

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120318AR\
 Data File : FD026703.D
 Signal(s) : FID2B.CH
 Acq On : 03 Dec 2018 10:43
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 04 04:16:36 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 08 18:15:51 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	1364465	17.971 ug/ml
Spiked Amount 50.000		Recovery =	35.94%
6) S 2-Fluorobiphenyl (SURR)	8.231	947739	18.125 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.25%
11) S ortho-Terphenyl (SURR)	11.277	1562339	18.432 ug/ml
Spiked Amount 50.000		Recovery =	36.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.185	1587189	19.884 ug/ml
2) T Naphthalene (C11.7)	5.715	1656467	18.875 ug/ml
3) T 2-Methylnaphthalene (...)	6.766	1599020	18.449 ug/ml
5) T Acenaphthylene (C15.06)	8.035	1552671	18.318 ug/ml
7) T Acenaphthene (C15.5)	8.330	1616271	18.281 ug/ml
8) T Fluorene (C16.55)	9.109	1586603	18.003 ug/ml
9) T Phenanthrene (C19.36)	10.499	1623611	18.494 ug/ml
10) T Anthracene (C19.43)	10.572	1613080	18.424 ug/ml
12) T Fluoranthene (C21.85)	12.305	1730207	19.867 ug/ml
13) T Pyrene (C20.8)	12.598	1767629	20.394 ug/ml
14) T Benzo[a]anthracene (C...	14.468	1766537	20.774 ug/ml
15) T Chrysene (C27.41)	14.510	1800863	21.014 ug/ml
16) T benzo[b]fluoranthene ...	16.015	1915708	20.579 ug/ml
17) T Bnezo[k]fluoranthene ...	16.047	1908360	20.608 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.390	1898264	20.112 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.752	1849673	19.262 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	1712786	18.247 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	1924710	19.578 ug/ml

