

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062220AR\
 Data File : FD033745.D
 Signal(s) : FID2B.CH
 Acq On : 22 Jun 2020 12:54
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 23 02:38:27 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:50:25 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...	7.565	2342487	21.193 ug/ml
Spiked Amount 50.000		Recovery =	42.39%
6) S 2-Fluorobiphenyl (SURR)	8.428	1573698	21.202 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.40%
11) S ortho-Terphenyl (SURR)	11.455	2829941	20.376 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.374	2673125	21.218 ug/ml
2) T Naphthalene (C11.7)	5.908	2657551	21.142 ug/ml
3) T 2-Methylnaphthalene (...)	6.957	2705966	21.211 ug/ml
5) T Acenaphthylene (C15.06)	8.228	2704768	20.995 ug/ml
7) T Acenaphthene (C15.5)	8.521	2827362	21.130 ug/ml
8) T Fluorene (C16.55)	9.302	2636868	20.982 ug/ml
9) T Phenanthrene (C19.36)	10.696	2673925	20.827 ug/ml
10) T Anthracene (C19.43)	10.772	2597149	20.548 ug/ml
12) T Fluoranthene (C21.85)	12.505	2667627	20.258 ug/ml
13) T Pyrene (C20.8)	12.801	2652010	20.649 ug/ml
14) T Benzo[a]anthracene (C...	14.674	2375801	20.006 ug/ml
15) T Chrysene (C27.41)	14.715	2558390	19.321 ug/ml
16) T benzo[b]fluoranthene ...	16.227	2290409	19.350 ug/ml
17) T Bnezo[k]fluoranthene ...	16.258	2405878	18.831 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.608	2286528	19.064 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	1968906	18.898 ug/ml
20) T Dibenz[a,h]anthracene...	18.011	2317302	18.903 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	2139742	18.995 ug/ml

