

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101218AR\
 Data File : FD025980.D
 Signal(s) : FID2B.CH
 Acq On : 12 Oct 2018 14:13
 Operator : AJ\SJ
 Sample : AR WATER IDOC 02
 Misc : FOR EGHOSA
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 13 02:04:05 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...	7.423	3570321	45.735 ug/ml
Spiked Amount 50.000		Recovery =	91.47%
6) S 2-Fluorobiphenyl (SURR)	8.275	2612418	47.411 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.82%
11) S ortho-Terphenyl (SURR)	11.321	4151092	48.261 ug/ml
Spiked Amount 50.000		Recovery =	96.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.221	3771591	44.527 ug/ml
2) T Naphthalene (C11.7)	5.756	4124177	45.029 ug/ml
3) T 2-Methylnaphthalene (...)	6.808	4075009	45.641 ug/ml
5) T Acenaphthylene (C15.06)	8.080	4062716	46.684 ug/ml
7) T Acenaphthene (C15.5)	8.376	4255147	46.827 ug/ml
8) T Fluorene (C16.55)	9.155	4306001	47.923 ug/ml
9) T Phenanthrene (C19.36)	10.546	4561969	48.989 ug/ml
10) T Anthracene (C19.43)	10.621	4350041	47.507 ug/ml
12) T Fluoranthene (C21.85)	12.353	4760495	48.571 ug/ml
13) T Pyrene (C20.8)	12.649	4820342	48.406 ug/ml
14) T Benzo[a]anthracene (C...	14.520	4683992	48.461 ug/ml
15) T Chrysene (C27.41)	14.562	4751186	48.855 ug/ml
16) T benzo[b]fluoranthene ...	16.067	4841843	49.282 ug/ml
17) T Bnezo[k]fluoranthene ...	16.103	4826954	49.509 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	4784202	48.976 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.808	4389508	46.302 ug/ml
20) T Dibenz[a,h]anthracene...	17.849	4355437	47.038 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	4545347	47.245 ug/ml

