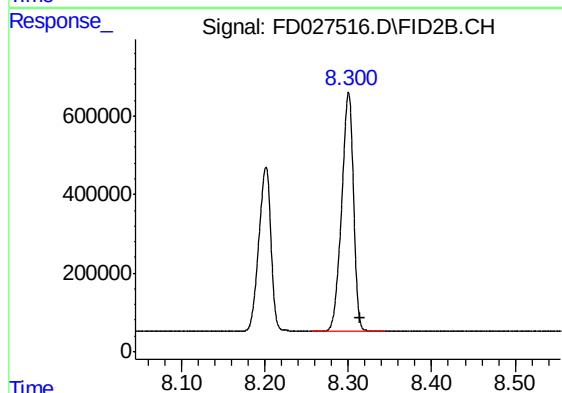
#5 Acenaphthylene (C15.06)

R.T.: 8.004 min
Delta R.T.: -0.015 min
Response: 5769948
Conc: 56.10 ug/ml



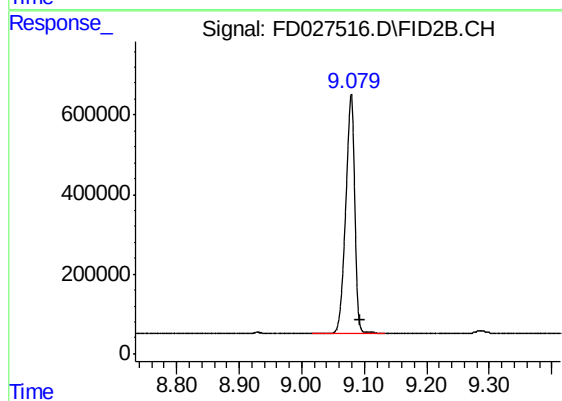
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: -0.014 min
Response: 4214421
Conc: 66.09 ug/ml



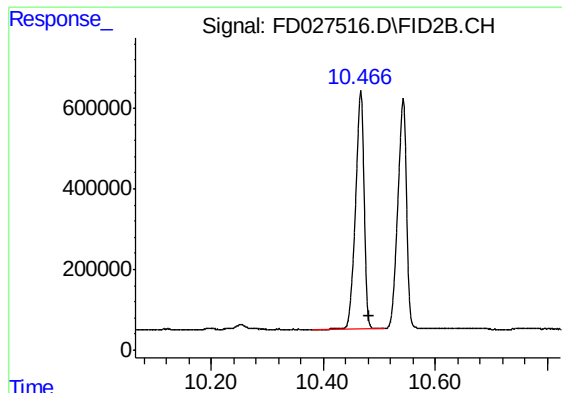
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: -0.014 min
Response: 5983810
Conc: 55.54 ug/ml



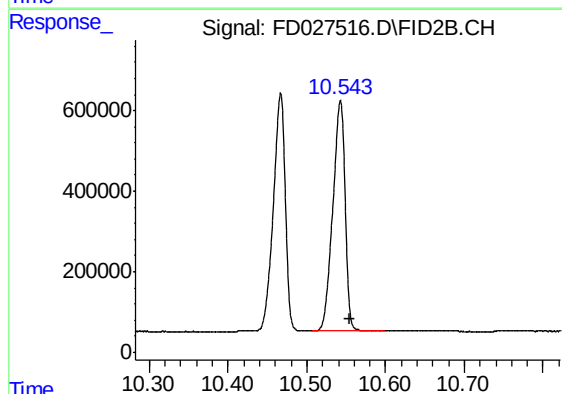
#8 Flouorene (C16.55)

R.T.: 9.079 min
Delta R.T.: -0.014 min
Response: 5974697
Conc: 56.12 ug/ml



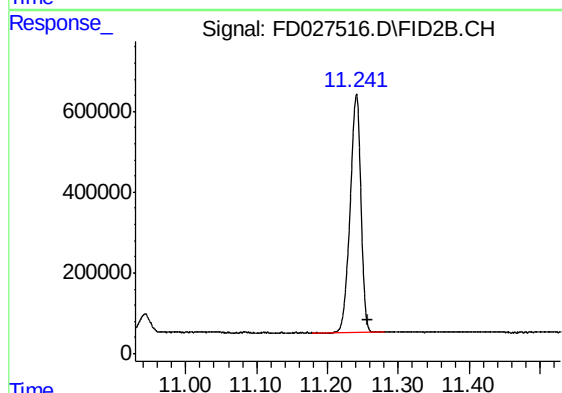
#9 Phenanthrene (C19.36)

