

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051120AR\
 Data File : FD033443.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2020 18:10
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 03:33:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 03:31:25 2020
 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...	7.587	1090753	9.560 ug/ml
Spiked Amount 50.000		Recovery =	19.12%
6) S 2-Fluorobiphenyl (SURR)	8.451	717081	9.297 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.59%
11) S ortho-Terphenyl (SURR)	11.480	1315380	9.869 ug/ml
Spiked Amount 50.000		Recovery =	19.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.395	1156401	9.966 ug/ml
2) T Naphthalene (C11.7)	5.930	1162869	9.580 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	1177499	9.573 ug/ml
5) T Acenaphthylene (C15.06)	8.251	1218908	9.795 ug/ml
7) T Acenaphthene (C15.5)	8.544	1266813	9.725 ug/ml
8) T Fluorene (C16.55)	9.325	1217893	9.522 ug/ml
9) T Phenanthrene (C19.36)	10.720	1268359	9.651 ug/ml
10) T Anthracene (C19.43)	10.795	1222263	9.581 ug/ml
12) T Fluoranthene (C21.85)	12.530	1311600	9.727 ug/ml
13) T Pyrene (C20.8)	12.826	1308287	9.790 ug/ml
14) T Benzo[a]anthracene (C...	14.699	1235170	9.641 ug/ml
15) T Chrysene (C27.41)	14.739	1328440	9.977 ug/ml
16) T benzo[b]fluoranthene ...	16.250	1267809	9.789 ug/ml
17) T Bnezo[k]fluoranthene ...	16.281	1327298	10.014 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.631	1262562	9.801 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.001	1160709	9.466 ug/ml
20) T Dibenz[a,h]anthracene...	18.037	1304251	10.035 ug/ml
21) T Benzo[g,h,i]perylene ...	18.254	1232182	9.833 ug/ml