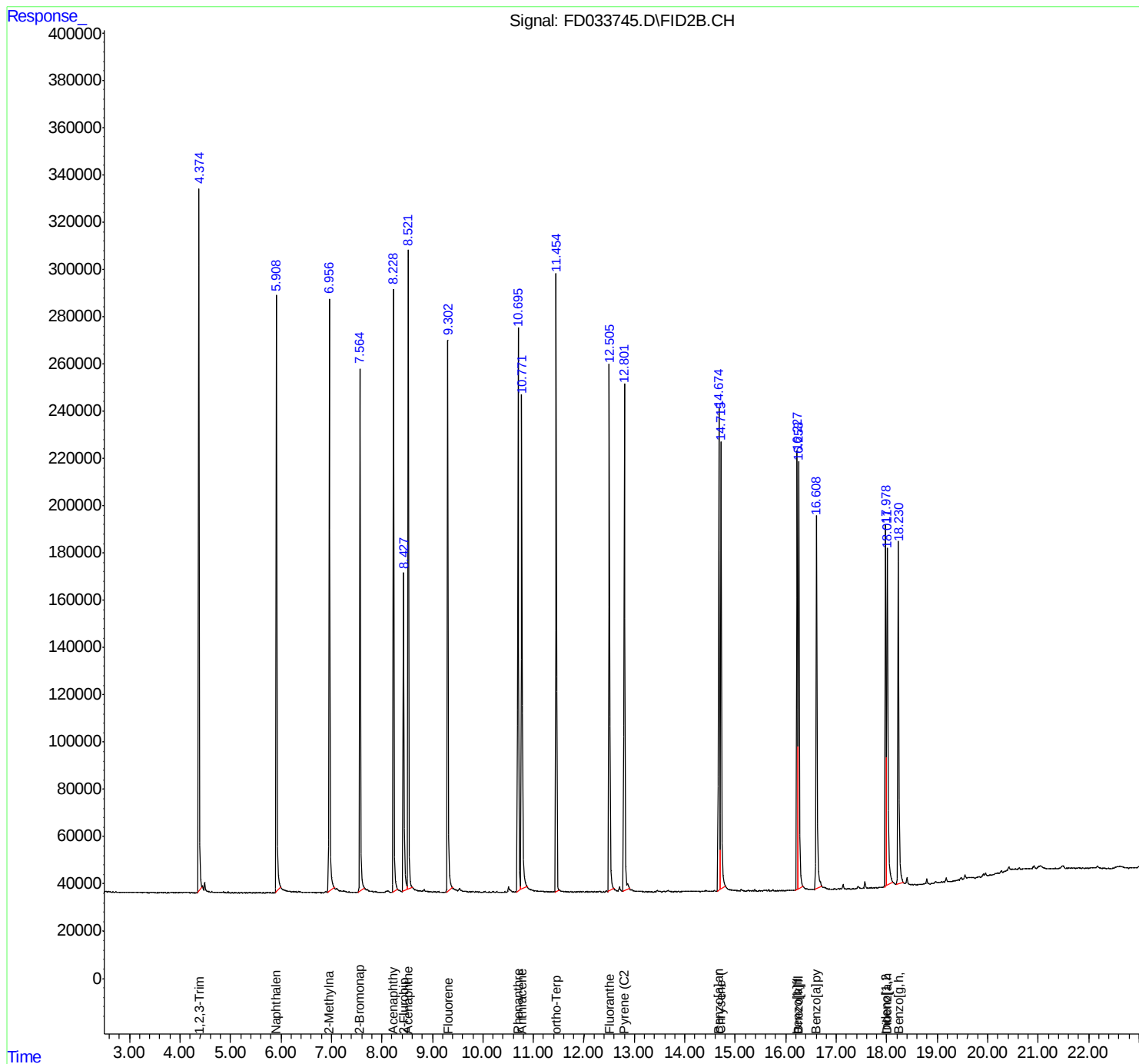
(f)=RT Delta > 1/2 Window

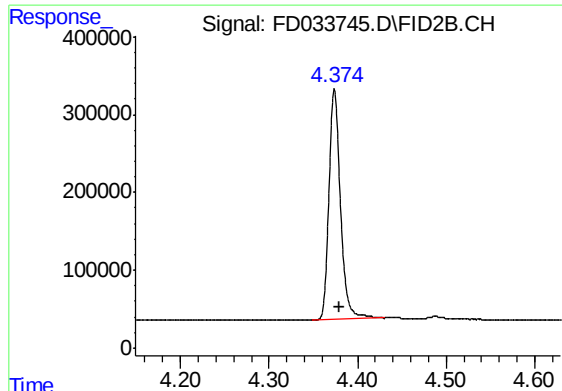
(m)=manual int.

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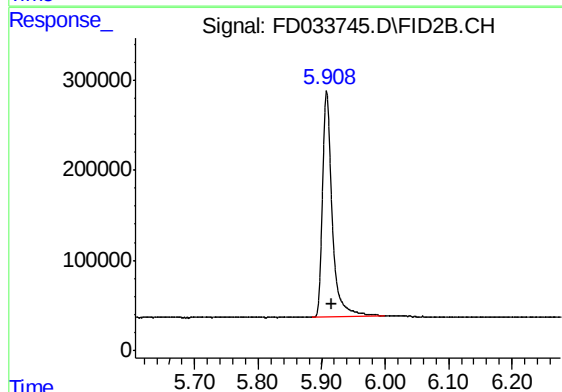
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Signal Info : 20M x 0.18mm x 0.18µm





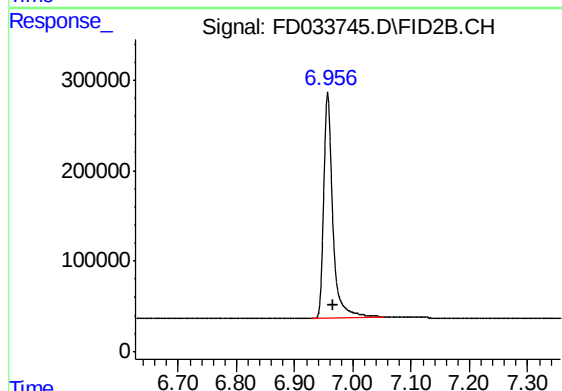
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.374 min
Delta R.T.: -0.005 min
Response: 2673125
Conc: 21.22 ug/ml



