

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111218AR\
 Data File : FD026561.D
 Signal(s) : FID2B.CH
 Acq On : 12 Nov 2018 9:26
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 13 02:04:13 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...	7.390	1343934	17.700 ug/ml
Spiked Amount 50.000		Recovery =	35.40%
6) S 2-Fluorobiphenyl (SURR)	8.240	950106	18.170 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.34%
11) S ortho-Terphenyl (SURR)	11.283	1637370	19.318 ug/ml
Spiked Amount 50.000		Recovery =	38.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.194	1459318	18.282 ug/ml
2) T Naphthalene (C11.7)	5.726	1578663	17.988 ug/ml
3) T 2-Methylnaphthalene (...)	6.776	1551395	17.899 ug/ml
5) T Acenaphthylene (C15.06)	8.044	1528228	18.030 ug/ml
7) T Acenaphthene (C15.5)	8.339	1600727	18.105 ug/ml
8) T Fluorene (C16.55)	9.118	1605766	18.220 ug/ml
9) T Phenanthrene (C19.36)	10.507	1685266	19.197 ug/ml
10) T Anthracene (C19.43)	10.580	1678451	19.171 ug/ml
12) T Fluoranthene (C21.85)	12.312	1818815	20.884 ug/ml
13) T Pyrene (C20.8)	12.605	1836672	21.190 ug/ml
14) T Benzo[a]anthracene (C...	14.474	1810138	21.286 ug/ml
15) T Chrysene (C27.41)	14.515	1827407	21.324 ug/ml
16) T benzo[b]fluoranthene ...	16.019	1842300	19.790 ug/ml
17) T Bnezo[k]fluoranthene ...	16.051	1864078	20.130 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.393	1824212	19.327 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.755	1723621	17.949 ug/ml
20) T Dibenz[a,h]anthracene...	17.798	1686082	17.962 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	1777874	18.084 ug/ml