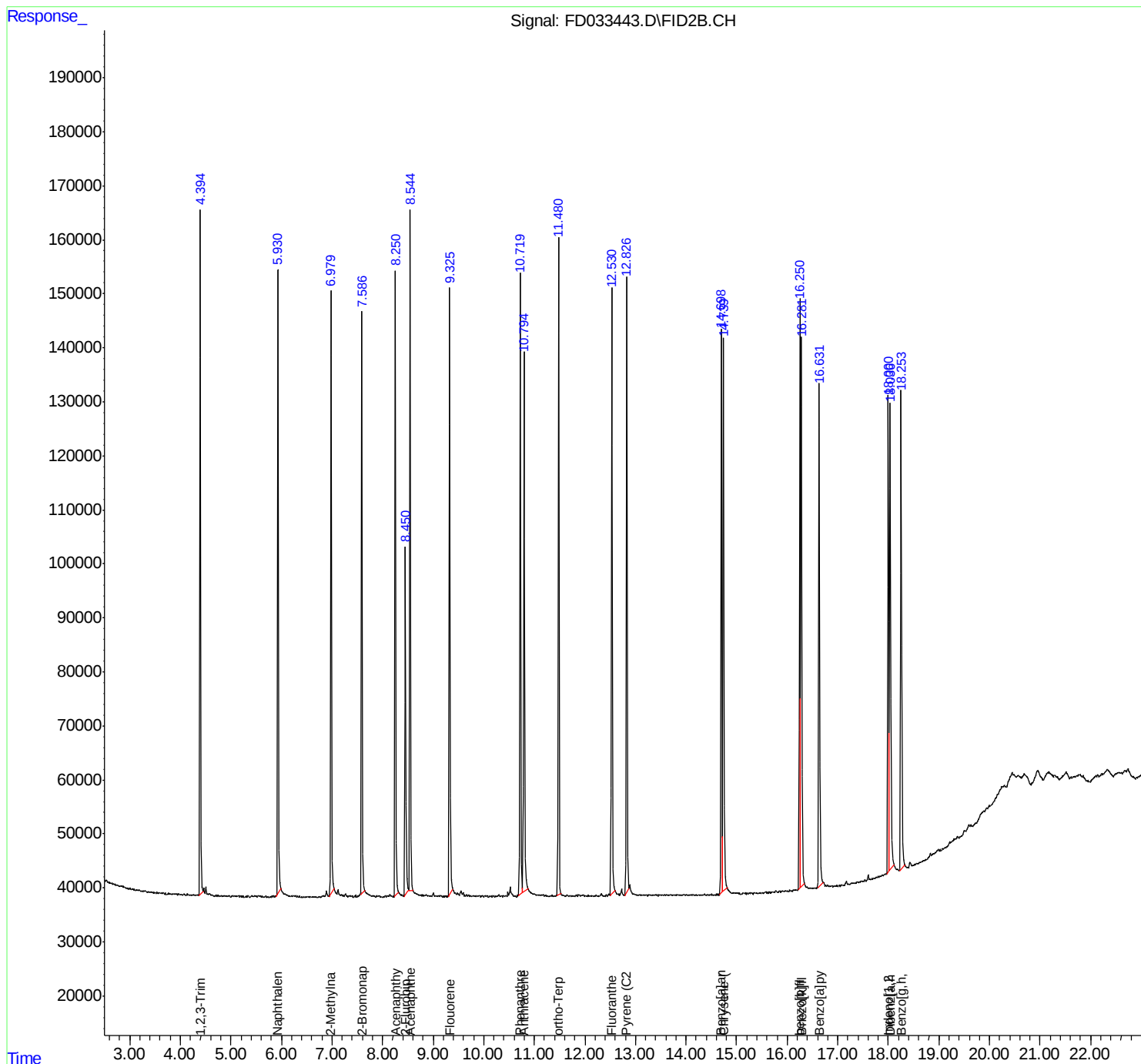
(f)=RT Delta > 1/2 Window

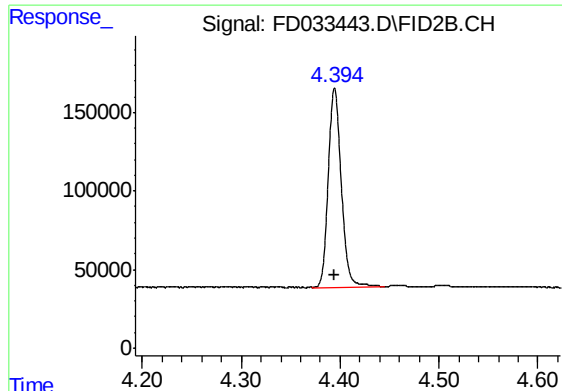
(m)=manual int.

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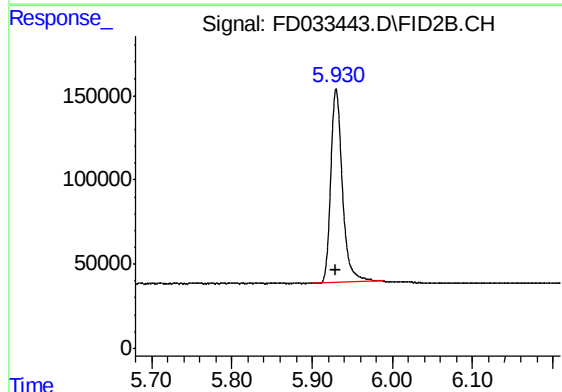
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Signal Info : 20M x 0.18mm x 0.18µm





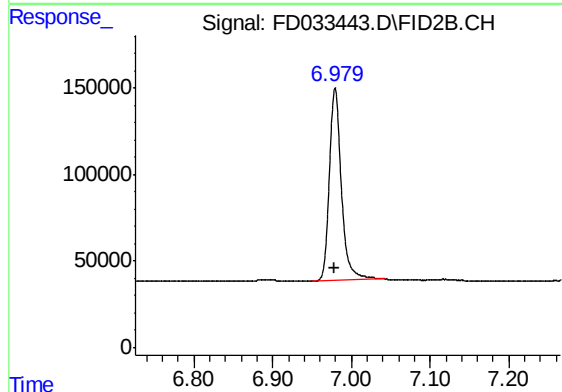
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 1156401
Conc: 9.97 ug/ml