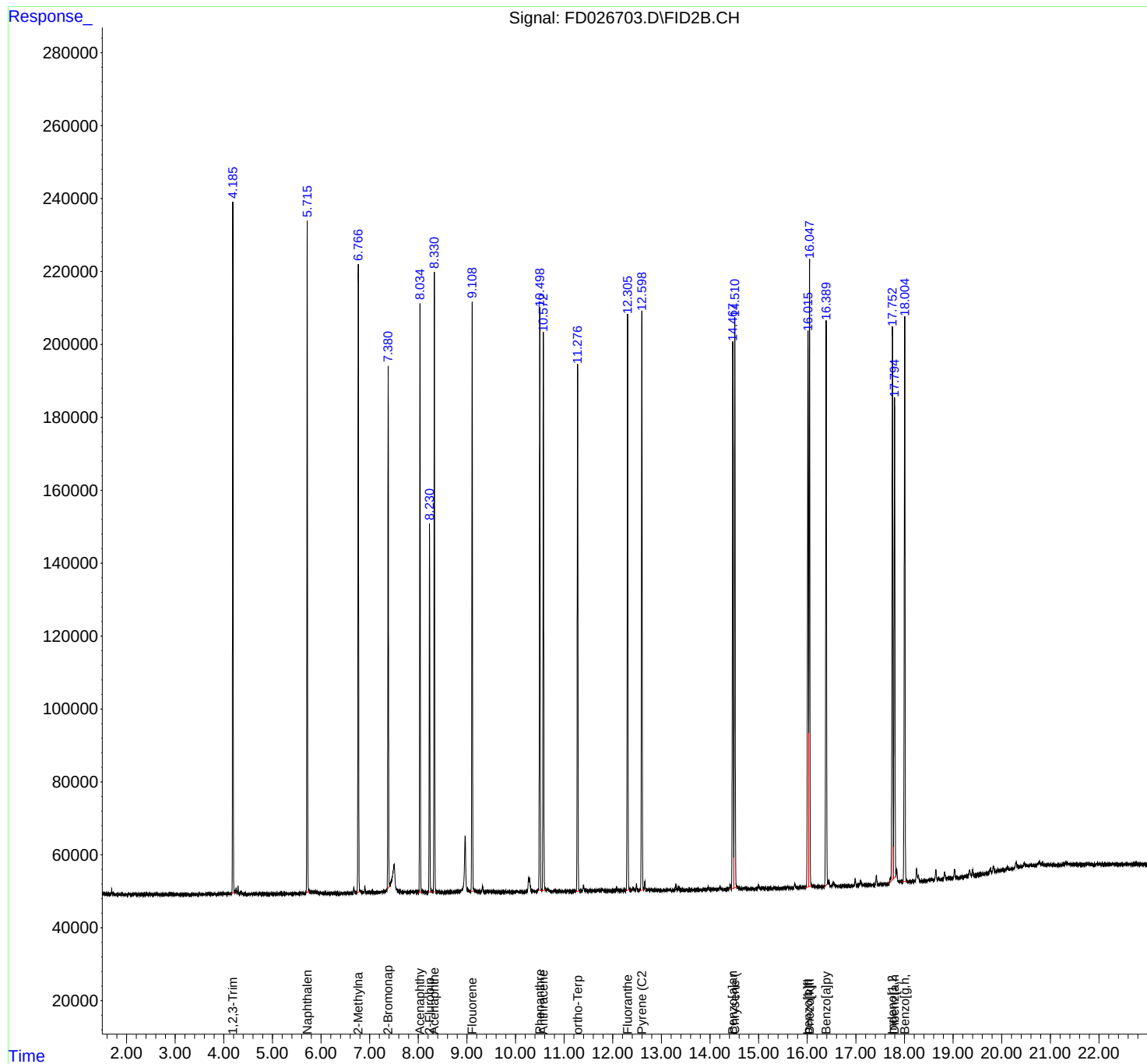
(f)=RT Delta > 1/2 Window

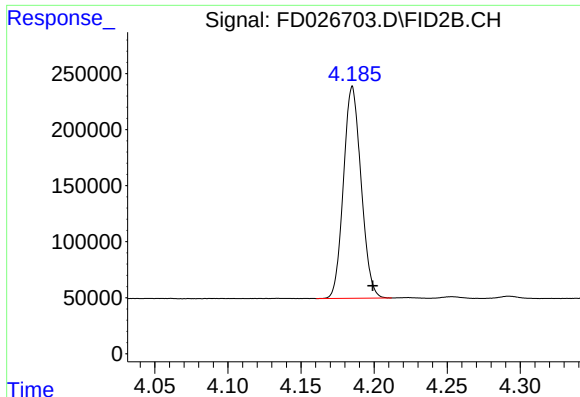
(m)=manual int.

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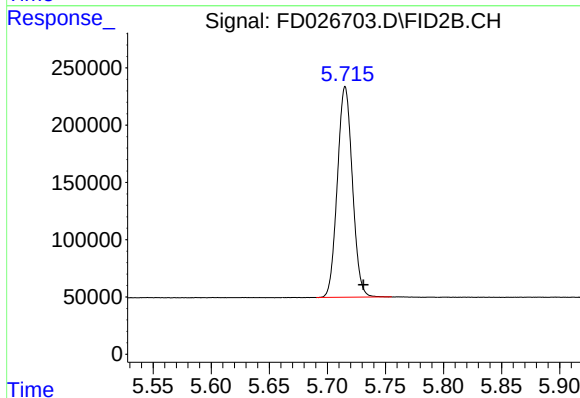
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Signal Info : 20M x 0.18mm x 0.18µm





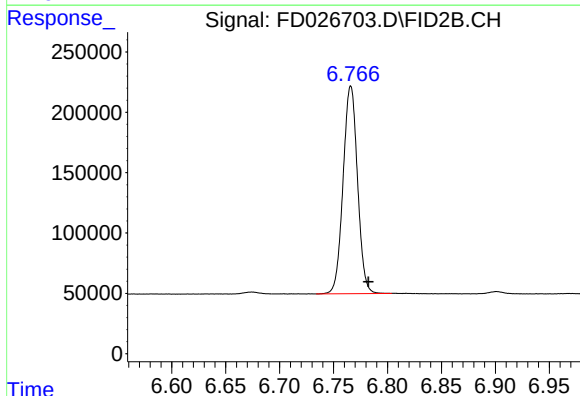
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.185 min
Delta R.T.: -0.014 min
Response: 1587189
Conc: 19.88 ug/ml