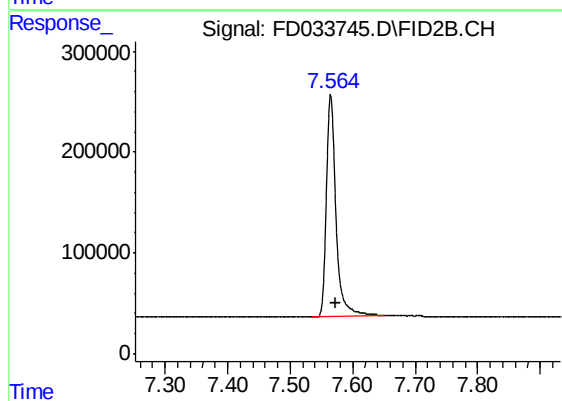
#2 Naphthalene (C11.7)

R.T.: 5.908 min
Delta R.T.: -0.009 min
Response: 2657551
Conc: 21.14 ug/ml



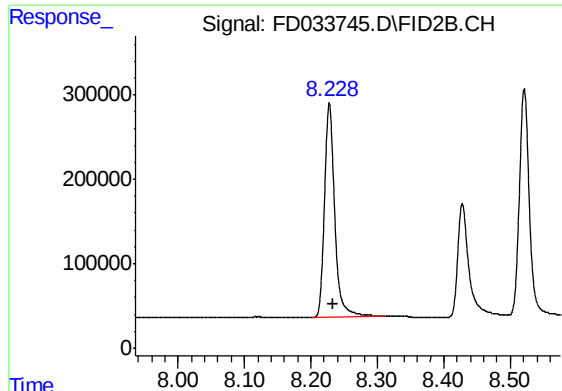
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.957 min
Delta R.T.: -0.008 min
Response: 2705966
Conc: 21.21 ug/ml



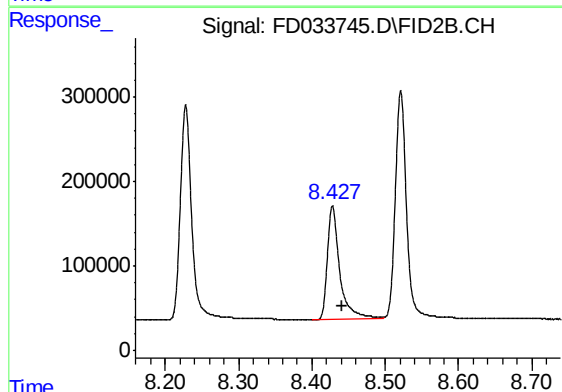
#4 2-Bromonaphthalene (SURR)

R.T.: 7.565 min
Delta R.T.: -0.007 min
Response: 2342487
Conc: 21.19 ug/ml



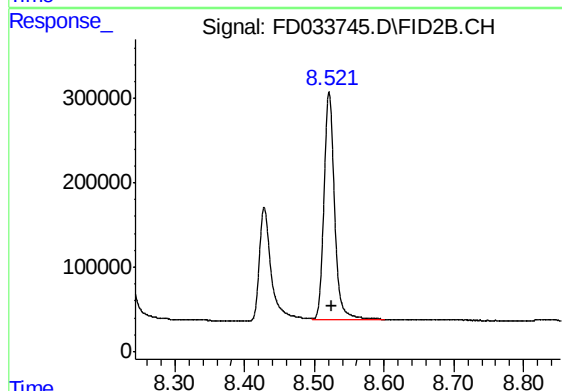
#5 Acenaphthylene (C15.06)

R.T.: 8.228 min
Delta R.T.: -0.006 min
Response: 2704768
Conc: 20.99 ug/ml



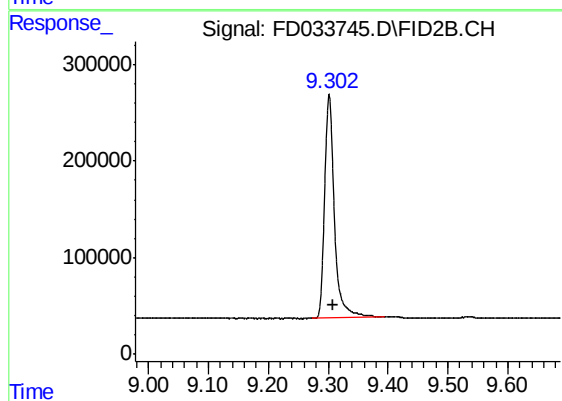
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.428 min
Delta R.T.: -0.014 min
Response: 1573698
Conc: 21.20 ug/ml



