

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120718AR\
 Data File : FD026789.D
 Signal(s) : FID2B.CH
 Acq On : 08 Dec 2018 8:03
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 03:48:59 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120718.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 08 06:21:56 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...	7.381	1778433	21.594 ug/ml
Spiked Amount 50.000		Recovery =	43.19%
6) S 2-Fluorobiphenyl (SURR)	8.231	1221592	21.620 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.24%
11) S ortho-Terphenyl (SURR)	11.275	2079766	21.944 ug/ml
Spiked Amount 50.000		Recovery =	43.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	1864144	21.114 ug/ml
2) T Naphthalene (C11.7)	5.716	2033255	21.361 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	2019667	21.472 ug/ml
5) T Acenaphthylene (C15.06)	8.035	1961345	21.502 ug/ml
7) T Acenaphthene (C15.5)	8.330	2052762	21.489 ug/ml
8) T Flouorene (C16.55)	9.109	2045237	21.556 ug/ml
9) T Phenanthrene (C19.36)	10.498	2065036	21.685 ug/ml
10) T Anthracene (C19.43)	10.572	2056777	21.769 ug/ml
12) T Fluoranthene (C21.85)	12.304	2114427	21.924 ug/ml
13) T Pyrene (C20.8)	12.598	2130917	22.042 ug/ml
14) T Benzo[a]anthracene (C...	14.468	2117709	22.479 ug/ml
15) T Chrysene (C27.41)	14.509	2128461	22.504 ug/ml
16) T benzo[b]fluoranthene ...	16.013	2222736	22.323 ug/ml
17) T Bnezo[k]fluoranthene ...	16.046	2231746	22.526 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.390	2218144	22.139 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.752	2227772	20.965 ug/ml
20) T Dibenz[a,h]anthracene...	17.794	2184151	21.658 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	2246897	21.393 ug/ml