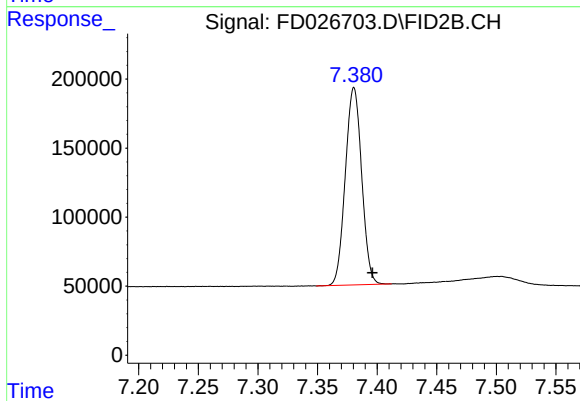
#2 Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: -0.016 min
Response: 1656467
Conc: 18.87 ug/ml



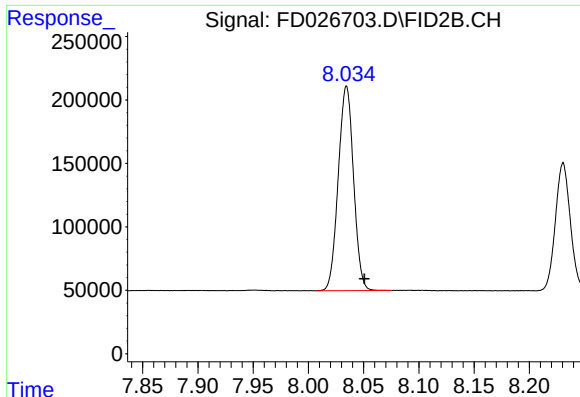
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.766 min
Delta R.T.: -0.016 min
Response: 1599020
Conc: 18.45 ug/ml



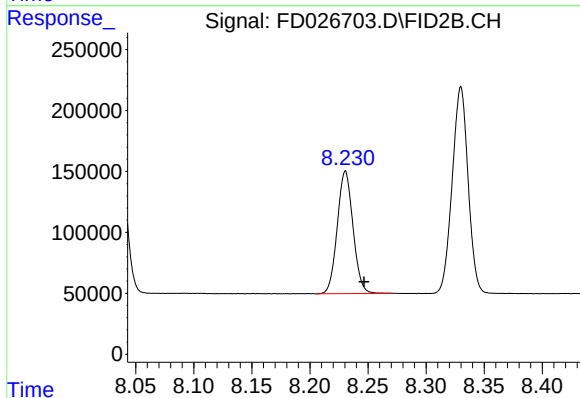
#4 2-Bromonaphthalene (SURR)

R.T.: 7.381 min
Delta R.T.: -0.015 min
Response: 1364465
Conc: 17.97 ug/ml



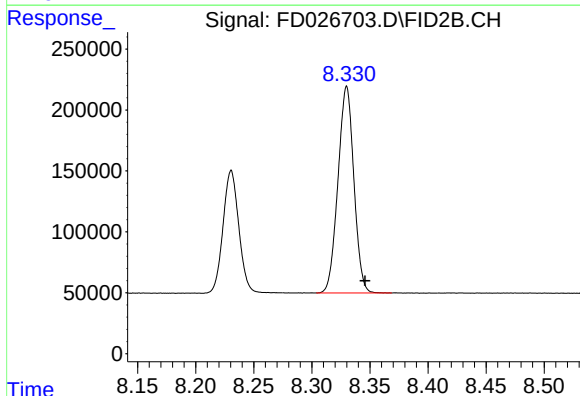
#5 Acenaphthylene (C15.06)

R.T.: 8.035 min
Delta R.T.: -0.016 min
Response: 1552671
Conc: 18.32 ug/ml



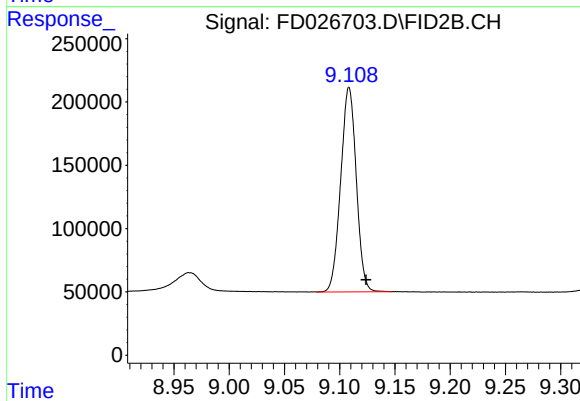
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.016 min
Response: 947739
Conc: 18.12 ug/ml



