

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101419AR\
 Data File : FD030989.D
 Signal(s) : FID2B.CH
 Acq On : 14 Oct 2019 21:03
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 03:34:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:27:52 2019
 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...	7.560	10368735	103.868 ug/ml
Spiked Amount 50.000		Recovery =	207.74%
6) S 2-Fluorobiphenyl (SURR)	8.421	7089172	106.001 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	212.00%#
11) S ortho-Terphenyl (SURR)	11.449	10950550	97.770 ug/ml
Spiked Amount 50.000		Recovery =	195.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.368	10791352	105.016 ug/ml
2) T Naphthalene (C11.7)	5.902	11368566	106.393 ug/ml
3) T 2-Methylnaphthalene (...)	6.952	11350980	105.524 ug/ml
5) T Acenaphthylene (C15.06)	8.224	10958157	102.536 ug/ml
7) T Acenaphthene (C15.5)	8.521	11416621	101.815 ug/ml
8) T Fluorene (C16.55)	9.299	11236963	103.529 ug/ml
9) T Phenanthrene (C19.36)	10.691	11204368	102.791 ug/ml
10) T Anthracene (C19.43)	10.768	11128646	101.622 ug/ml
12) T Fluoranthene (C21.85)	12.498	11063660	100.371 ug/ml
13) T Pyrene (C20.8)	12.794	10934652	97.769 ug/ml
14) T Benzo[a]anthracene (C...	14.659	10396554	102.073 ug/ml
15) T Chrysene (C27.41)	14.706	10505445	94.161 ug/ml
16) T benzo[b]fluoranthene ...	16.210	10262167	100.562 ug/ml
17) T Bnezo[k]fluoranthene ...	16.210	10262167	93.180 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.590	10174228	97.241 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.957	10324078	111.132 ug/ml
20) T Dibenz[a,h]anthracene...	17.957	10324078	95.393 ug/ml
21) T Benzo[g,h,i]perylene ...	18.214	9806999	99.684 ug/ml