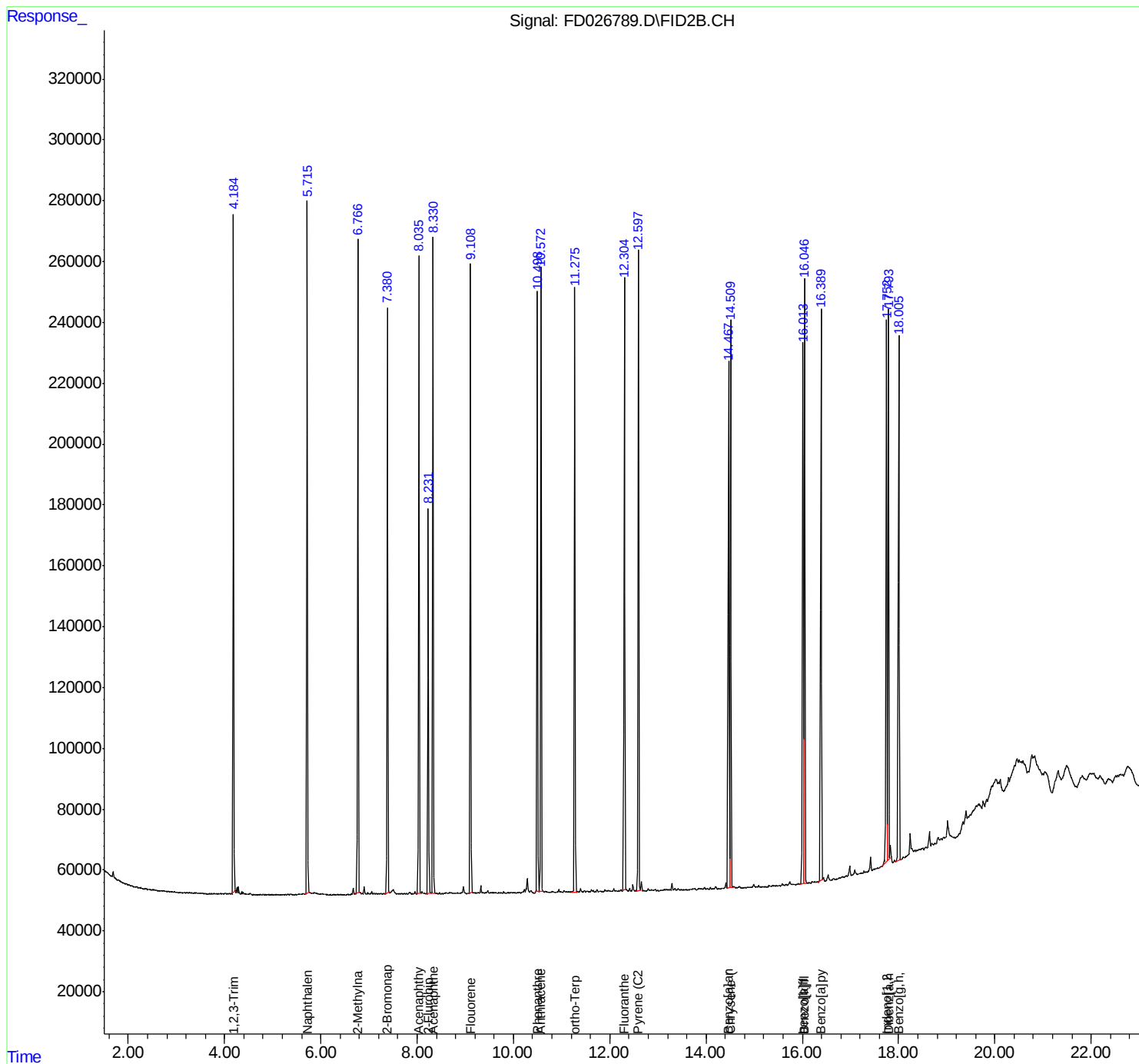
(f)=RT Delta > 1/2 Window

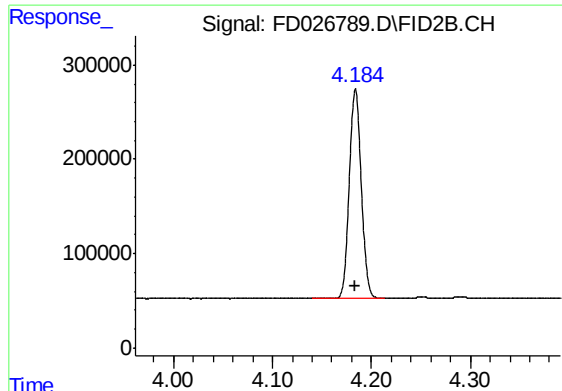
(m)=manual int.

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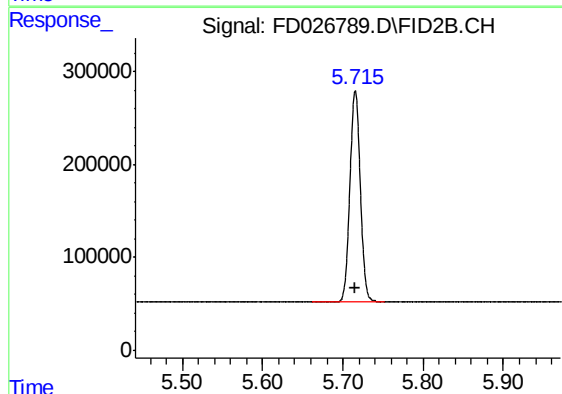
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Signal Info : 20M x 0.18mm x 0.18µm





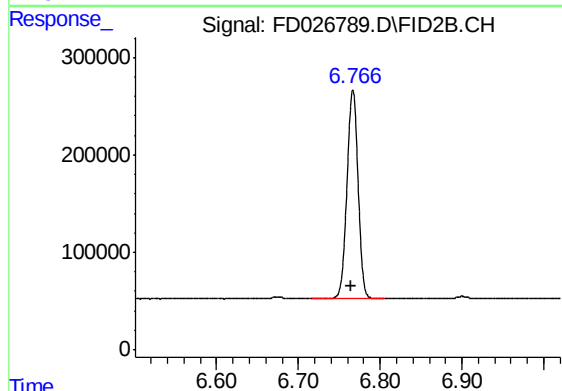
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.184 min
Delta R.T.: 0.000 min
Response: 1864144
Conc: 21.11 ug/ml