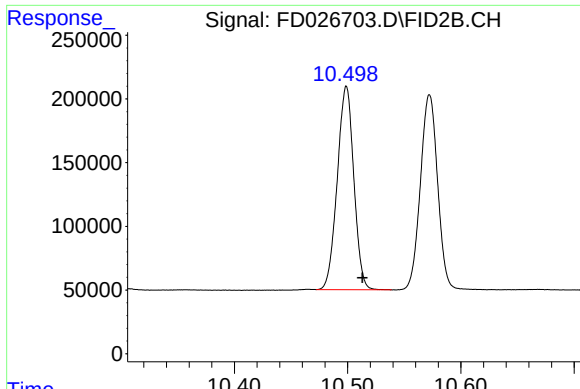
#7 Acenaphthene (C15.5)

R.T.: 8.330 min
Delta R.T.: -0.016 min
Response: 1616271
Conc: 18.28 ug/ml



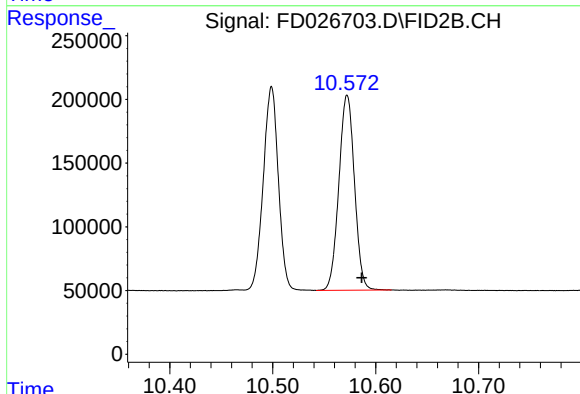
#8 Fluorene (C16.55)

R.T.: 9.109 min
Delta R.T.: -0.015 min
Response: 1586603
Conc: 18.00 ug/ml



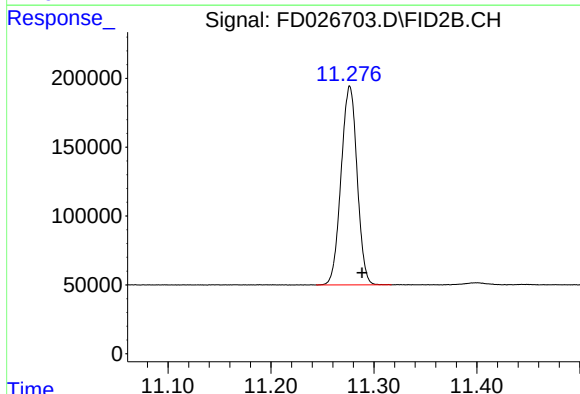
#9 Phenanthrene (C19.36)

R.T.: 10.499 min
Delta R.T.: -0.014 min
Response: 1623611
Conc: 18.49 ug/ml



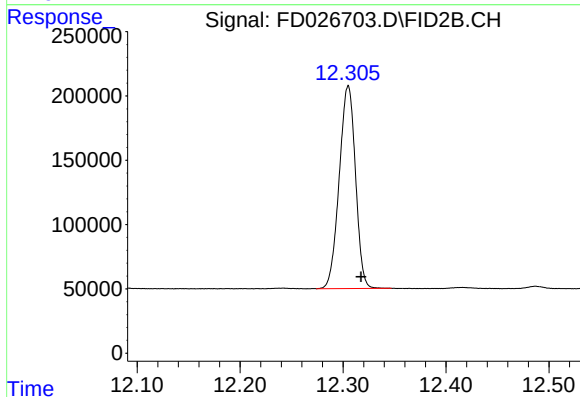
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: -0.014 min
Response: 1613080
Conc: 18.42 ug/ml



