

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101218AR\
 Data File : FD025982.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2018 15:41
 Operator : AJ\SJ
 Sample : AR WATER IDOC 04
 Misc : FOR EGHOSA
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 02:04:35 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 2018
 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...	7.422	3450332	44.198 ug/ml
Spiked Amount 50.000		Recovery =	88.40%
6) S 2-Fluorobiphenyl (SURR)	8.275	2551248	46.301 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.60%
11) S ortho-Terphenyl (SURR)	11.320	4080455	47.440 ug/ml
Spiked Amount 50.000		Recovery =	94.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	3688062	43.541 ug/ml
2) T Naphthalene (C11.7)	5.755	4014323	43.829 ug/ml
3) T 2-Methylnaphthalene (...)	6.808	3963599	44.393 ug/ml
5) T Acenaphthylene (C15.06)	8.079	3960251	45.507 ug/ml
7) T Acenaphthene (C15.5)	8.375	4147789	45.645 ug/ml
8) T Flouorene (C16.55)	9.154	4214395	46.903 ug/ml
9) T Phenanthrene (C19.36)	10.546	4505730	48.385 ug/ml
10) T Anthracene (C19.43)	10.621	4304751	47.012 ug/ml
12) T Fluoranthene (C21.85)	12.354	4737184	48.333 ug/ml
13) T Pyrene (C20.8)	12.649	4798318	48.185 ug/ml
14) T Benzo[a]anthracene (C...	14.519	4653177	48.142 ug/ml
15) T Chrysene (C27.41)	14.563	4721851	48.553 ug/ml
16) T benzo[b]fluoranthene ...	16.067	4786719	48.721 ug/ml
17) T Bnezo[k]fluoranthene ...	16.102	4790998	49.140 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	4737108	48.494 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	4342557	45.807 ug/ml
20) T Dibenz[a,h]anthracene...	17.850	4351149	46.991 ug/ml
21) T Benzo[g,h,i]perylene ...	18.062	4492817	46.699 ug/ml