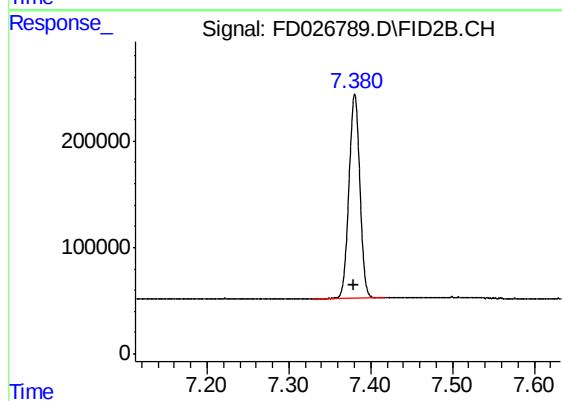
#2 Naphthalene (C11.7)

R.T.: 5.716 min
Delta R.T.: 0.001 min
Response: 2033255
Conc: 21.36 ug/ml



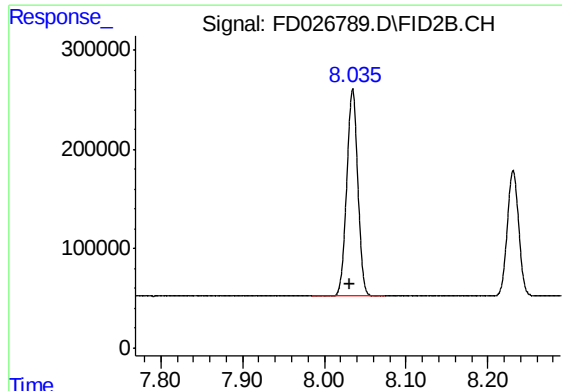
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: 0.003 min
Response: 2019667
Conc: 21.47 ug/ml



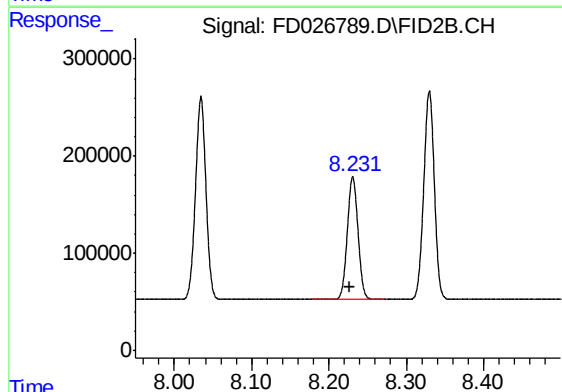
#4 2-Bromonaphthalene (SURR)

R.T.: 7.381 min
Delta R.T.: 0.002 min
Response: 1778433
Conc: 21.59 ug/ml



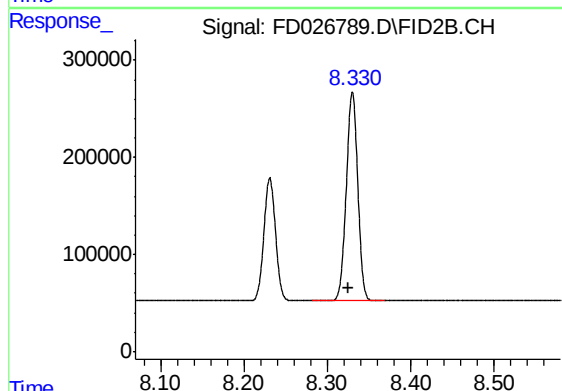
#5 Acenaphthylene (C15.06)

R.T.: 8.035 min
Delta R.T.: 0.003 min
Response: 1961345
Conc: 21.50 ug/ml



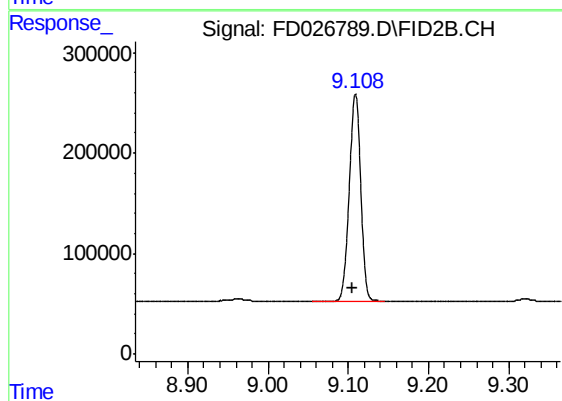
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: 0.003 min
Response: 1221592
Conc: 21.62 ug/ml