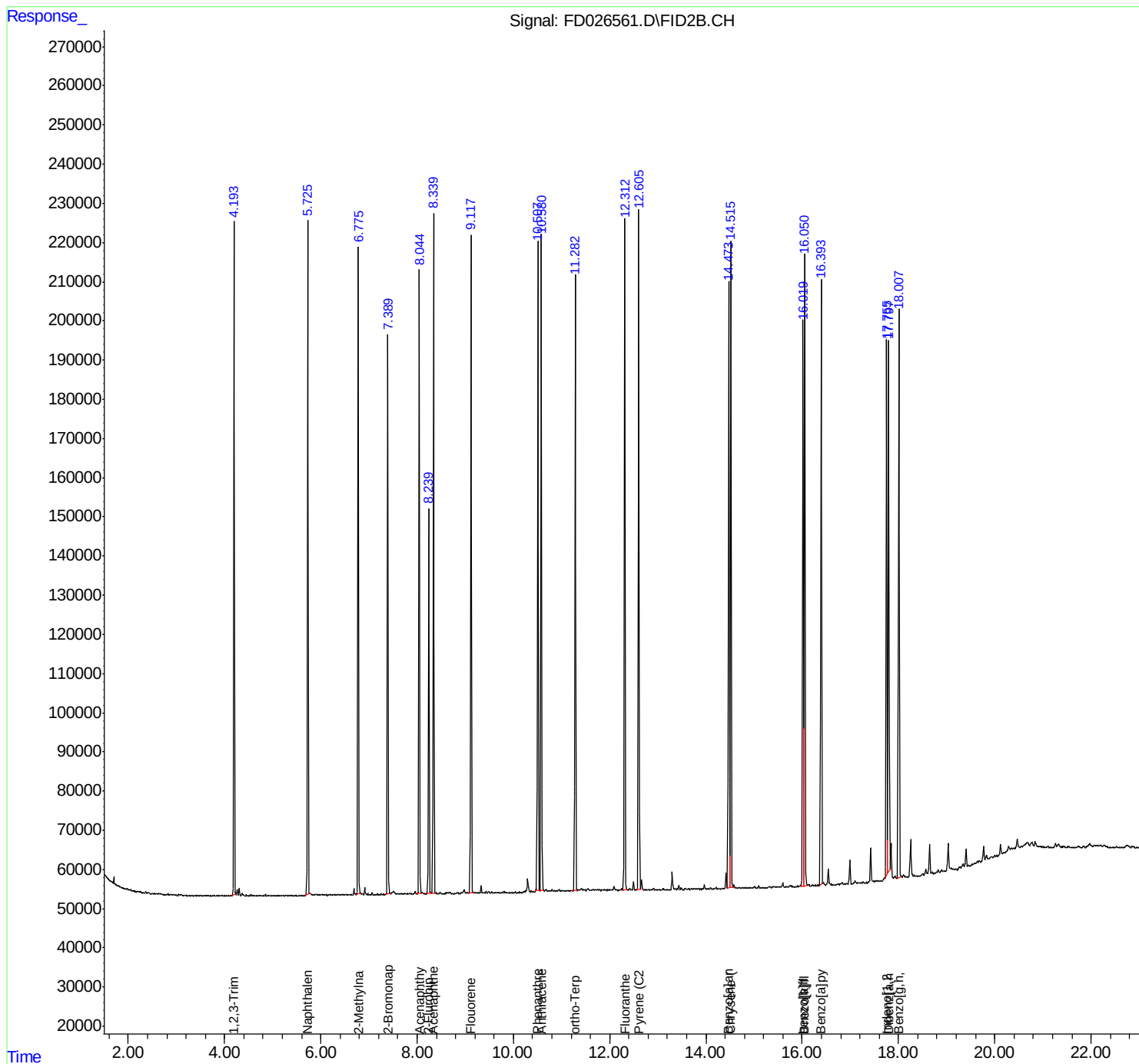
(f)=RT Delta > 1/2 Window

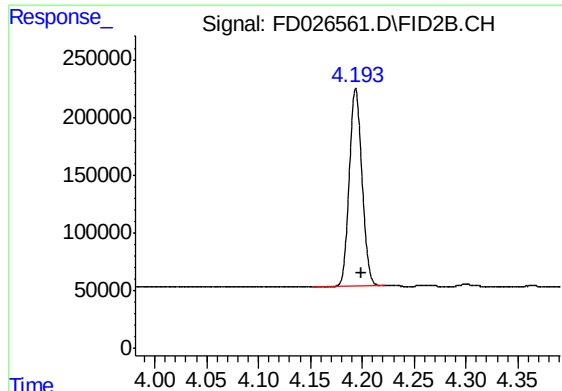
(m)=manual int.

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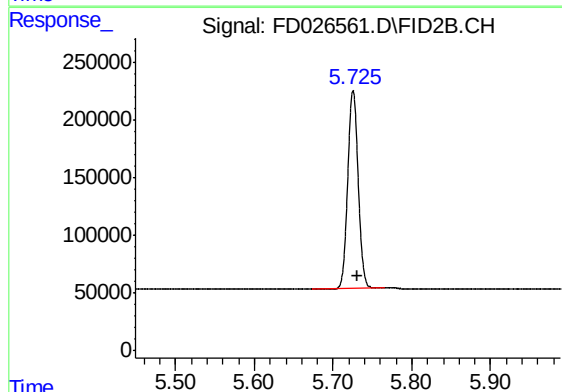
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Signal Info : 20M x 0.18mm x 0.18µm





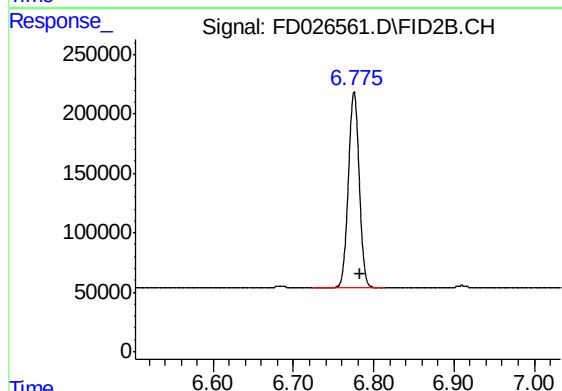
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.194 min
Delta R.T.: -0.005 min
Response: 1459318
Conc: 18.28 ug/ml