R.T.: 10.467 min
Delta R.T.: -0.014 min
Response: 6267230
Conc: 59.41 ug/ml



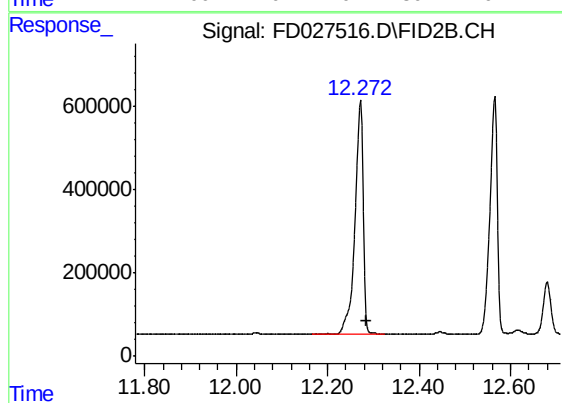
#10 Anthracene (C19.43)

R.T.: 10.543 min
Delta R.T.: -0.012 min
Response: 6223530
Conc: 59.63 ug/ml



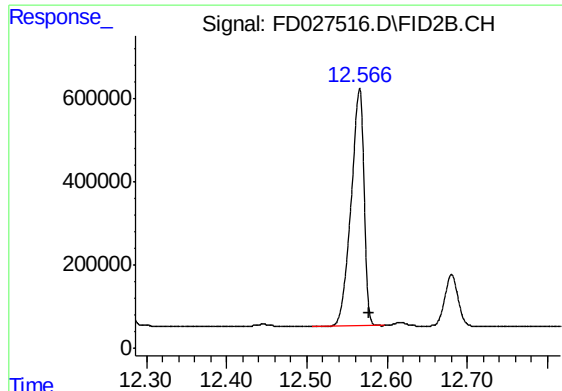
#11 ortho-Terphenyl (SURR)

R.T.: 11.241 min
Delta R.T.: -0.016 min
Response: 6226844
Conc: 58.42 ug/ml



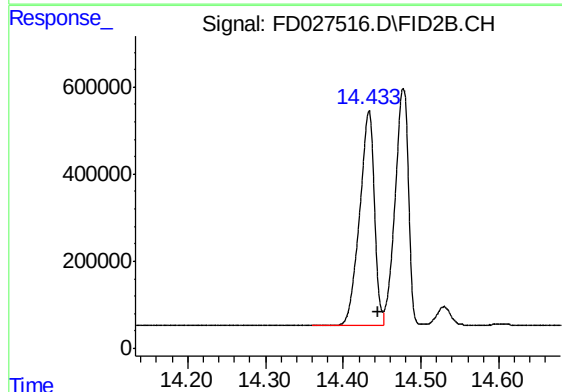
#12 Fluoranthene (C21.85)

R.T.: 12.272 min
Delta R.T.: -0.012 min
Response: 7024851
Conc: 67.45 ug/ml



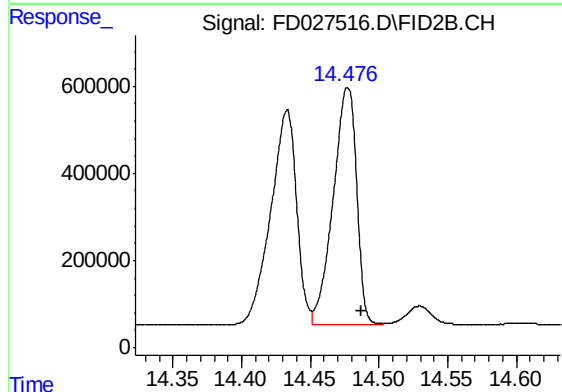
#13 Pyrene (C20.8)

R.T.: 12.566 min
Delta R.T.: -0.012 min
Response: 6409150
Conc: 62.07 ug/ml



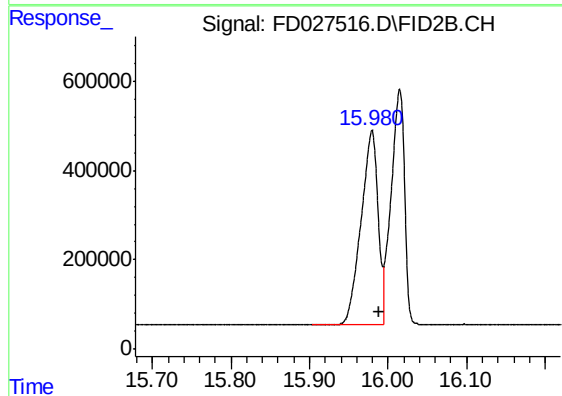
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.433 min
Delta R.T.: -0.012 min
Response: 6430567
Conc: 65.57 ug/ml