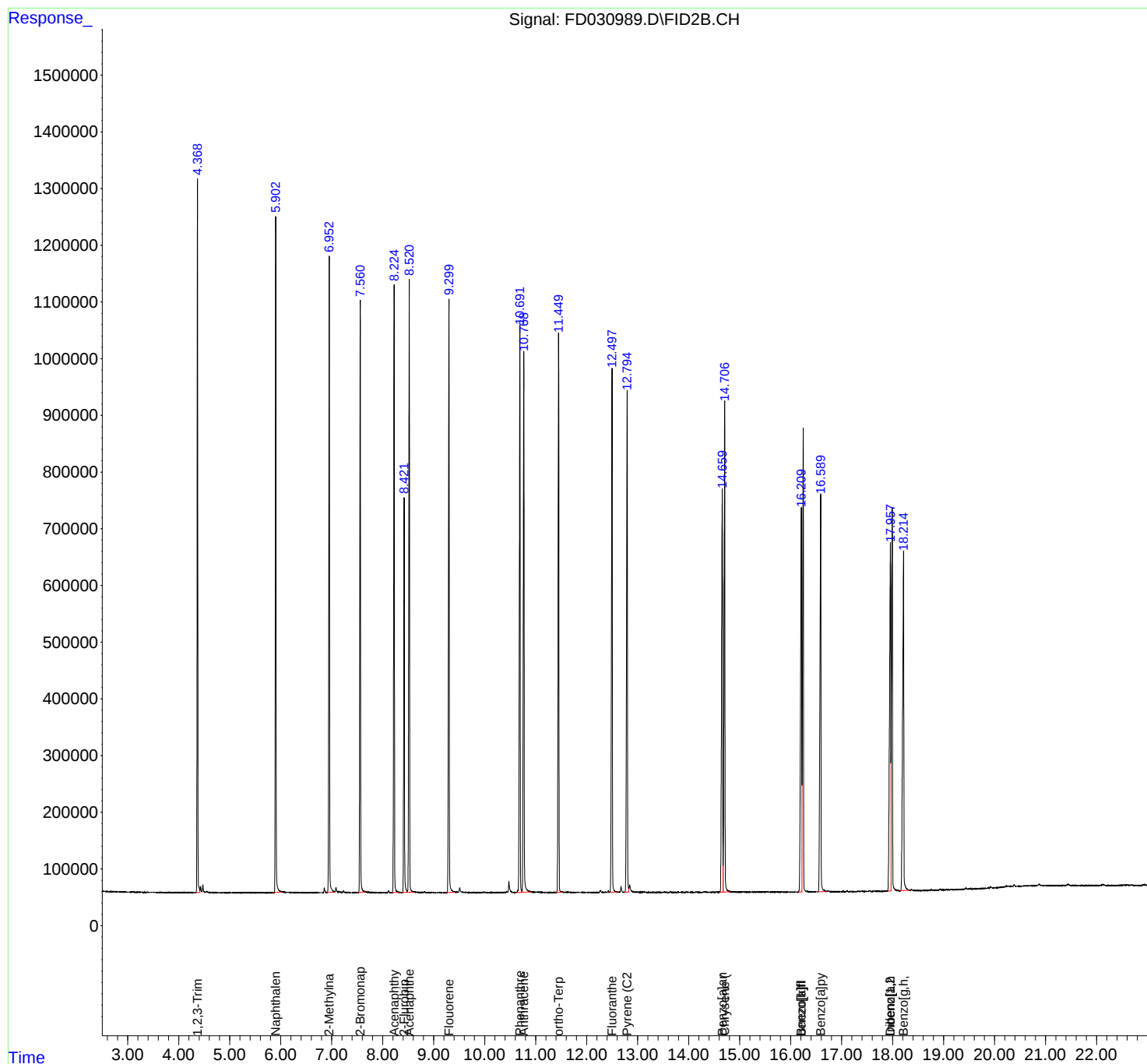
(f)=RT Delta > 1/2 Window

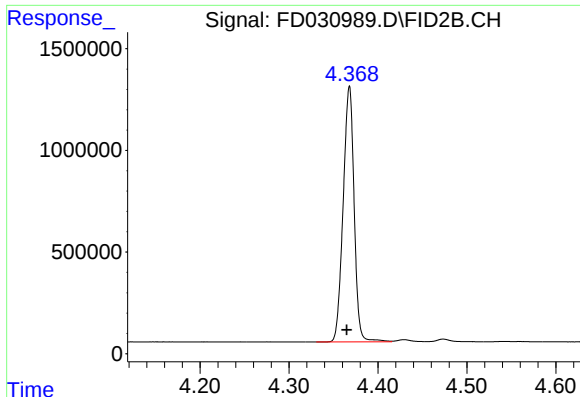
(m)=manual int.

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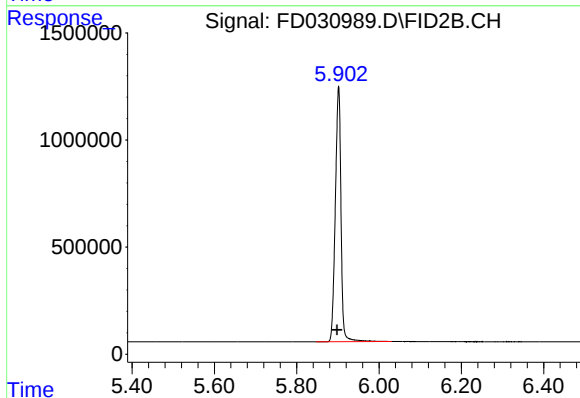
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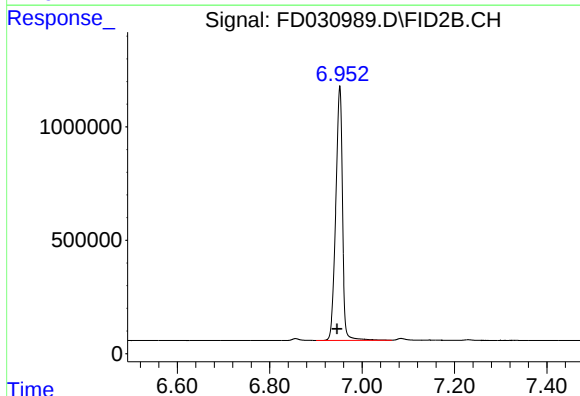
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.368 min
Delta R.T.: 0.003 min
Response: 10791352
Conc: 105.02 ug/ml