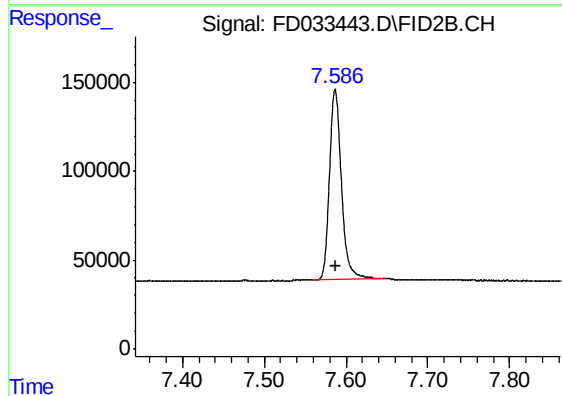
#2 Naphthalene (C11.7)

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 1162869
Conc: 9.58 ug/ml



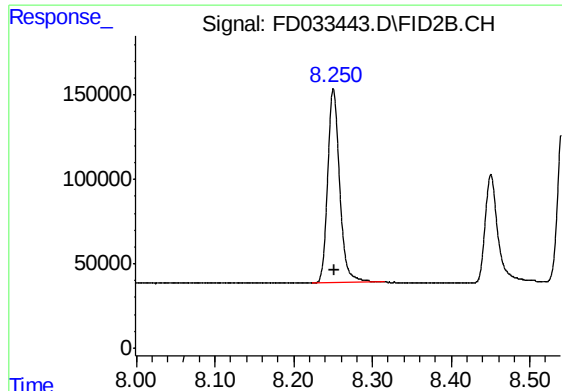
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: 0.000 min
Response: 1177499
Conc: 9.57 ug/ml



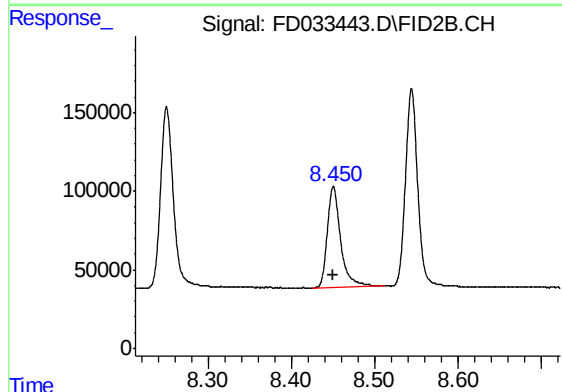
#4 2-Bromonaphthalene (SURR)

R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 1090753
Conc: 9.56 ug/ml



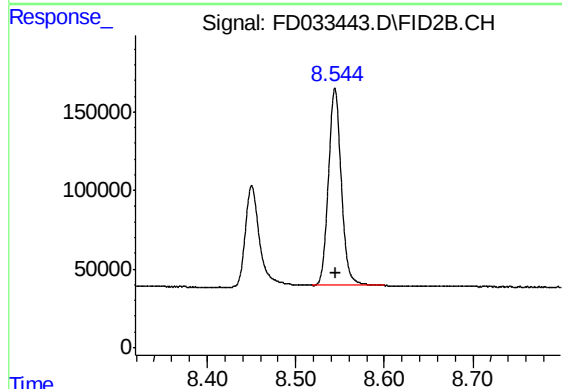
#5 Acenaphthylene (C15.06)

R.T.: 8.251 min
Delta R.T.: -0.001 min
Response: 1218908
Conc: 9.80 ug/ml



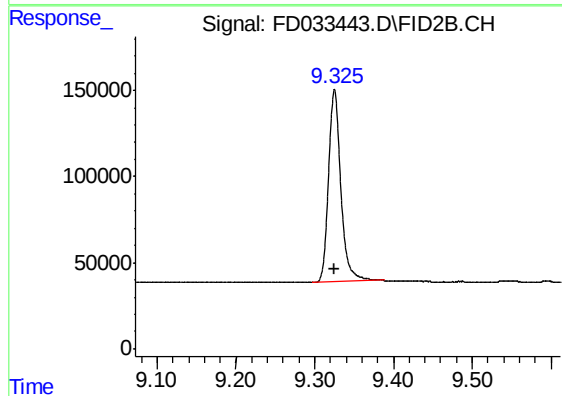
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.451 min
Delta R.T.: 0.000 min
Response: 717081
Conc: 9.30 ug/ml