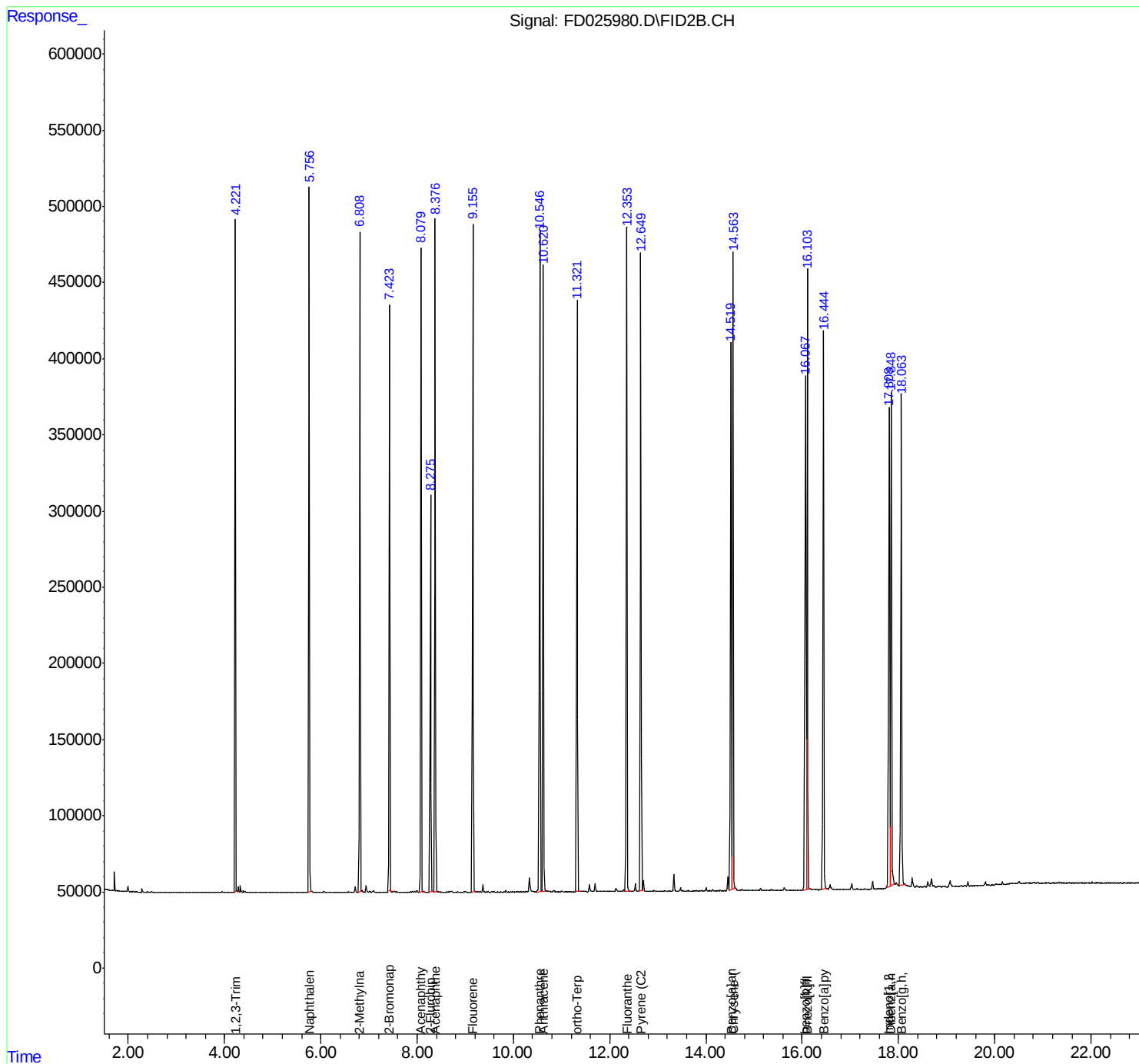
(f)=RT Delta > 1/2 Window

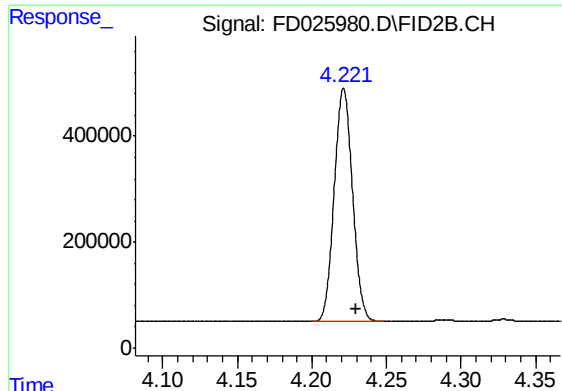
(m)=manual int.

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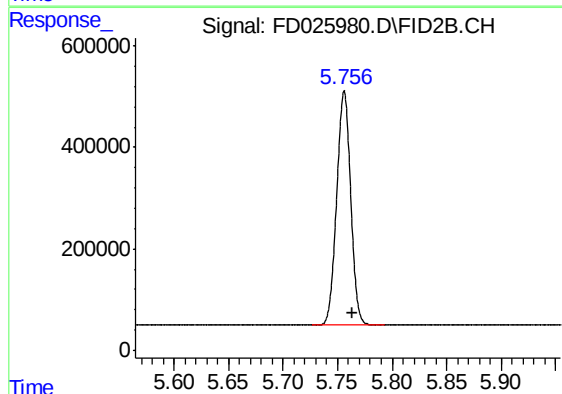
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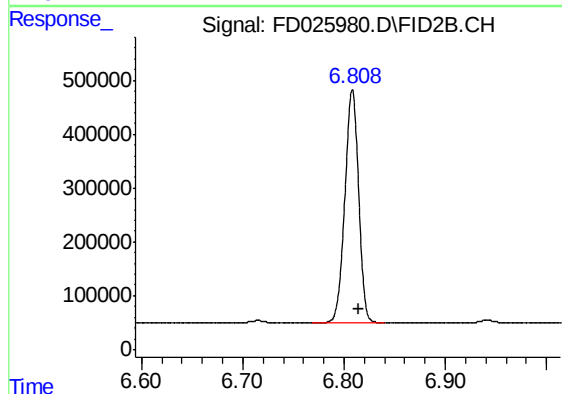
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.221 min
Delta R.T.: -0.009 min
Response: 3771591
Conc: 44.53 ug/ml