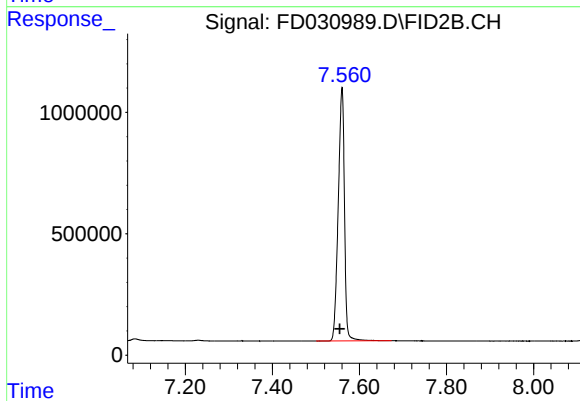
#2 Naphthalene (C11.7)

R.T.: 5.902 min
Delta R.T.: 0.004 min
Response: 11368566
Conc: 106.39 ug/ml



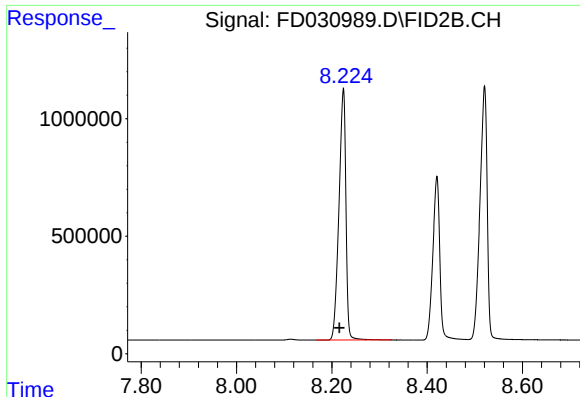
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.952 min
Delta R.T.: 0.006 min
Response: 11350980
Conc: 105.52 ug/ml



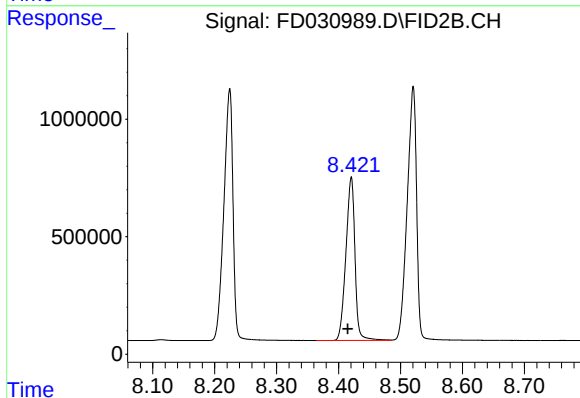
#4 2-Bromonaphthalene (SURR)

R.T.: 7.560 min
Delta R.T.: 0.005 min
Response: 10368735
Conc: 103.87 ug/ml



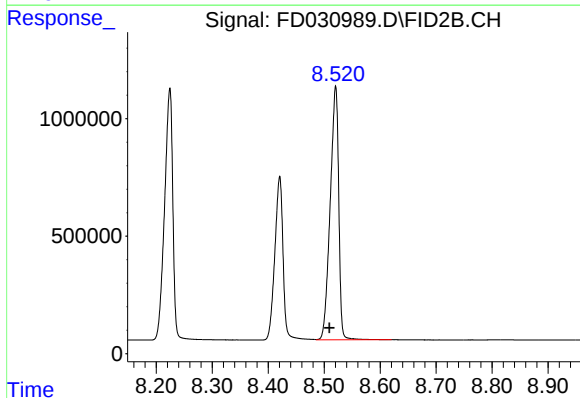
#5 Acenaphthylene (C15.06)

R.T.: 8.224 min
Delta R.T.: 0.008 min
Response: 10958157
Conc: 102.54 ug/ml



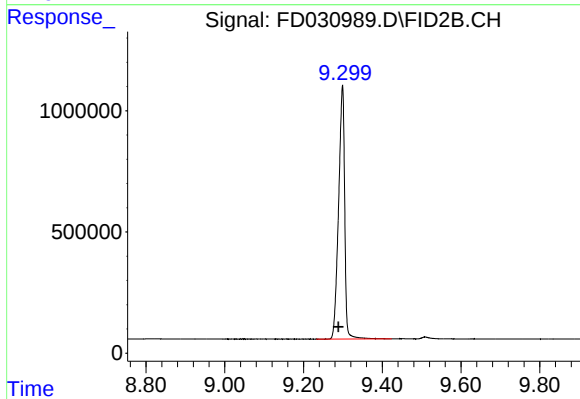
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.421 min
Delta R.T.: 0.006 min
Response: 7089172
Conc: 106.00 ug/ml