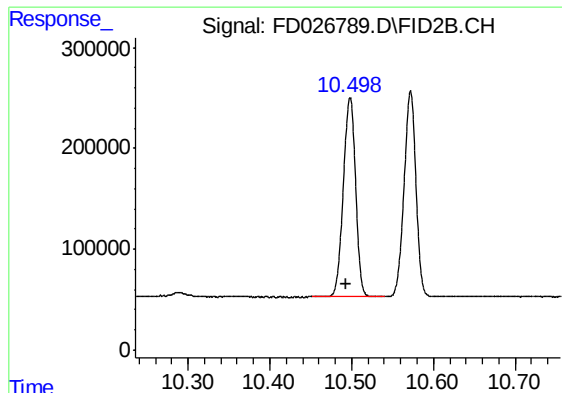
#7 Acenaphthene (C15.5)

R.T.: 8.330 min
Delta R.T.: 0.004 min
Response: 2052762
Conc: 21.49 ug/ml



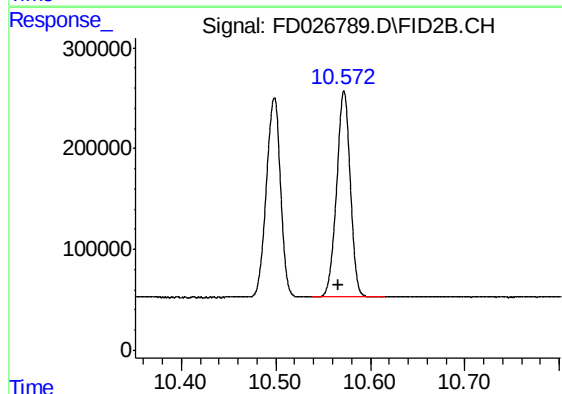
#8 Flouorene (C16.55)

R.T.: 9.109 min
Delta R.T.: 0.004 min
Response: 2045237
Conc: 21.56 ug/ml



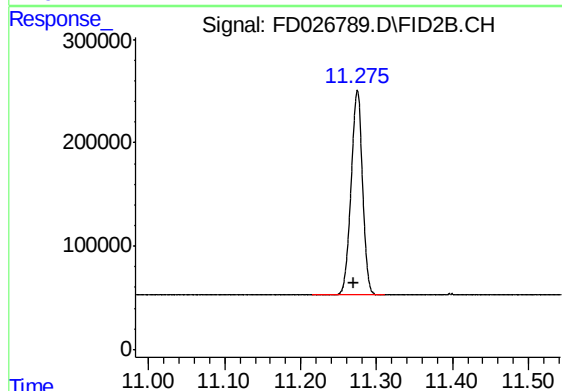
#9 Phenanthrene (C19.36)

R.T.: 10.498 min
Delta R.T.: 0.006 min
Response: 2065036
Conc: 21.68 ug/ml



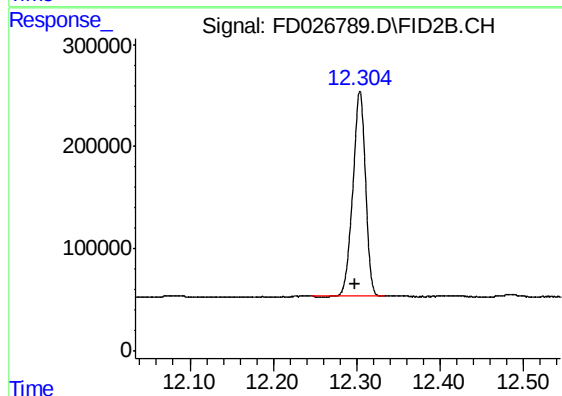
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: 0.006 min
Response: 2056777
Conc: 21.77 ug/ml