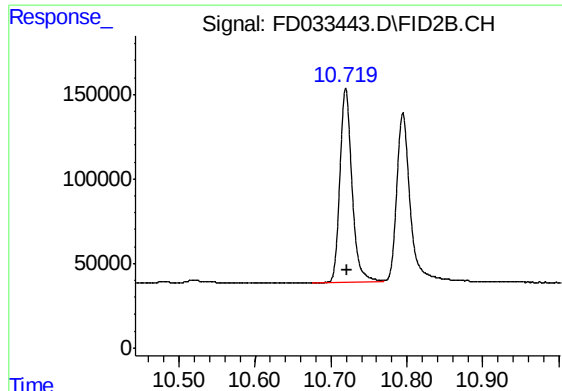
#7 Acenaphthene (C15.5)

R.T.: 8.544 min
Delta R.T.: -0.001 min
Response: 1266813
Conc: 9.73 ug/ml



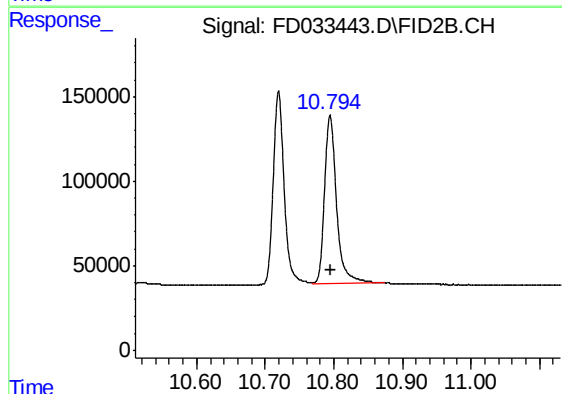
#8 Flouorene (C16.55)

R.T.: 9.325 min
Delta R.T.: 0.000 min
Response: 1217893
Conc: 9.52 ug/ml



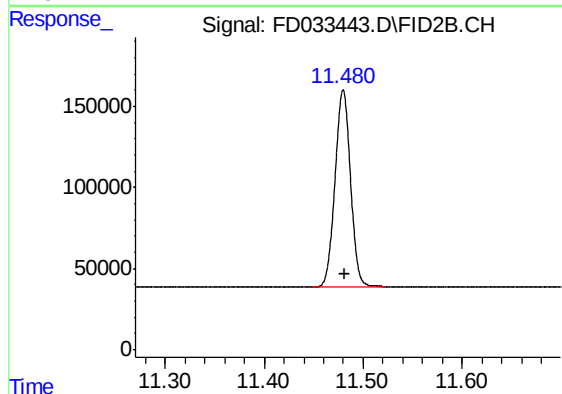
#9 Phenanthrene (C19.36)

R.T.: 10.720 min
Delta R.T.: -0.001 min
Response: 1268359
Conc: 9.65 ug/ml



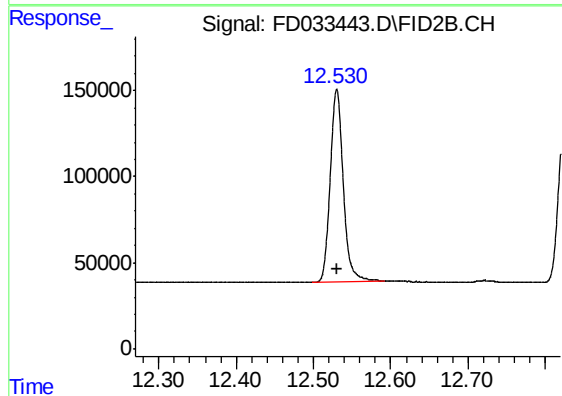
#10 Anthracene (C19.43)