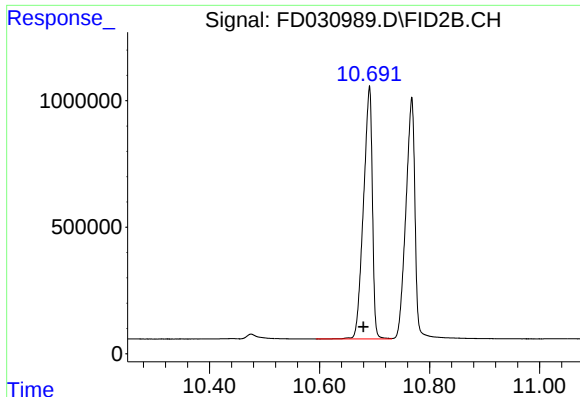
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: 0.011 min
Response: 11416621
Conc: 101.82 ug/ml



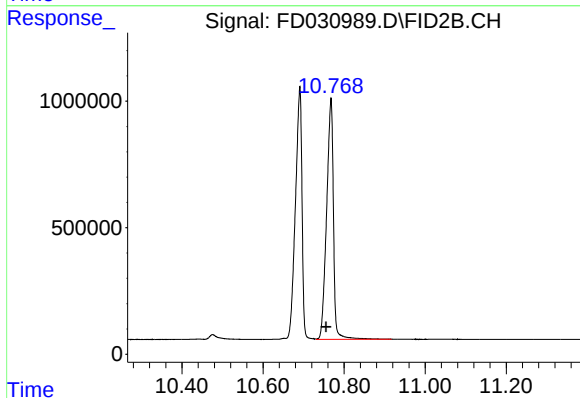
#8 Flouorene (C16.55)

R.T.: 9.299 min
Delta R.T.: 0.010 min
Response: 11236963
Conc: 103.53 ug/ml



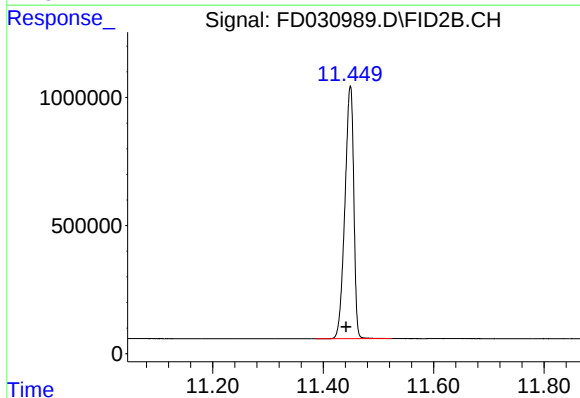
#9 Phenanthrene (C19.36)

R.T.: 10.691 min
Delta R.T.: 0.011 min
Response: 11204368
Conc: 102.79 ug/ml



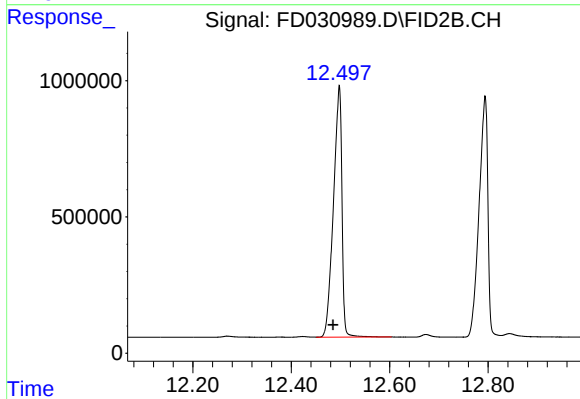
#10 Anthracene (C19.43)