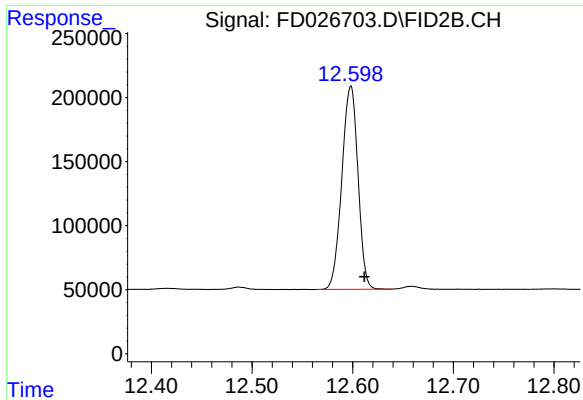
#11 ortho-Terphenyl (SURR)

R.T.: 11.277 min
Delta R.T.: -0.012 min
Response: 1562339
Conc: 18.43 ug/ml



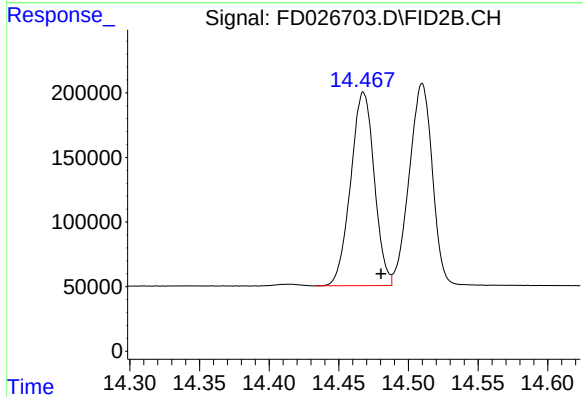
#12 Fluoranthene (C21.85)

R.T.: 12.305 min
Delta R.T.: -0.012 min
Response: 1730207
Conc: 19.87 ug/ml



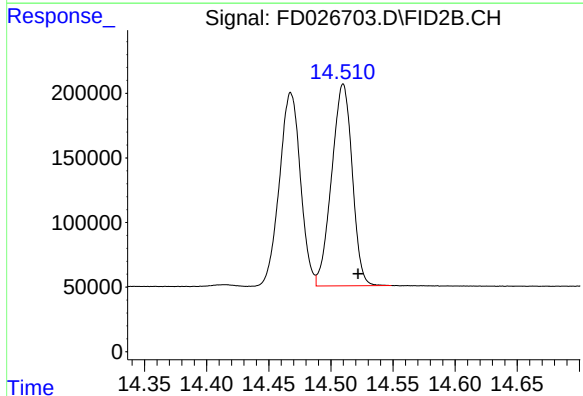
#13 Pyrene (C20.8)

R.T.: 12.598 min
Delta R.T.: -0.013 min
Response: 1767629
Conc: 20.39 ug/ml



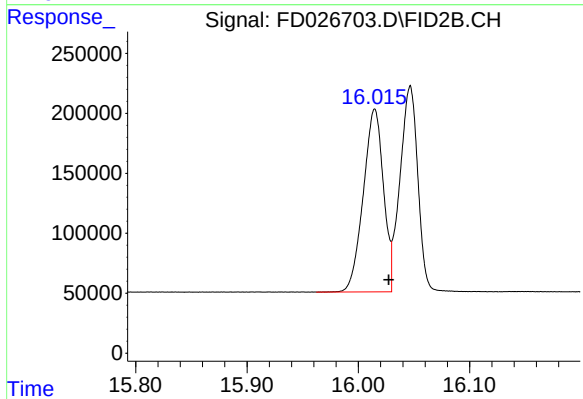
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.468 min
Delta R.T.: -0.013 min
Response: 1766537
Conc: 20.77 ug/ml



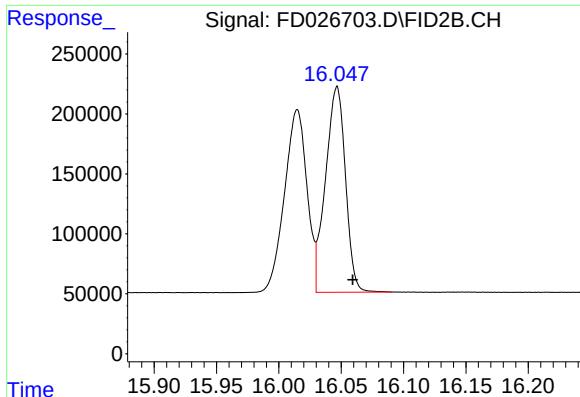
#15 Chrysene (C27.41)