R.T.: 10.795 min
Delta R.T.: 0.000 min
Response: 1222263
Conc: 9.58 ug/ml



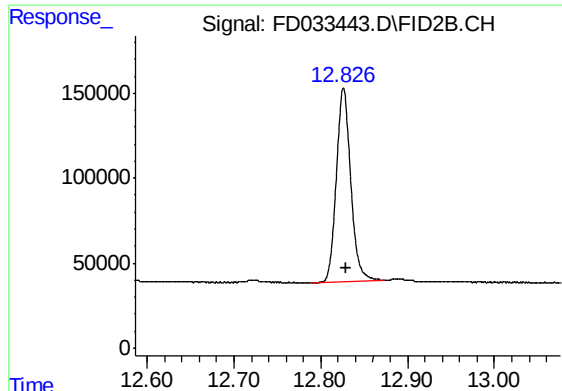
#11 ortho-Terphenyl (SURR)

R.T.: 11.480 min
Delta R.T.: -0.002 min
Response: 1315380
Conc: 9.87 ug/ml



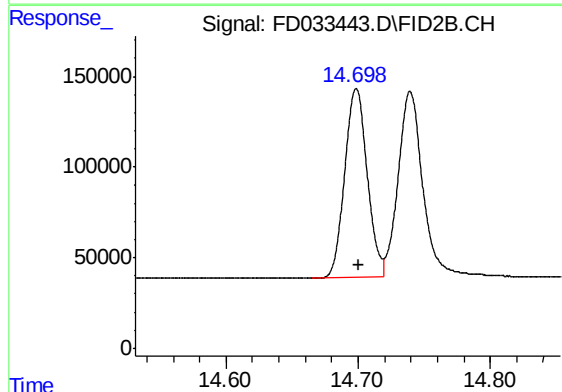
#12 Fluoranthene (C21.85)

R.T.: 12.530 min
Delta R.T.: -0.001 min
Response: 1311600
Conc: 9.73 ug/ml



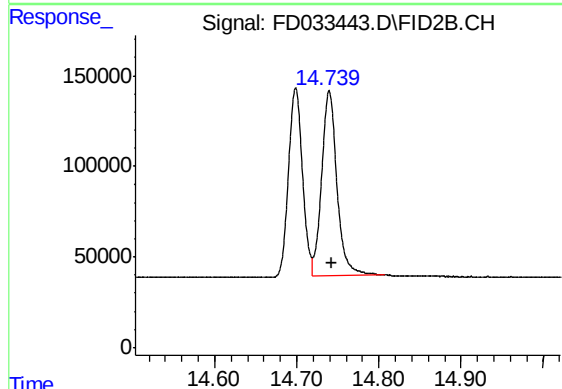
#13 Pyrene (C20.8)

R.T.: 12.826 min
Delta R.T.: -0.002 min
Response: 1308287
Conc: 9.79 ug/ml



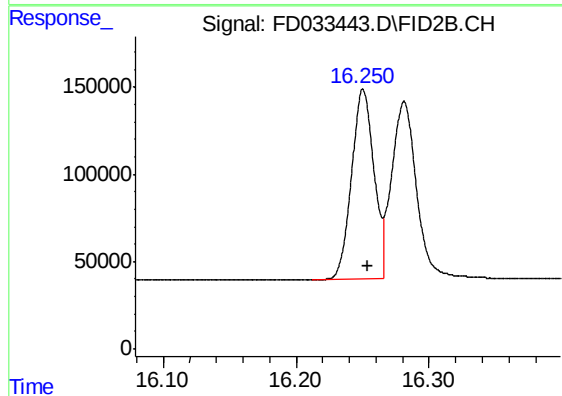
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: -0.002 min
Response: 1235170
Conc: 9.64 ug/ml



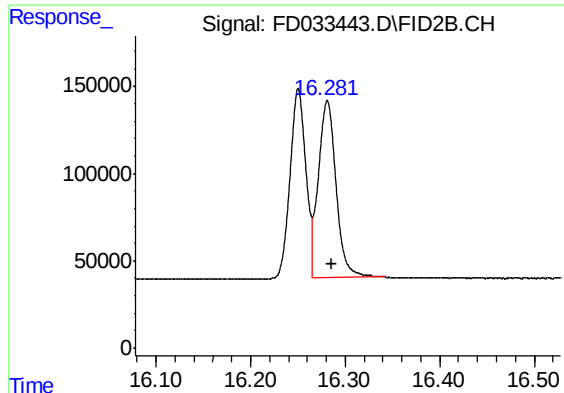
#15 Chrysene (C27.41)