R.T.: 10.768 min
Delta R.T.: 0.012 min
Response: 11128646
Conc: 101.62 ug/ml



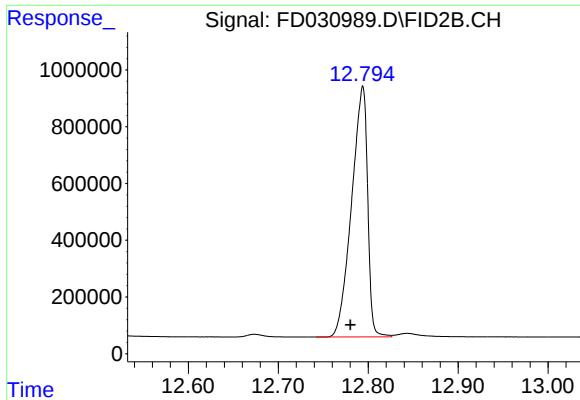
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: 0.008 min
Response: 10950550
Conc: 97.77 ug/ml



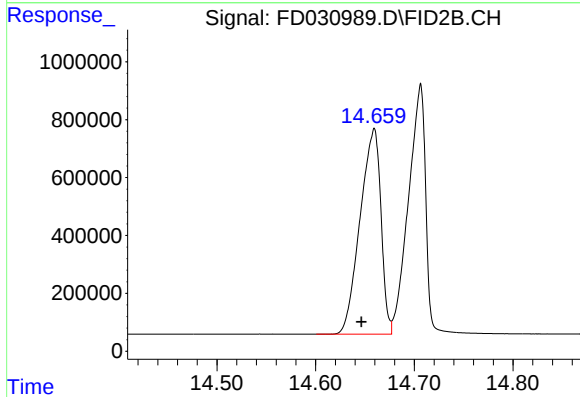
#12 Fluoranthene (C21.85)

R.T.: 12.498 min
Delta R.T.: 0.013 min
Response: 11063660
Conc: 100.37 ug/ml



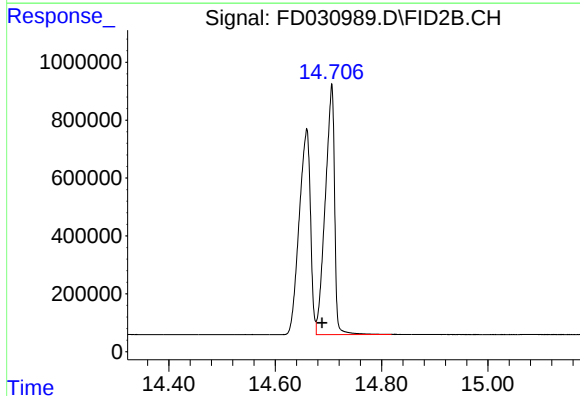
#13 Pyrene (C20.8)

R.T.: 12.794 min
Delta R.T.: 0.014 min
Response: 10934652
Conc: 97.77 ug/ml



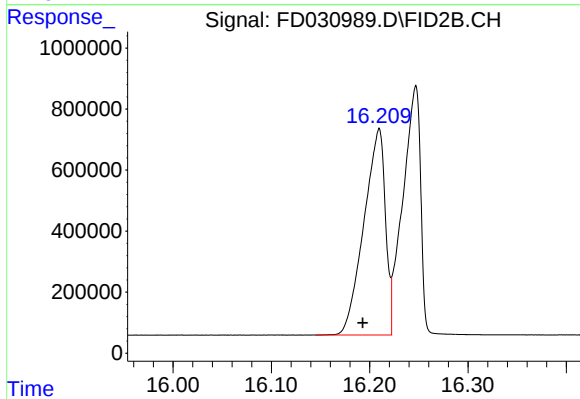
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.659 min
Delta R.T.: 0.013 min
Response: 10396554
Conc: 102.07 ug/ml



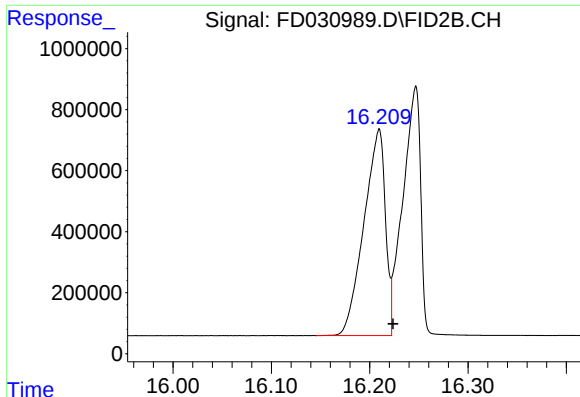
#15 Chrysene (C27.41)