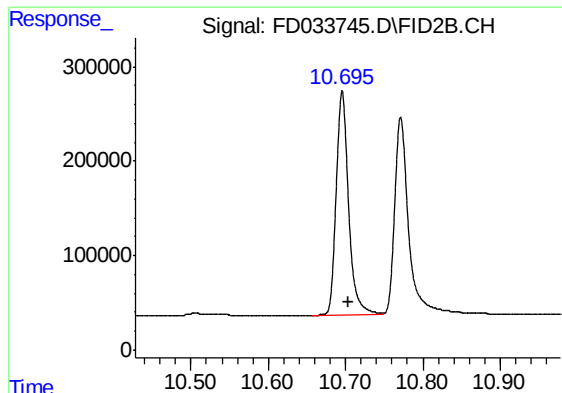
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: -0.004 min
Response: 2827362
Conc: 21.13 ug/ml



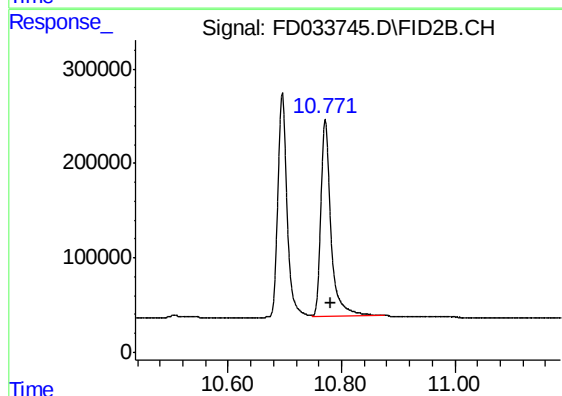
#8 Flouorene (C16.55)

R.T.: 9.302 min
Delta R.T.: -0.008 min
Response: 2636868
Conc: 20.98 ug/ml



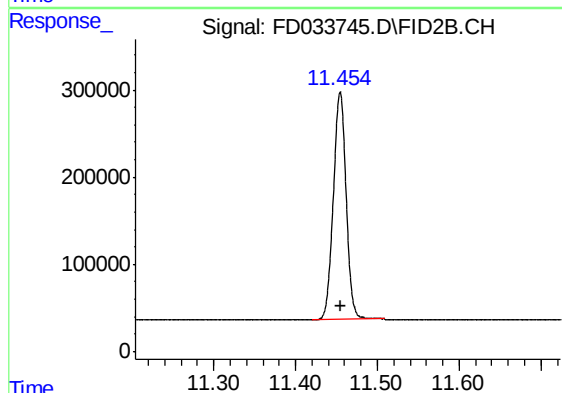
#9 Phenanthrene (C19.36)

R.T.: 10.696 min
Delta R.T.: -0.008 min
Response: 2673925
Conc: 20.83 ug/ml



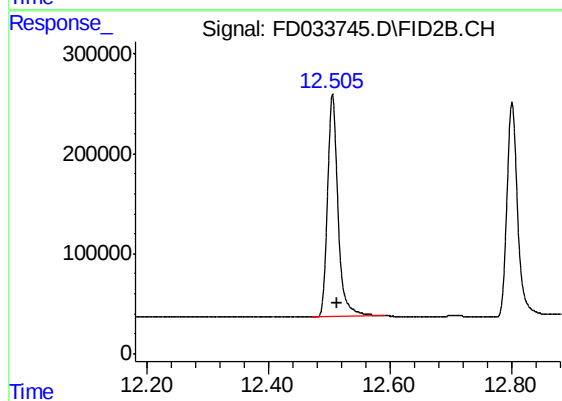
#10 Anthracene (C19.43)