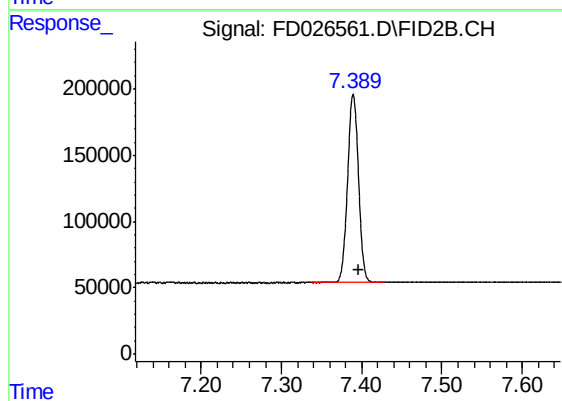
#2 Naphthalene (C11.7)

R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 1578663
Conc: 17.99 ug/ml



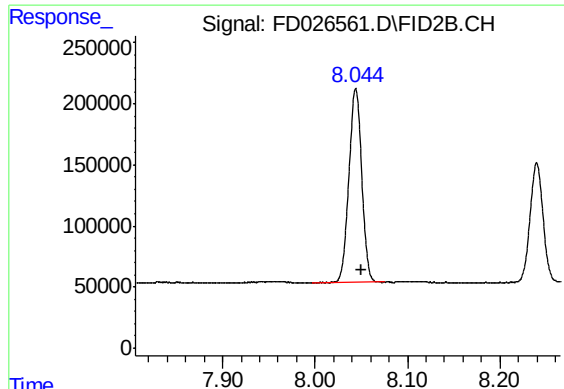
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: -0.007 min
Response: 1551395
Conc: 17.90 ug/ml



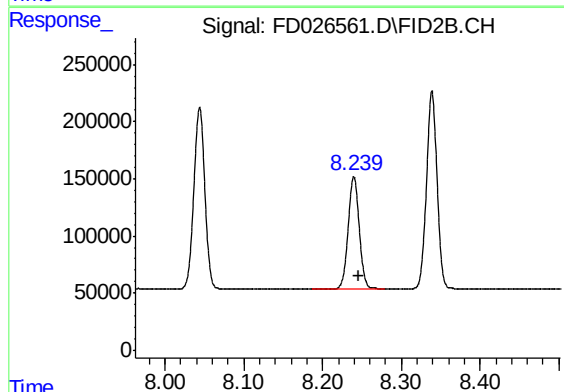
#4 2-Bromonaphthalene (SURR)

R.T.: 7.390 min
Delta R.T.: -0.006 min
Response: 1343934
Conc: 17.70 ug/ml



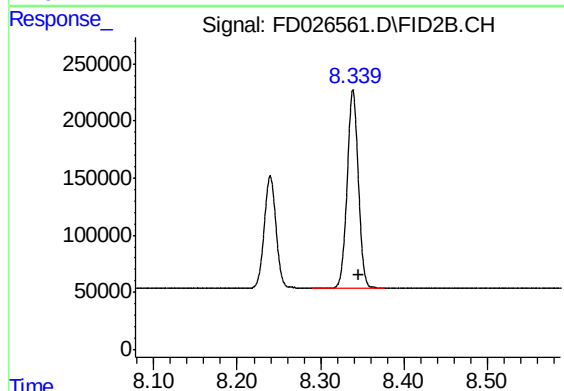
#5 Acenaphthylene (C15.06)

R.T.: 8.044 min
Delta R.T.: -0.007 min
Response: 1528228
Conc: 18.03 ug/ml



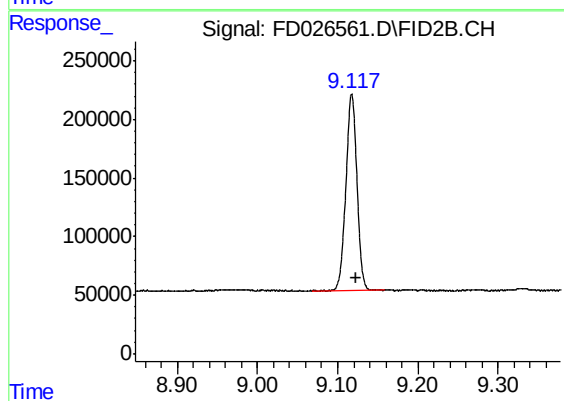
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.240 min
Delta R.T.: -0.007 min
Response: 950106
Conc: 18.17 ug/ml