R.T.: 14.706 min
Delta R.T.: 0.018 min
Response: 10505445
Conc: 94.16 ug/ml



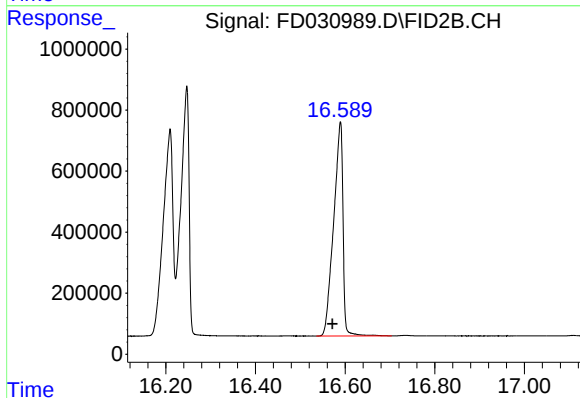
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.210 min
Delta R.T.: 0.016 min
Response: 10262167
Conc: 100.56 ug/ml



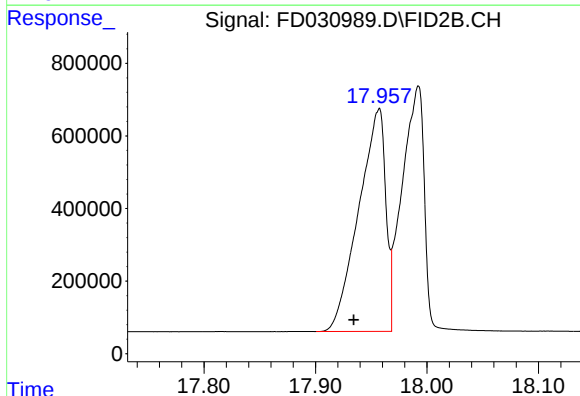
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.210 min
Delta R.T.: -0.014 min
Response: 10262167
Conc: 93.18 ug/ml



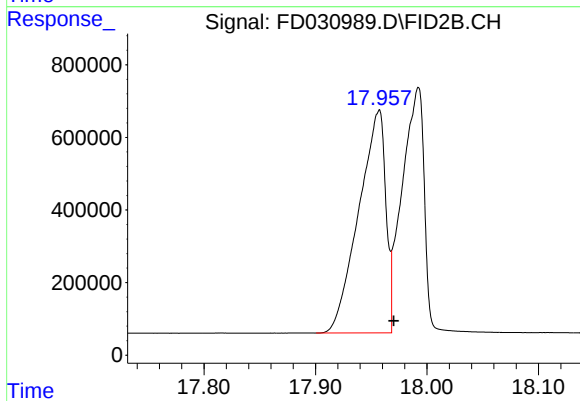
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.590 min
Delta R.T.: 0.018 min
Response: 10174228
Conc: 97.24 ug/ml



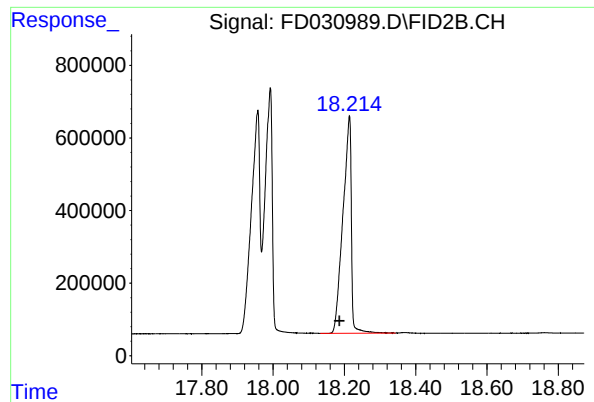
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.957 min
Delta R.T.: 0.022 min
Response: 10324078
Conc: 111.13 ug/ml



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

R.T.: 17.957 min
Delta R.T.: -0.013 min
Response: 10324078
Conc: 95.39 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.028 min
Response: 9806999
Conc: 99.68 ug/ml