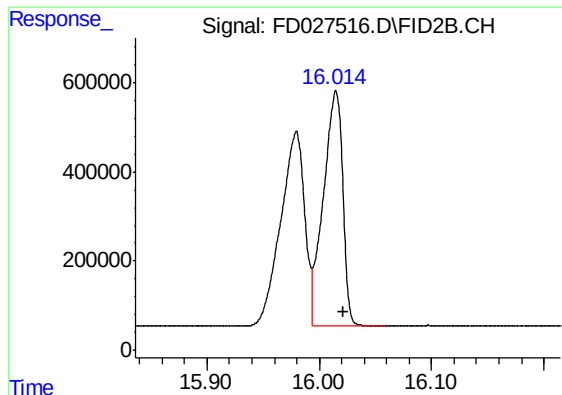
#15 Chrysene (C27.41)

R.T.: 14.477 min
Delta R.T.: -0.010 min
Response: 6443713
Conc: 65.54 ug/ml



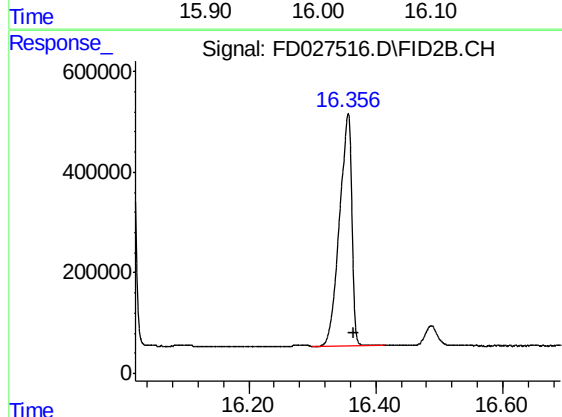
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.980 min
Delta R.T.: -0.010 min
Response: 6487085
Conc: 64.17 ug/ml



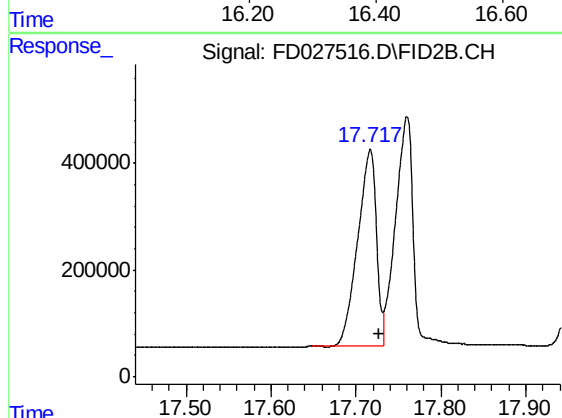
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.015 min
Delta R.T.: -0.007 min
Response: 6345659
Conc: 62.78 ug/ml



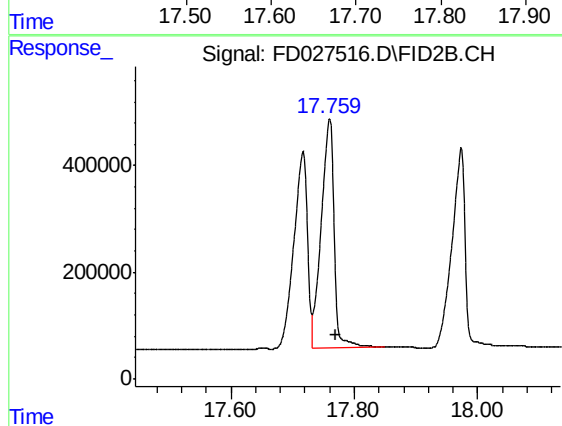
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.357 min
Delta R.T.: -0.009 min
Response: 6217032
Conc: 61.48 ug/ml



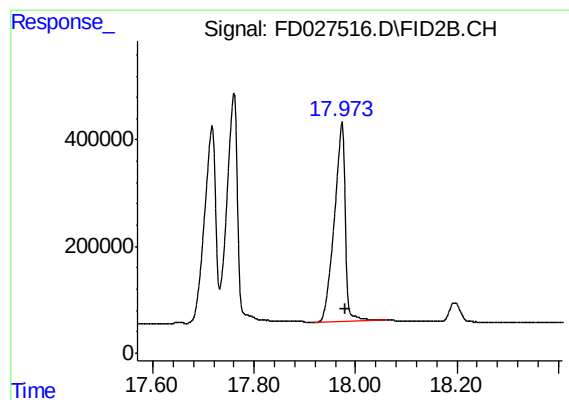
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.717 min
Delta R.T.: -0.011 min
Response: 5608851
Conc: 53.74 ug/ml



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

R.T.: 17.760 min
Delta R.T.: -0.010 min
Response: 6224109
Conc: 60.76 ug/ml



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

R.T.: 17.973 min
Delta R.T.: -0.006 min
Response: 5609549
Conc: 53.21 ug/ml m