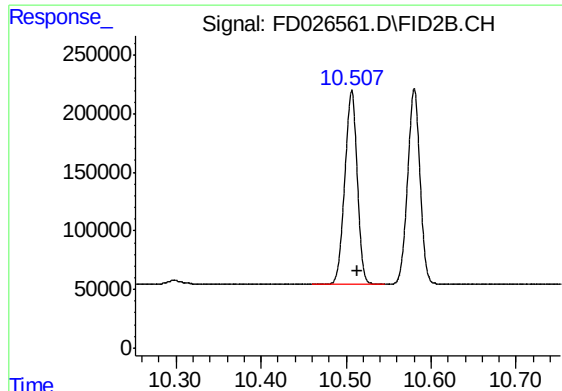
#7 Acenaphthene (C15.5)

R.T.: 8.339 min
Delta R.T.: -0.007 min
Response: 1600727
Conc: 18.11 ug/ml



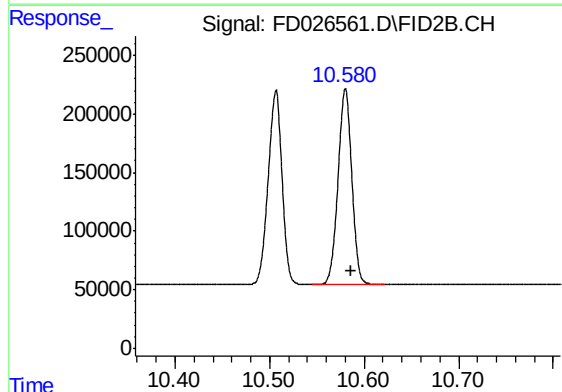
#8 Fluorene (C16.55)

R.T.: 9.118 min
Delta R.T.: -0.006 min
Response: 1605766
Conc: 18.22 ug/ml



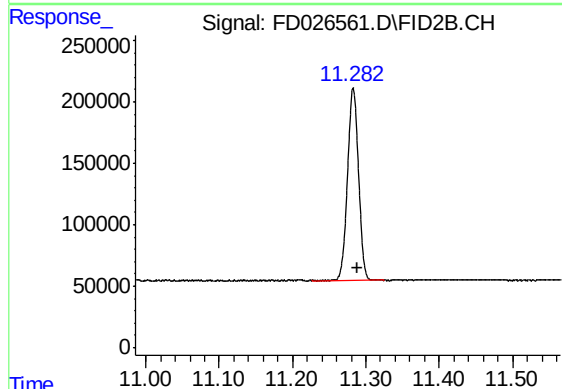
#9 Phenanthrene (C19.36)

R.T.: 10.507 min
Delta R.T.: -0.006 min
Response: 1685266
Conc: 19.20 ug/ml



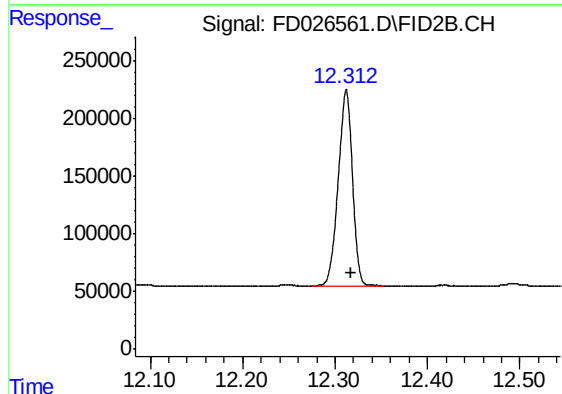
#10 Anthracene (C19.43)