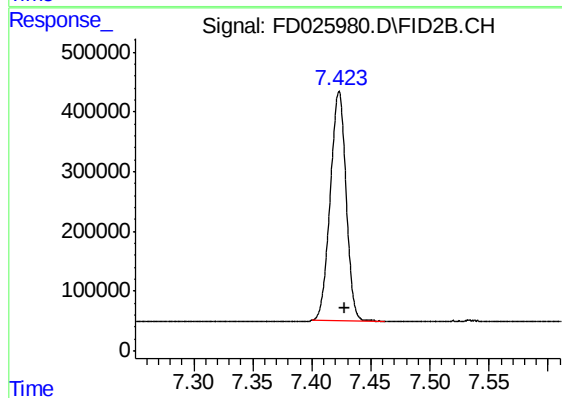
#2 Naphthalene (C11.7)

R.T.: 5.756 min
Delta R.T.: -0.008 min
Response: 4124177
Conc: 45.03 ug/ml



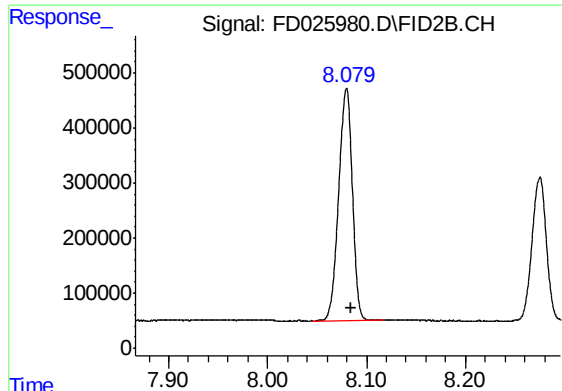
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: -0.006 min
Response: 4075009
Conc: 45.64 ug/ml



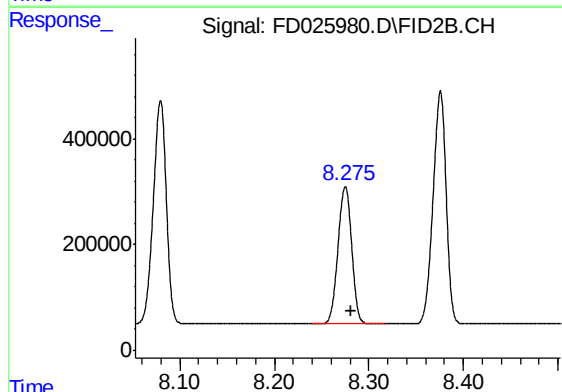
#4 2-Bromonaphthalene (SURR)

R.T.: 7.423 min
Delta R.T.: -0.005 min
Response: 3570321
Conc: 45.73 ug/ml



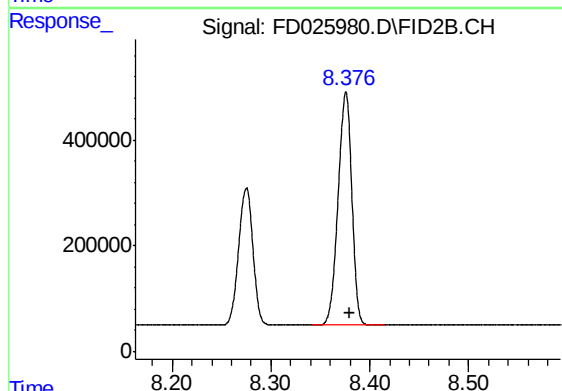
#5 Acenaphthylene (C15.06)

R.T.: 8.080 min
Delta R.T.: -0.005 min
Response: 4062716
Conc: 46.68 ug/ml



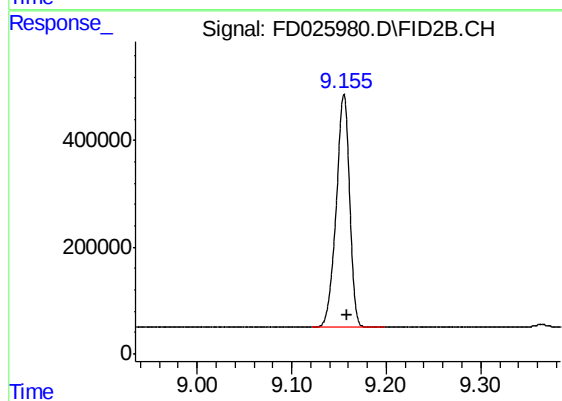
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.275 min
Delta R.T.: -0.006 min
Response: 2612418
Conc: 47.41 ug/ml