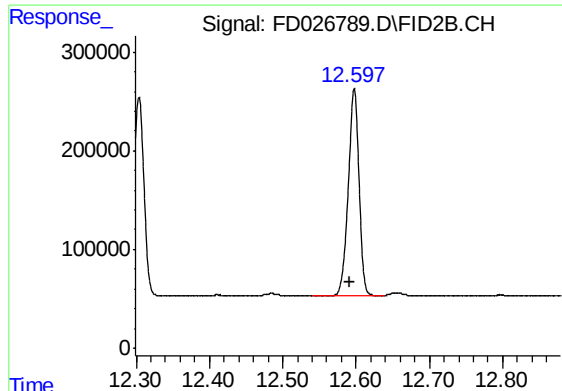
#11 ortho-Terphenyl (SURR)

R.T.: 11.275 min
Delta R.T.: 0.004 min
Response: 2079766
Conc: 21.94 ug/ml



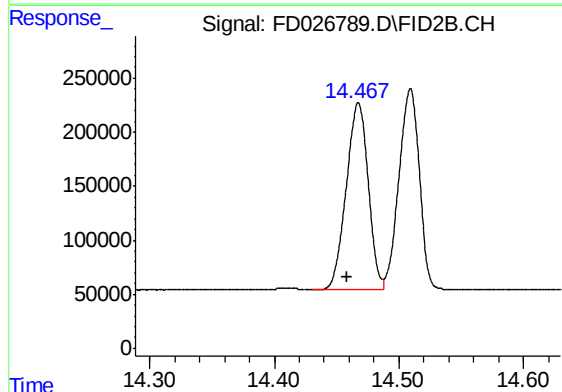
#12 Fluoranthene (C21.85)

R.T.: 12.304 min
Delta R.T.: 0.007 min
Response: 2114427
Conc: 21.92 ug/ml



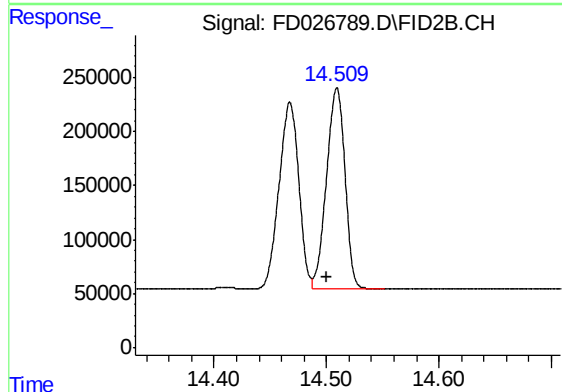
#13 Pyrene (C20.8)

R.T.: 12.598 min
Delta R.T.: 0.007 min
Response: 2130917
Conc: 22.04 ug/ml



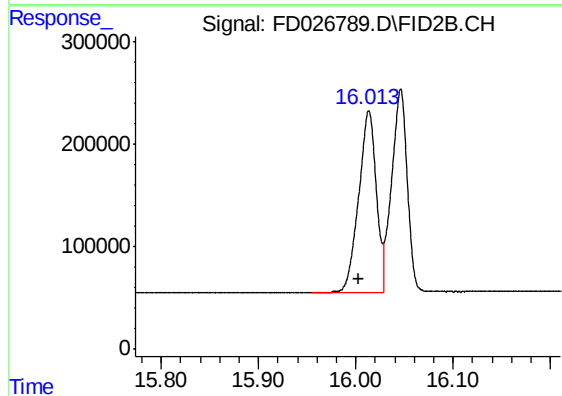
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.468 min
Delta R.T.: 0.009 min
Response: 2117709
Conc: 22.48 ug/ml



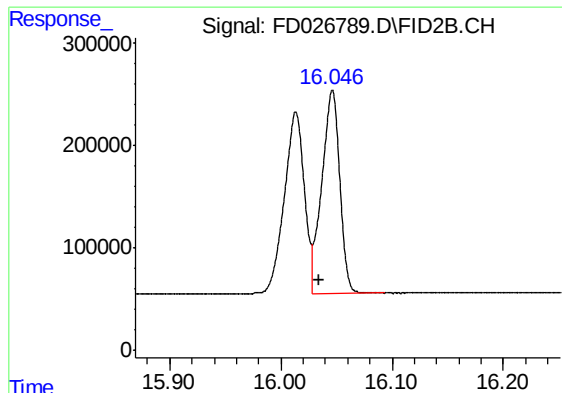
#15 Chrysene (C27.41)