R.T.: 10.772 min
Delta R.T.: -0.010 min
Response: 2597149
Conc: 20.55 ug/ml



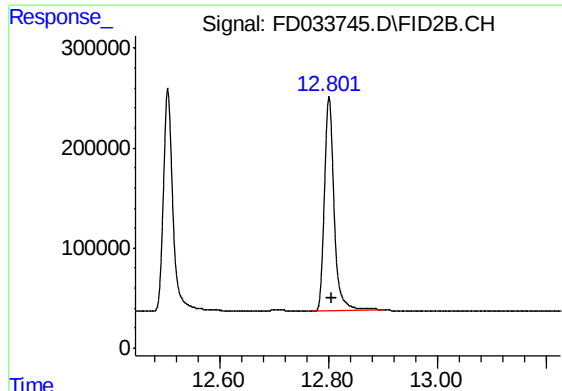
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.001 min
Response: 2829941
Conc: 20.38 ug/ml



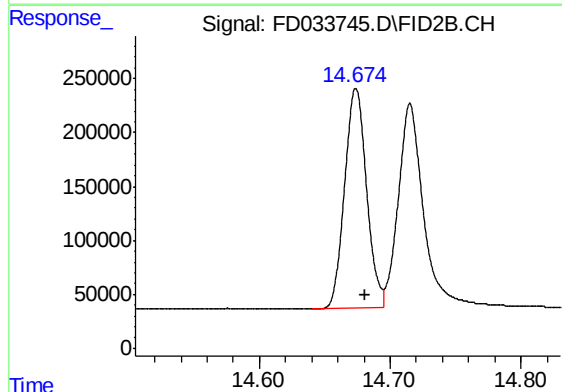
#12 Fluoranthene (C21.85)

R.T.: 12.505 min
Delta R.T.: -0.006 min
Response: 2667627
Conc: 20.26 ug/ml



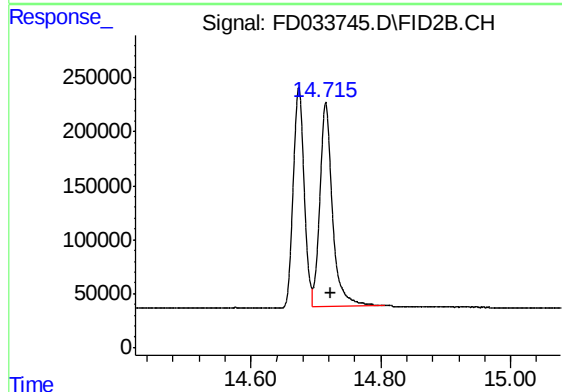
#13 Pyrene (C20.8)

R.T.: 12.801 min
Delta R.T.: -0.006 min
Response: 2652010
Conc: 20.65 ug/ml



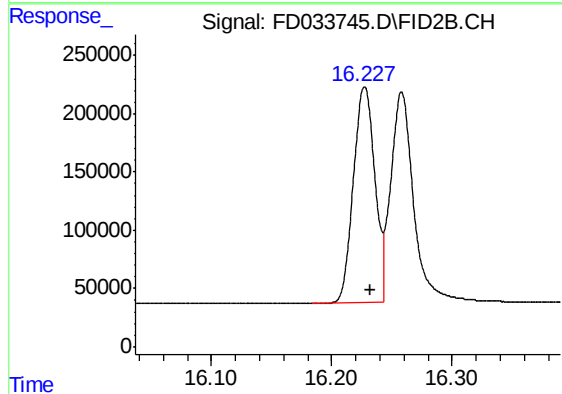
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.674 min
Delta R.T.: -0.007 min
Response: 2375801
Conc: 20.01 ug/ml



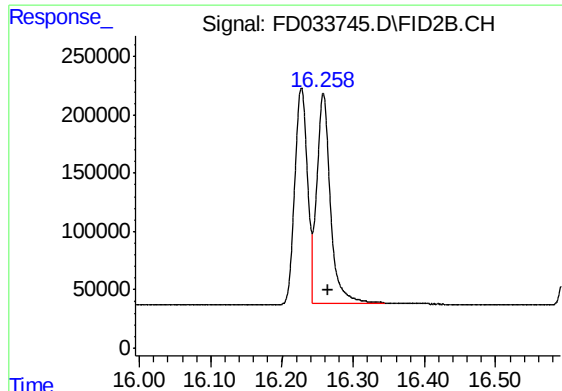
#15 Chrysene (C27.41)