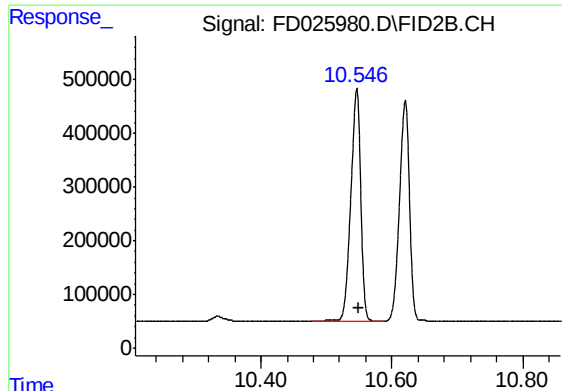
#7 Acenaphthene (C15.5)

R.T.: 8.376 min
Delta R.T.: -0.004 min
Response: 4255147
Conc: 46.83 ug/ml



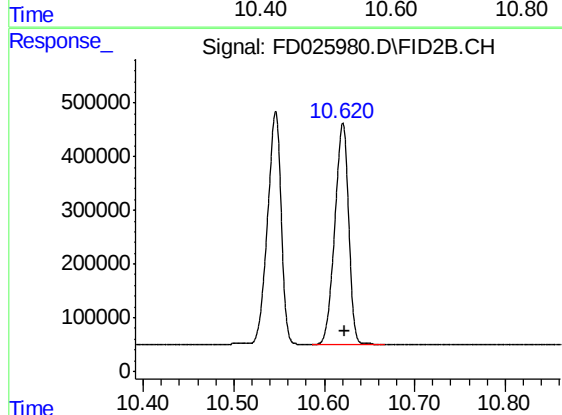
#8 Fluorene (C16.55)

R.T.: 9.155 min
Delta R.T.: -0.003 min
Response: 4306001
Conc: 47.92 ug/ml



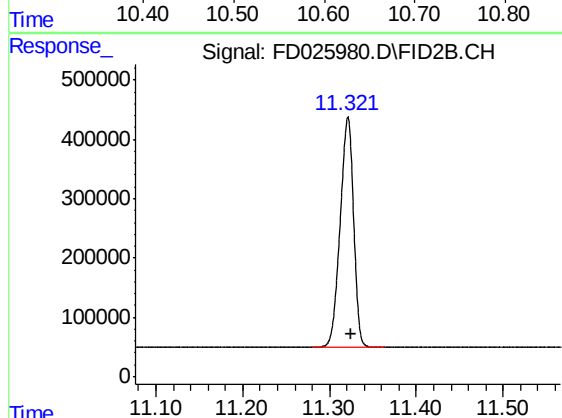
#9 Phenanthrene (C19.36)

R.T.: 10.546 min
Delta R.T.: -0.004 min
Response: 4561969
Conc: 48.99 ug/ml



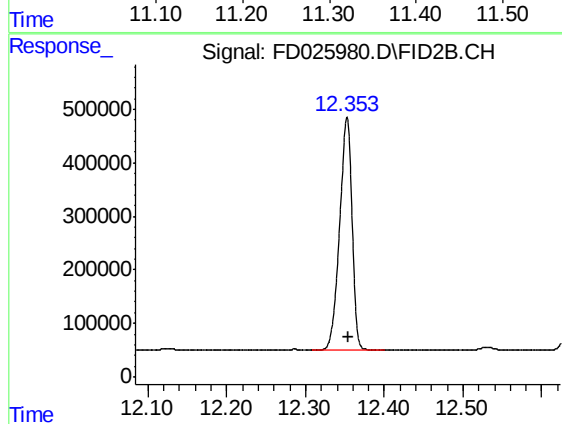
#10 Anthracene (C19.43)