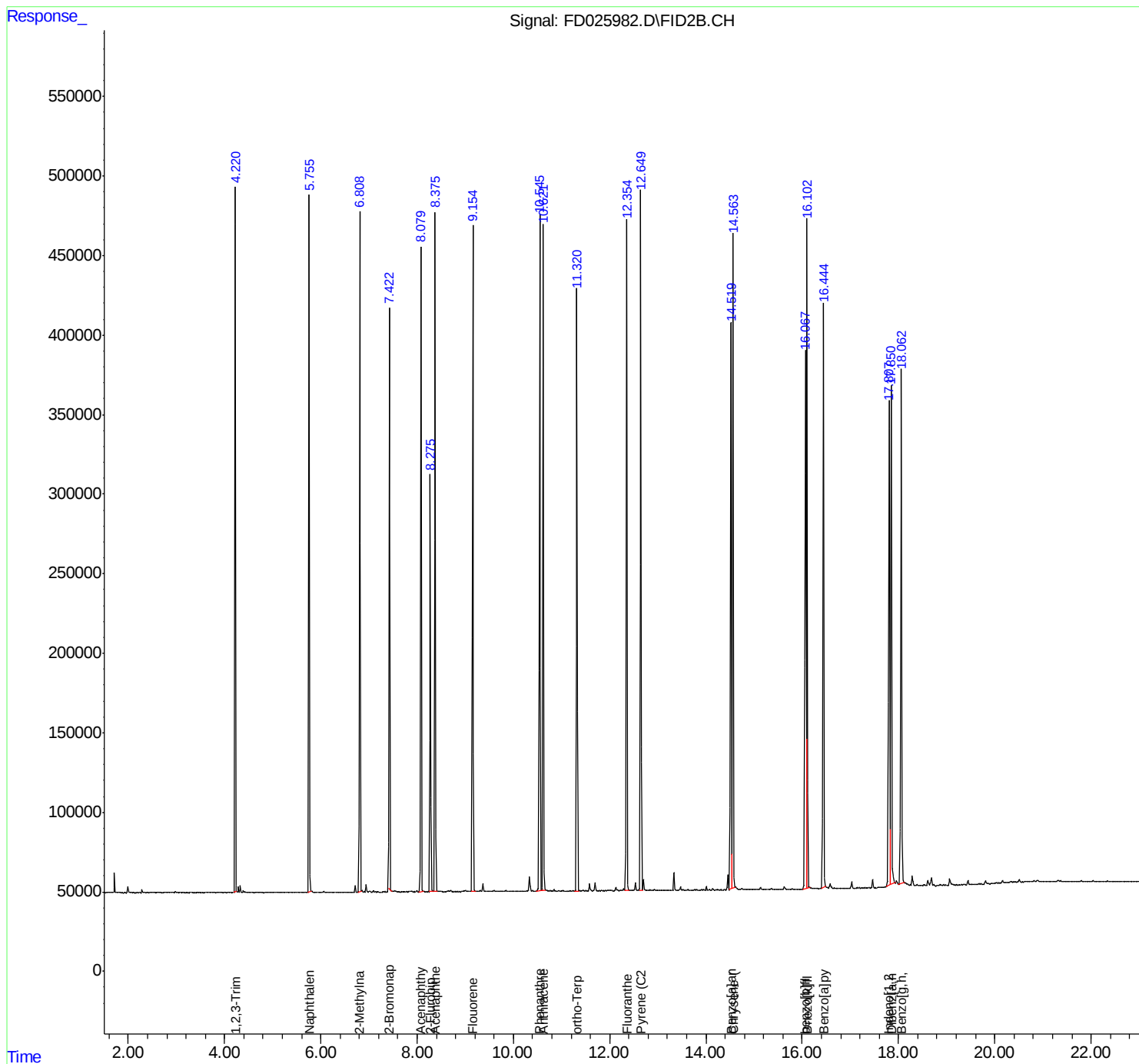
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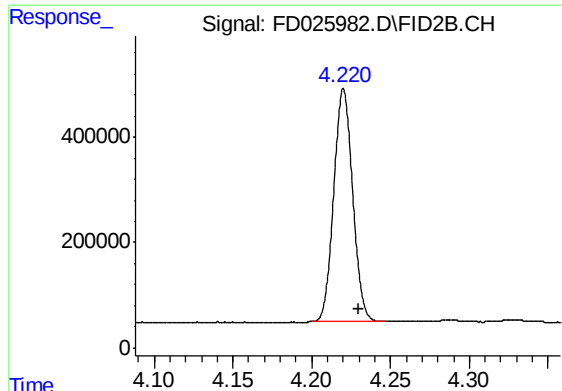
(m)=manual int.

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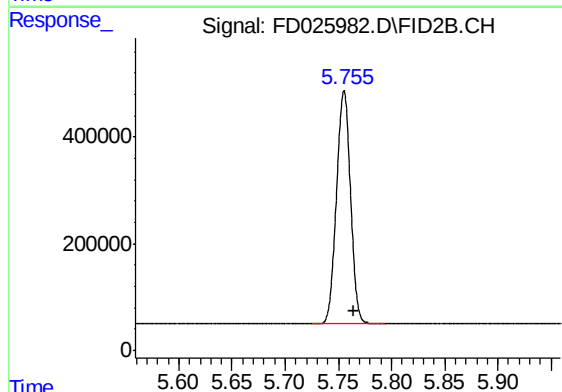
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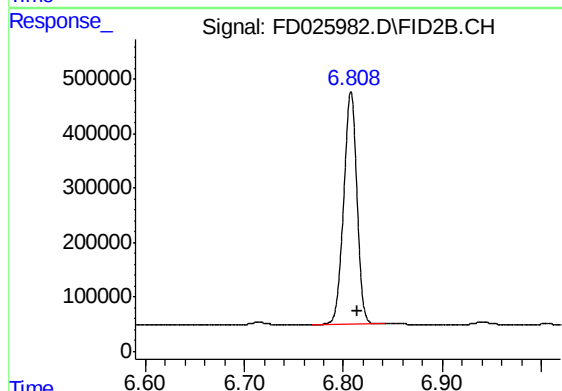
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.220 min
Delta R.T.: -0.010 min
Response: 3688062
Conc: 43.54 ug/ml