R.T.: 14.509 min
Delta R.T.: 0.009 min
Response: 2128461
Conc: 22.50 ug/ml



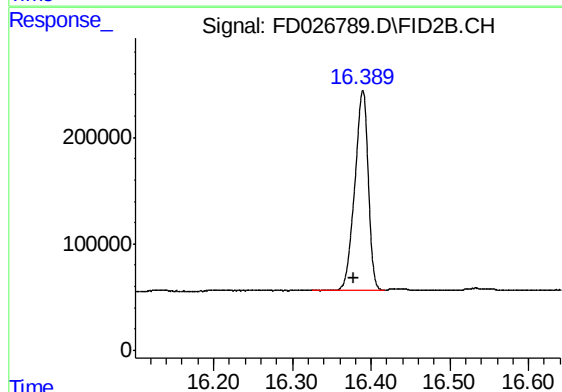
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.013 min
Delta R.T.: 0.011 min
Response: 2222736
Conc: 22.32 ug/ml



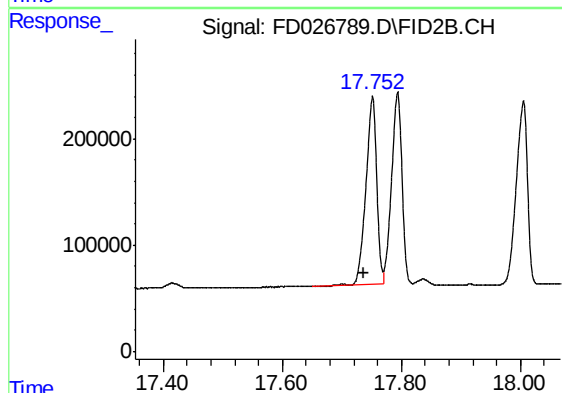
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.046 min
Delta R.T.: 0.012 min
Response: 2231746
Conc: 22.53 ug/ml



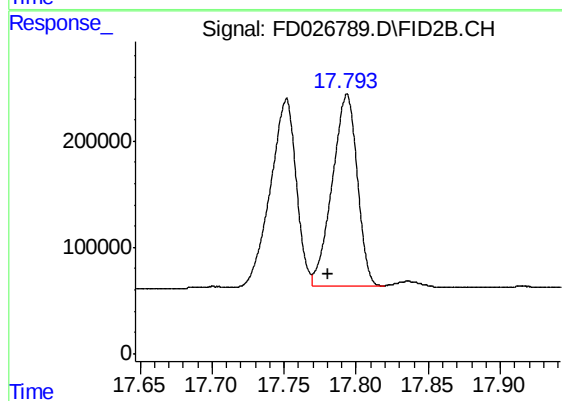
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.390 min
Delta R.T.: 0.013 min
Response: 2218144
Conc: 22.14 ug/ml



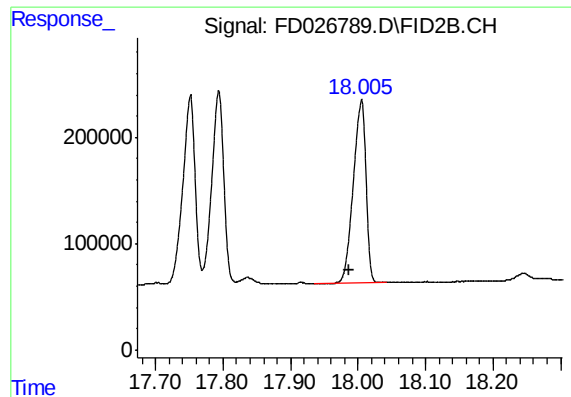
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min
Delta R.T.: 0.015 min
Response: 2227772
Conc: 20.96 ug/ml



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

R.T.: 17.794 min
Delta R.T.: 0.013 min
Response: 2184151
Conc: 21.66 ug/ml



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

R.T.: 18.005 min
Delta R.T.: 0.018 min
Response: 2246897
Conc: 21.39 ug/ml