R.T.: 10.621 min
Delta R.T.: -0.003 min
Response: 4350041
Conc: 47.51 ug/ml



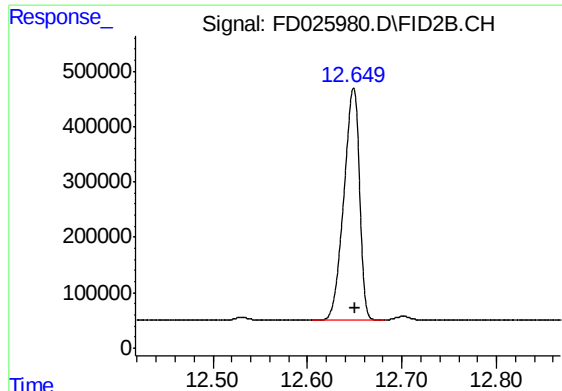
#11 ortho-Terphenyl (SURR)

R.T.: 11.321 min
Delta R.T.: -0.003 min
Response: 4151092
Conc: 48.26 ug/ml



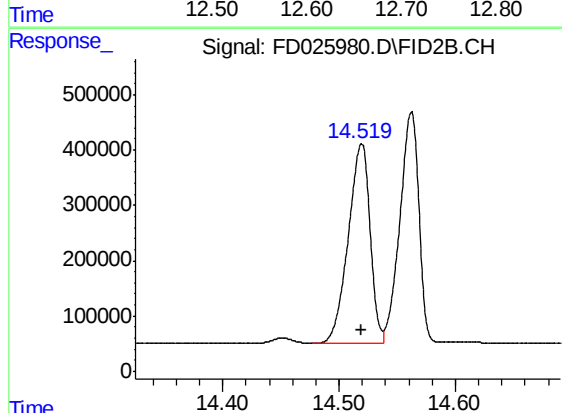
#12 Fluoranthene (C21.85)

R.T.: 12.353 min
Delta R.T.: -0.003 min
Response: 4760495
Conc: 48.57 ug/ml



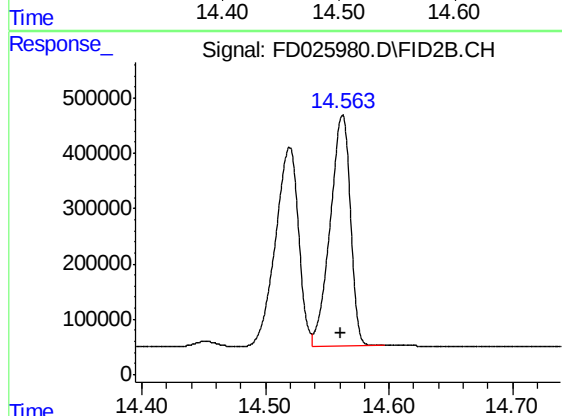
#13 Pyrene (C20.8)

R.T.: 12.649 min
Delta R.T.: -0.002 min
Response: 4820342
Conc: 48.41 ug/ml



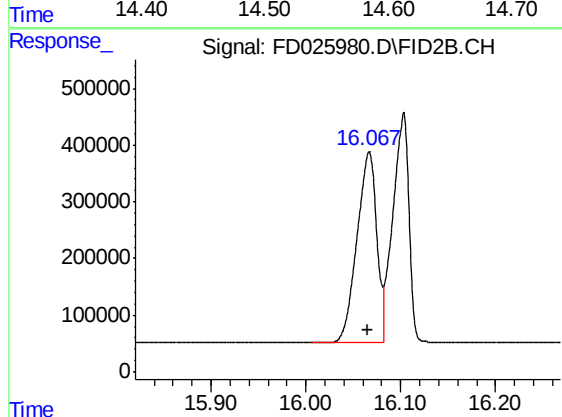
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.520 min
Delta R.T.: 0.000 min
Response: 4683992
Conc: 48.46 ug/ml



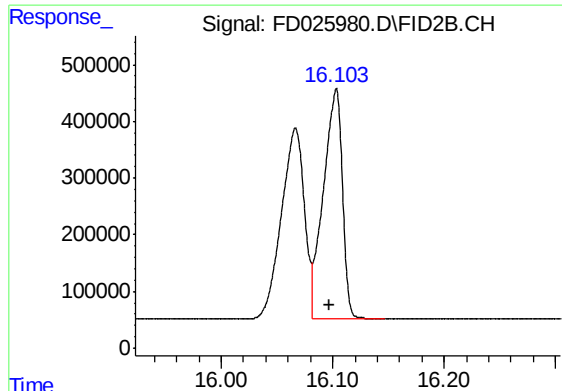
#15 Chrysene (C27.41)