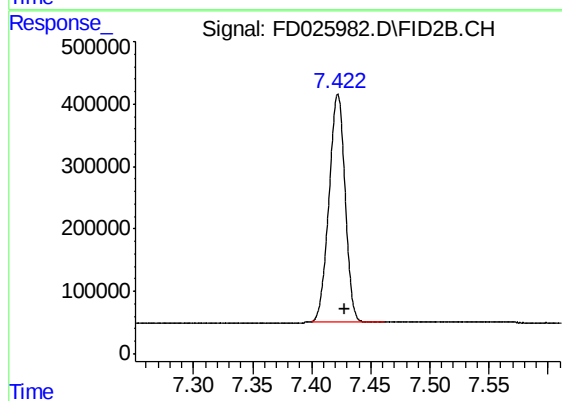
#2 Naphthalene (C11.7)

R.T.: 5.755 min
Delta R.T.: -0.008 min
Response: 4014323
Conc: 43.83 ug/ml



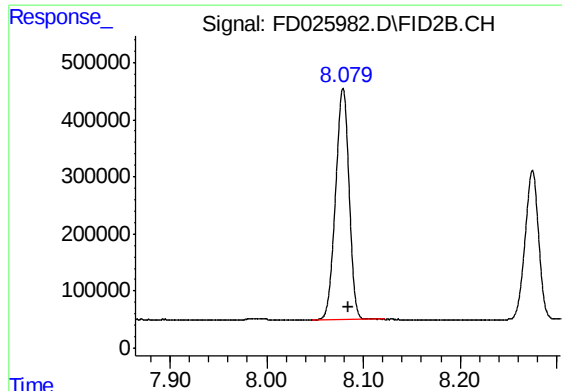
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: -0.007 min
Response: 3963599
Conc: 44.39 ug/ml



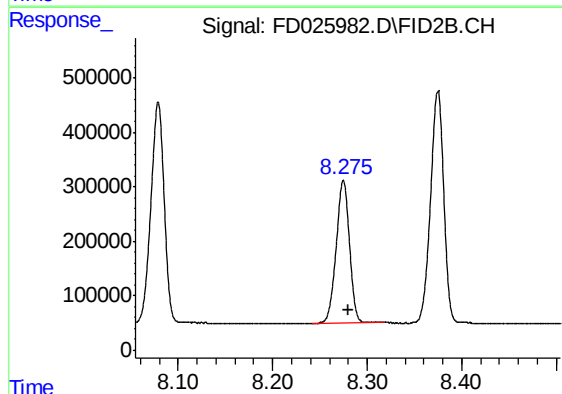
#4 2-Bromonaphthalene (SURR)

R.T.: 7.422 min
Delta R.T.: -0.006 min
Response: 3450332
Conc: 44.20 ug/ml



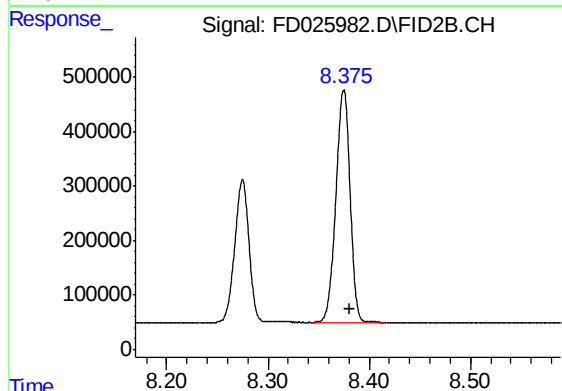
#5 Acenaphthylene (C15.06)

R.T.: 8.079 min
Delta R.T.: -0.006 min
Response: 3960251
Conc: 45.51 ug/ml



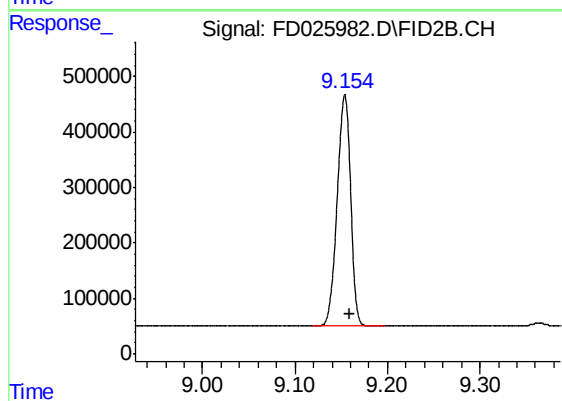
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.275 min
Delta R.T.: -0.006 min
Response: 2551248
Conc: 46.30 ug/ml