R.T.: 14.739 min
Delta R.T.: -0.003 min
Response: 1328440
Conc: 9.98 ug/ml



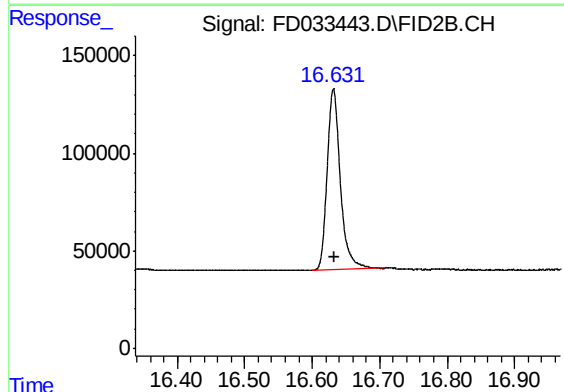
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.250 min
Delta R.T.: -0.004 min
Response: 1267809
Conc: 9.79 ug/ml



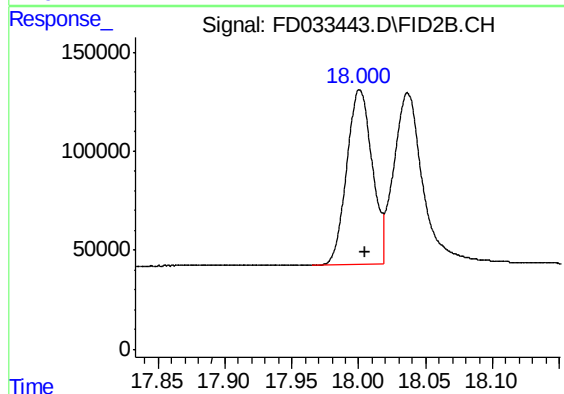
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.281 min
Delta R.T.: -0.004 min
Response: 1327298
Conc: 10.01 ug/ml



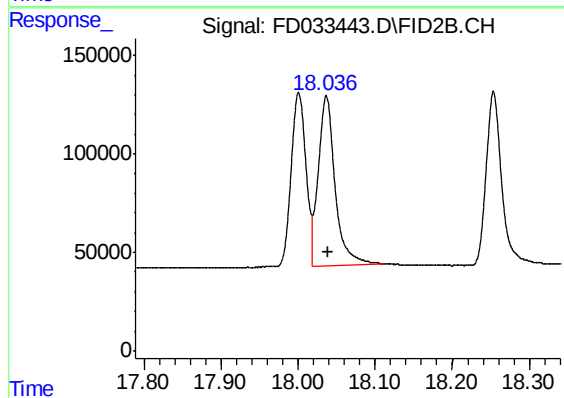
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.631 min
Delta R.T.: -0.002 min
Response: 1262562
Conc: 9.80 ug/ml



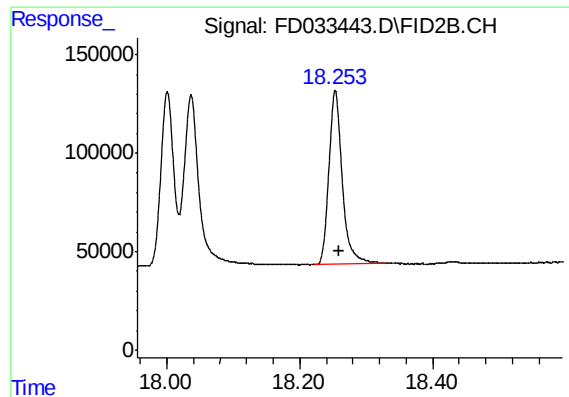
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.001 min
Delta R.T.: -0.004 min
Response: 1160709
Conc: 9.47 ug/ml



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

R.T.: 18.037 min
Delta R.T.: -0.002 min
Response: 1304251
Conc: 10.03 ug/ml



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

R.T.: 18.254 min
Delta R.T.: -0.005 min
Response: 1232182
Conc: 9.83 ug/ml