R.T.: 14.562 min
Delta R.T.: 0.000 min
Response: 4751186
Conc: 48.85 ug/ml



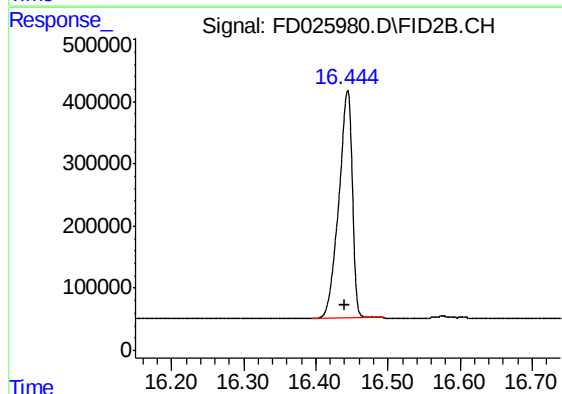
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.067 min
Delta R.T.: 0.002 min
Response: 4841843
Conc: 49.28 ug/ml



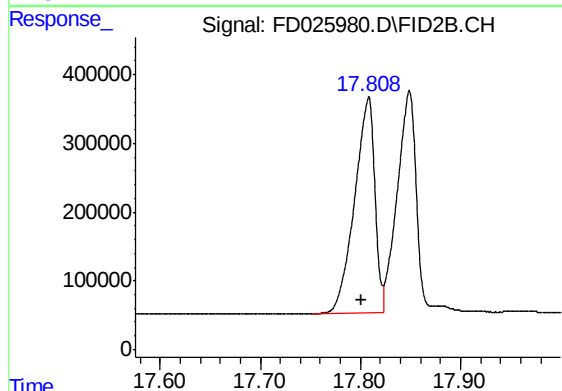
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.103 min
Delta R.T.: 0.006 min
Response: 4826954
Conc: 49.51 ug/ml



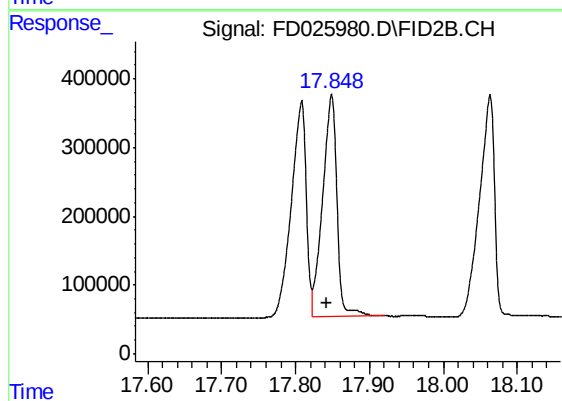
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: 0.004 min
Response: 4784202
Conc: 48.98 ug/ml



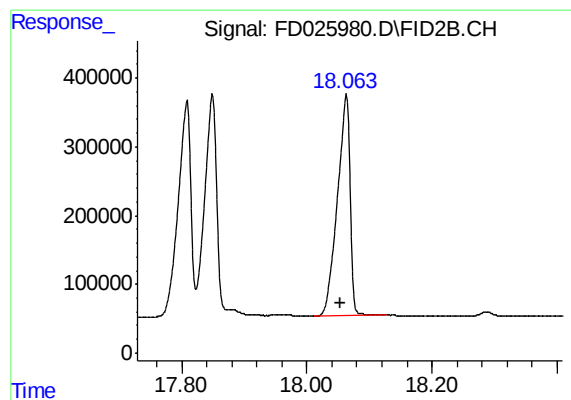
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.808 min
Delta R.T.: 0.008 min
Response: 4389508
Conc: 46.30 ug/ml



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

R.T.: 17.849 min
Delta R.T.: 0.006 min
Response: 4355437
Conc: 47.04 ug/ml



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

R.T.: 18.063 min
Delta R.T.: 0.009 min
Response: 4545347
Conc: 47.25 ug/ml