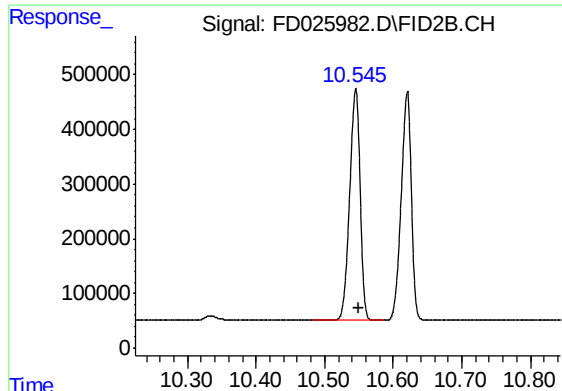
#7 Acenaphthene (C15.5)

R.T.: 8.375 min
Delta R.T.: -0.005 min
Response: 4147789
Conc: 45.65 ug/ml



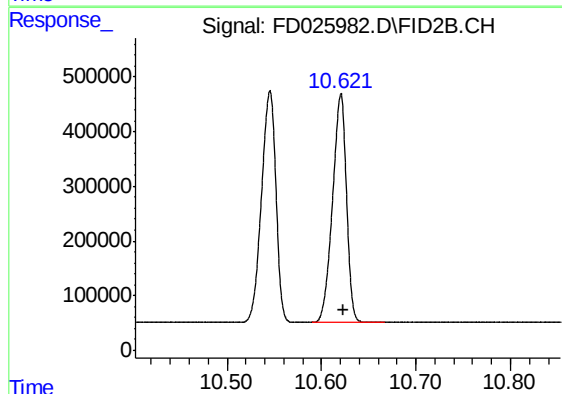
#8 Fluorene (C16.55)

R.T.: 9.154 min
Delta R.T.: -0.005 min
Response: 4214395
Conc: 46.90 ug/ml



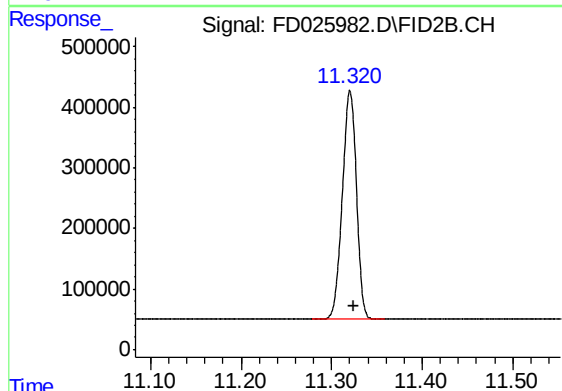
#9 Phenanthrene (C19.36)

R.T.: 10.546 min
Delta R.T.: -0.005 min
Response: 4505730
Conc: 48.38 ug/ml



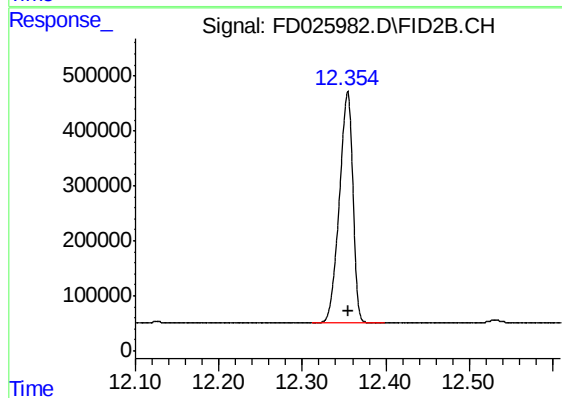
#10 Anthracene (C19.43)