R.T.: 10.580 min
Delta R.T.: -0.006 min
Response: 1678451
Conc: 19.17 ug/ml



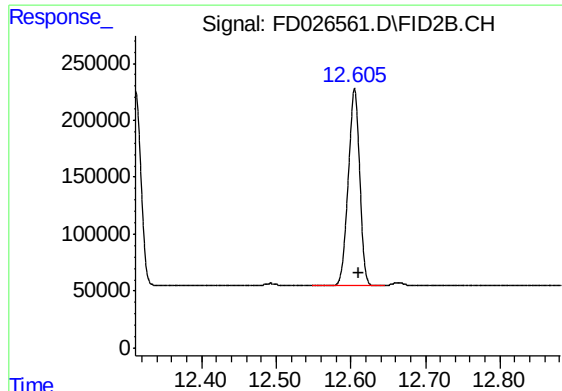
#11 ortho-Terphenyl (SURR)

R.T.: 11.283 min
Delta R.T.: -0.006 min
Response: 1637370
Conc: 19.32 ug/ml



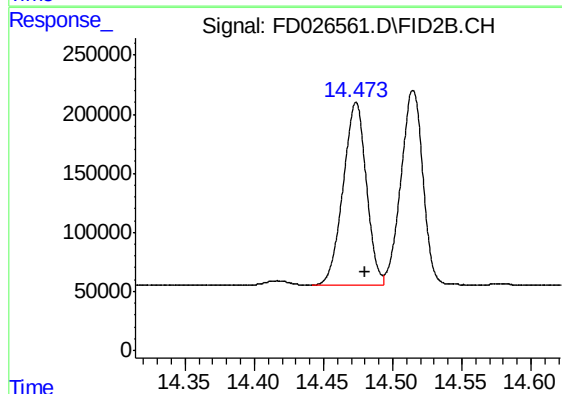
#12 Fluoranthene (C21.85)

R.T.: 12.312 min
Delta R.T.: -0.005 min
Response: 1818815
Conc: 20.88 ug/ml



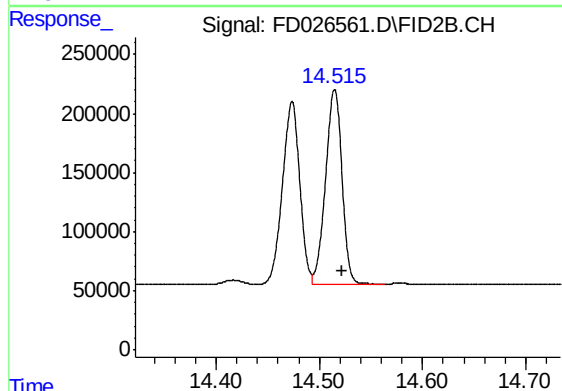
#13 Pyrene (C20.8)

R.T.: 12.605 min
Delta R.T.: -0.006 min
Response: 1836672
Conc: 21.19 ug/ml



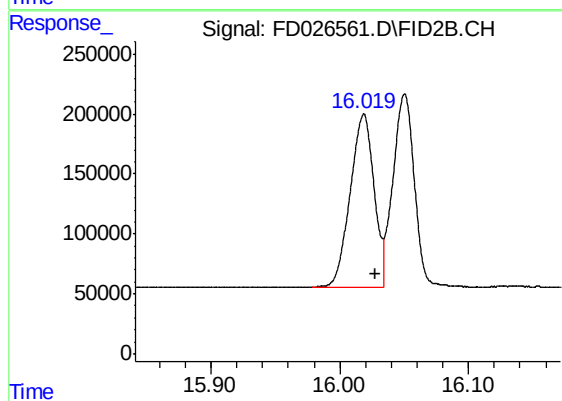
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.474 min
Delta R.T.: -0.007 min
Response: 1810138
Conc: 21.29 ug/ml



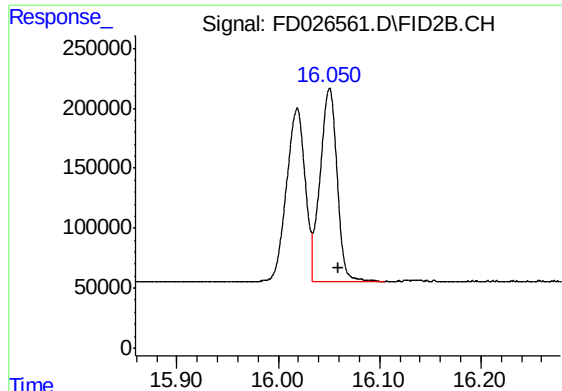
#15 Chrysene (C27.41)