R.T.: 14.510 min
Delta R.T.: -0.012 min
Response: 1800863
Conc: 21.01 ug/ml



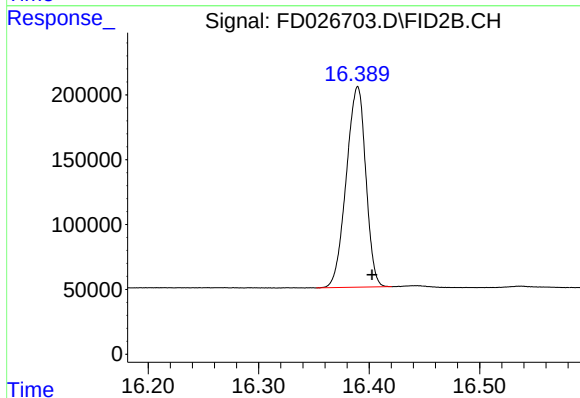
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.015 min
Delta R.T.: -0.013 min
Response: 1915708
Conc: 20.58 ug/ml



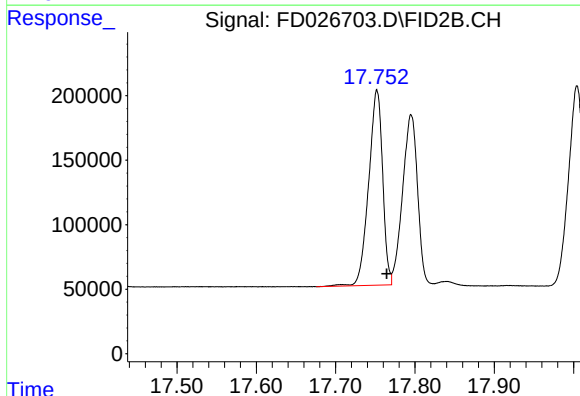
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.047 min
Delta R.T.: -0.012 min
Response: 1908360
Conc: 20.61 ug/ml



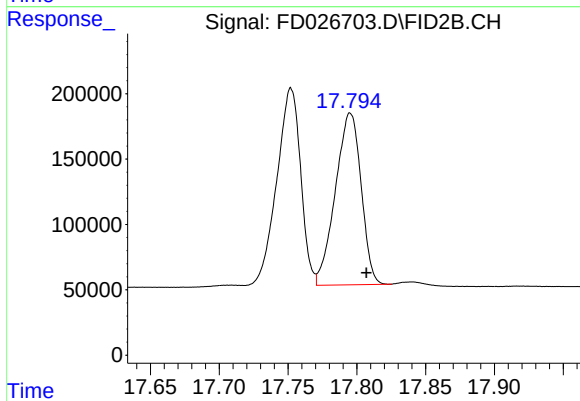
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.390 min
Delta R.T.: -0.013 min
Response: 1898264
Conc: 20.11 ug/ml



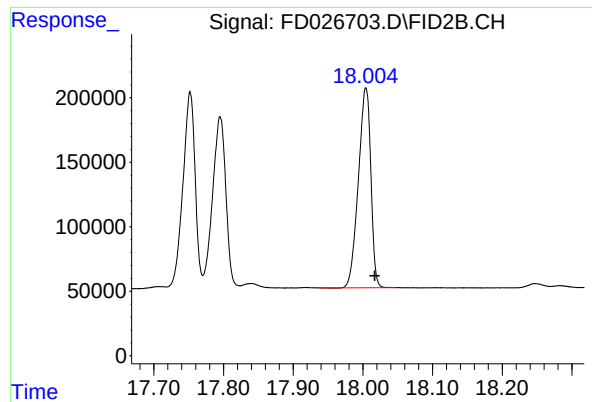
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.752 min
Delta R.T.: -0.012 min
Response: 1849673
Conc: 19.26 ug/ml



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

R.T.: 17.795 min
Delta R.T.: -0.012 min
Response: 1712786
Conc: 18.25 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.013 min
Response: 1924710
Conc: 19.58 ug/ml