R.T.: 10.621 min
Delta R.T.: -0.003 min
Response: 4304751
Conc: 47.01 ug/ml



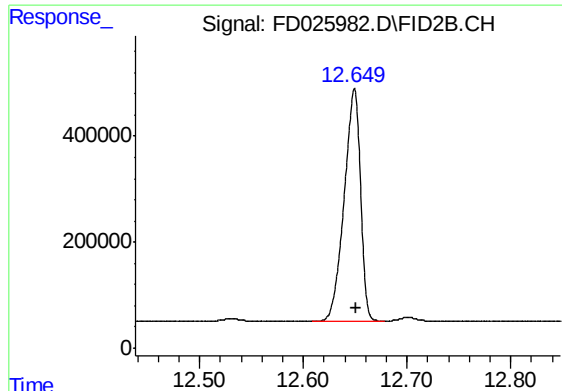
#11 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: -0.004 min
Response: 4080455
Conc: 47.44 ug/ml



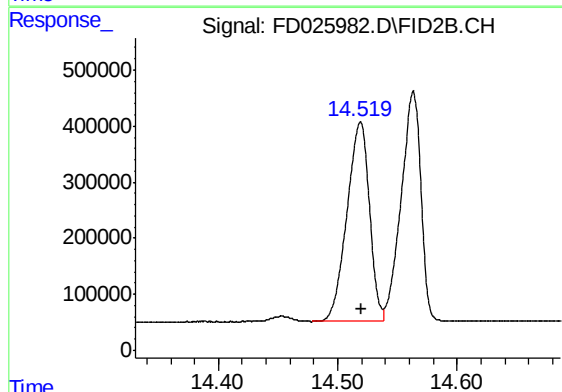
#12 Fluoranthene (C21.85)

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 4737184
Conc: 48.33 ug/ml



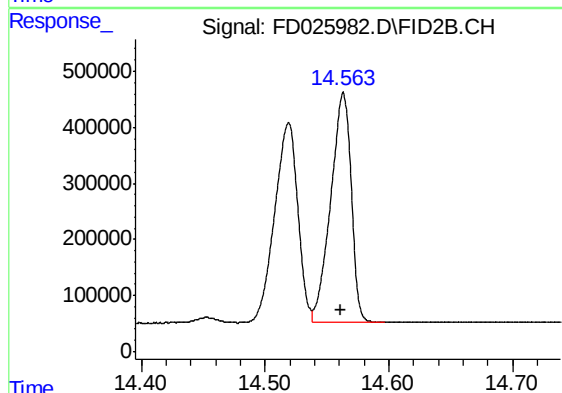
#13 Pyrene (C20.8)

R.T.: 12.649 min
Delta R.T.: -0.001 min
Response: 4798318
Conc: 48.18 ug/ml



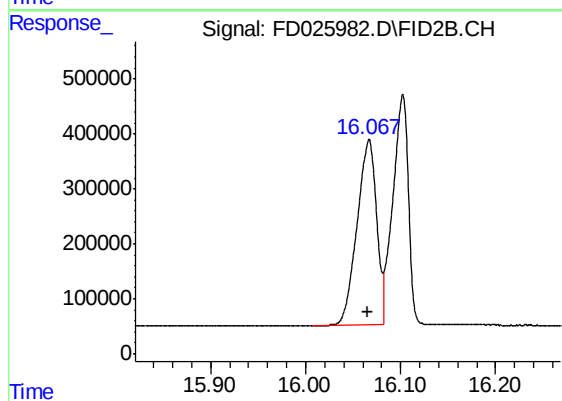
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.519 min
Delta R.T.: 0.000 min
Response: 4653177
Conc: 48.14 ug/ml



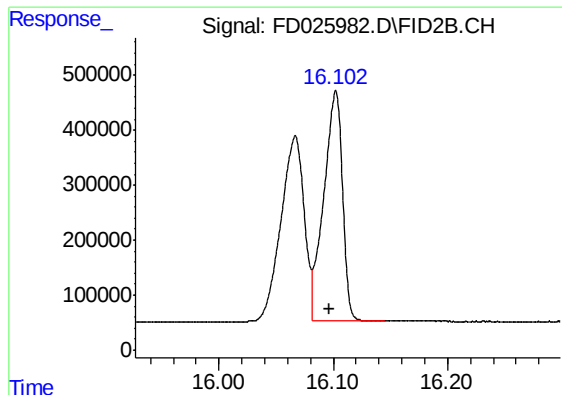
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: 0.002 min
Response: 4721851
Conc: 48.55 ug/ml