R.T.: 14.515 min
Delta R.T.: -0.007 min
Response: 1827407
Conc: 21.32 ug/ml



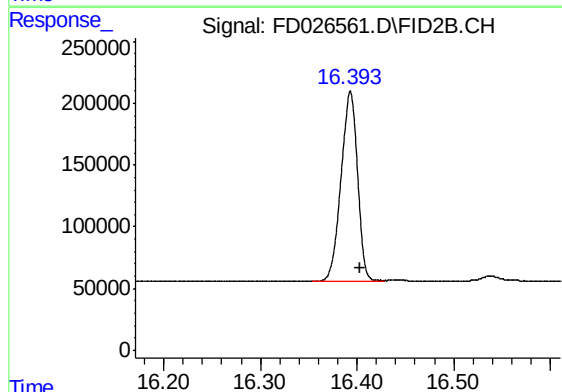
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.019 min
Delta R.T.: -0.009 min
Response: 1842300
Conc: 19.79 ug/ml



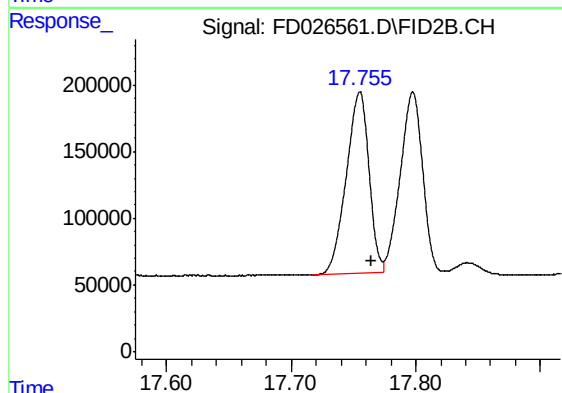
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.051 min
Delta R.T.: -0.009 min
Response: 1864078
Conc: 20.13 ug/ml



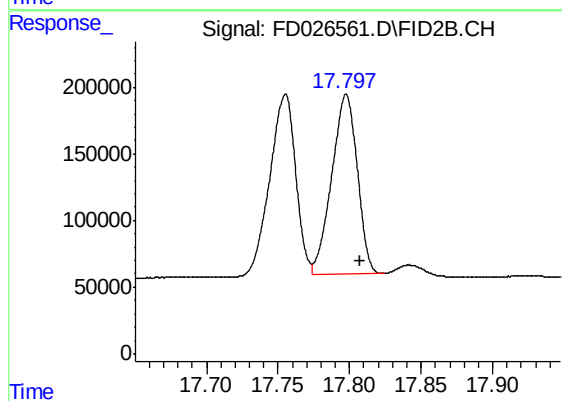
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.393 min
Delta R.T.: -0.009 min
Response: 1824212
Conc: 19.33 ug/ml



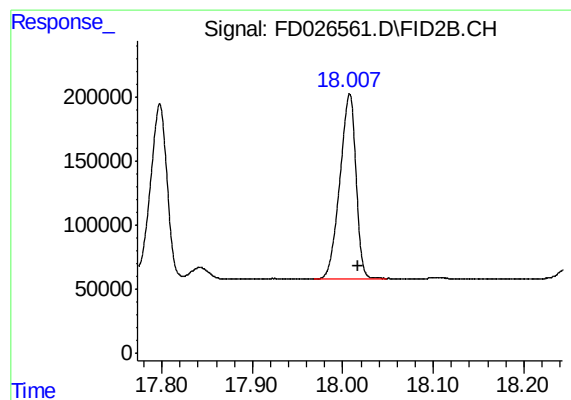
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.755 min
Delta R.T.: -0.009 min
Response: 1723621
Conc: 17.95 ug/ml



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

R.T.: 17.798 min
Delta R.T.: -0.009 min
Response: 1686082
Conc: 17.96 ug/ml



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

R.T.: 18.008 min
Delta R.T.: -0.009 min
Response: 1777874
Conc: 18.08 ug/ml