R.T.: 14.715 min
Delta R.T.: -0.007 min
Response: 2558390
Conc: 19.32 ug/ml



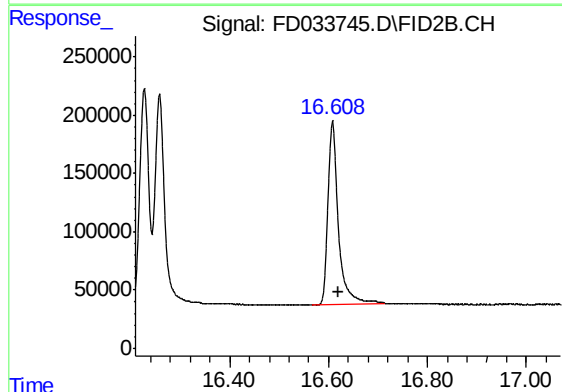
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.227 min
Delta R.T.: -0.004 min
Response: 2290409
Conc: 19.35 ug/ml



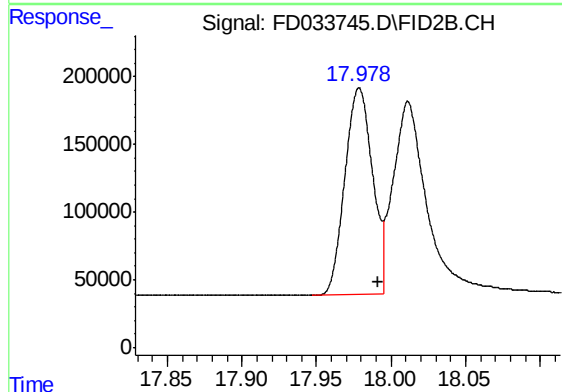
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.258 min
Delta R.T.: -0.006 min
Response: 2405878
Conc: 18.83 ug/ml



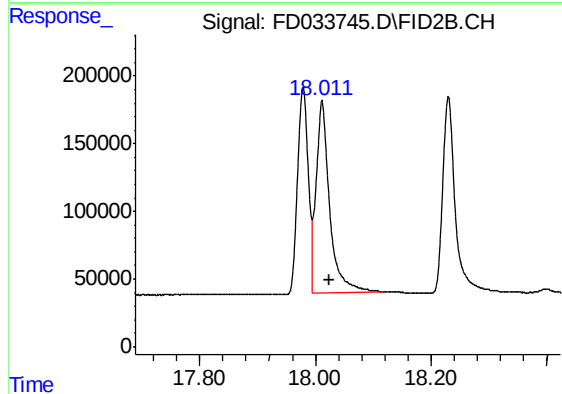
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.608 min
Delta R.T.: -0.011 min
Response: 2286528
Conc: 19.06 ug/ml



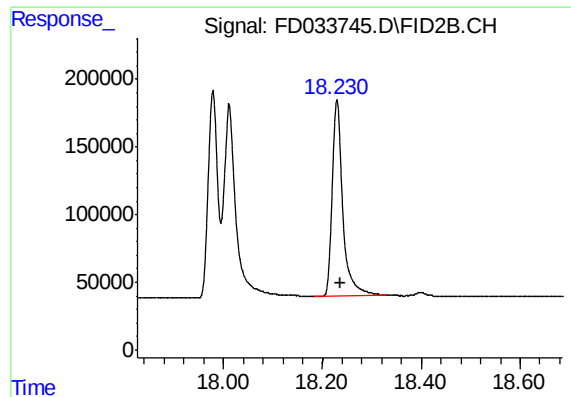
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.979 min
Delta R.T.: -0.012 min
Response: 1968906
Conc: 18.90 ug/ml



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

R.T.: 18.011 min
Delta R.T.: -0.013 min
Response: 2317302
Conc: 18.90 ug/ml



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

R.T.: 18.230 min
Delta R.T.: -0.008 min
Response: 2139742
Conc: 19.00 ug/ml