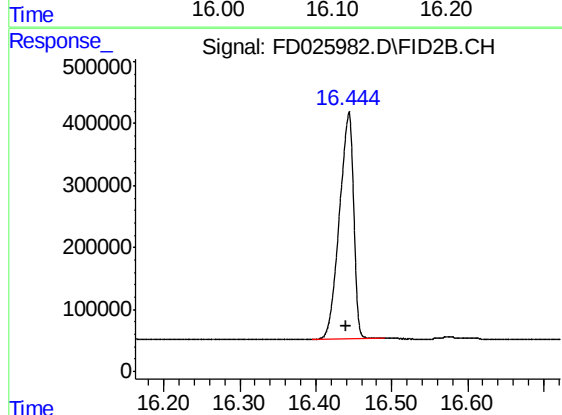
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.067 min
Delta R.T.: 0.002 min
Response: 4786719
Conc: 48.72 ug/ml



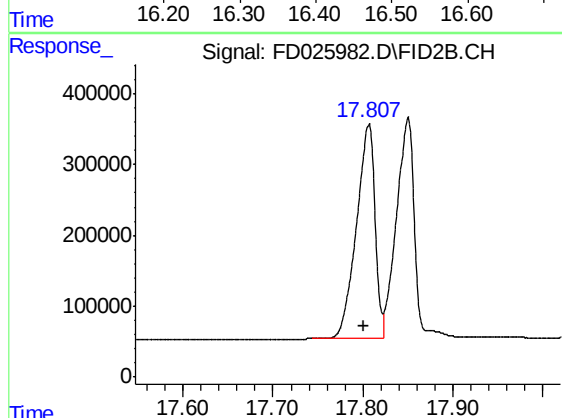
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.102 min
Delta R.T.: 0.005 min
Response: 4790998
Conc: 49.14 ug/ml



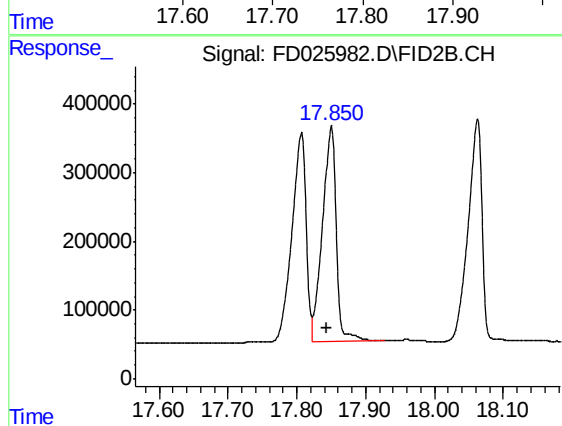
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: 0.003 min
Response: 4737108
Conc: 48.49 ug/ml



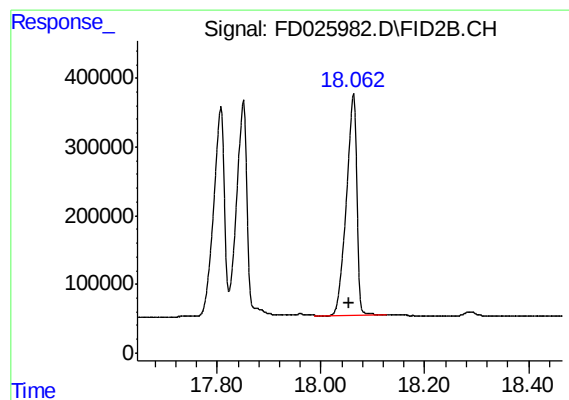
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: 0.006 min
Response: 4342557
Conc: 45.81 ug/ml



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

R.T.: 17.850 min
Delta R.T.: 0.008 min
Response: 4351149
Conc: 46.99 ug/ml



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

R.T.: 18.062 min
Delta R.T.: 0.009 min
Response: 4492817
Conc: 46.70 ug/ml