

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110718AR\
 Data File : FD026418.D
 Signal(s) : FID2B.CH
 Acq On : 08 Nov 2018 6:24
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 08 10:02:18 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 11:23:05 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...	7.397	1451854	19.638 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
6) S 2-Fluorobiphenyl (SURR)	8.248	1033161	20.126 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.25%
11) S ortho-Terphenyl (SURR)	11.292	1700368	21.524 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.200	1571351	19.642 ug/ml
2) T Naphthalene (C11.7)	5.733	1684972	19.607 ug/ml
3) T 2-Methylnaphthalene (...)	6.783	1649926	19.637 ug/ml
5) T Acenaphthylene (C15.06)	8.052	1622742	19.977 ug/ml
7) T Acenaphthene (C15.5)	8.347	1699548	20.059 ug/ml
8) T Fluorene (C16.55)	9.126	1705994	20.233 ug/ml
9) T Phenanthrene (C19.36)	10.516	1783406	21.151 ug/ml
10) T Anthracene (C19.43)	10.590	1731638	21.055 ug/ml
12) T Fluoranthene (C21.85)	12.321	1878870	22.078 ug/ml
13) T Pyrene (C20.8)	12.616	1899611	22.163 ug/ml
14) T Benzo[a]anthracene (C...	14.526	1865906	22.429 ug/ml
15) T Chrysene (C27.41)	14.526	1865906	22.210 ug/ml
16) T benzo[b]fluoranthene ...	16.064	1896786	21.197 ug/ml
17) T Bnezo[k]fluoranthene ...	16.064	1896786	21.279 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.406	1856552	20.589 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	1694422	18.080 ug/ml
20) T Dibenz[a,h]anthracene...	17.810	1694422	18.697 ug/ml
21) T Benzo[g,h,i]perylene ...	18.020	1749849	18.181 ug/ml

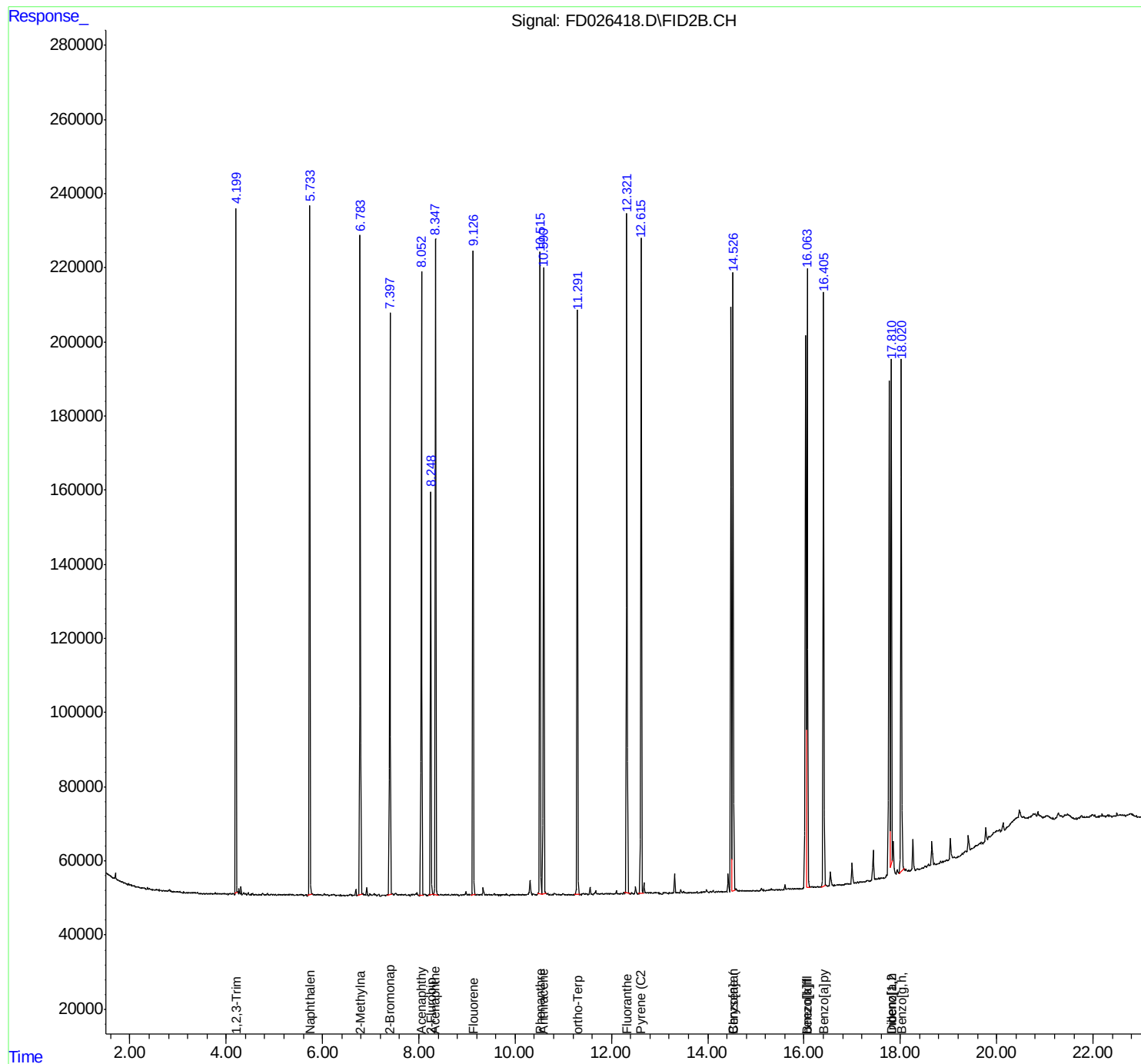
(f)=RT Delta > 1/2 Window

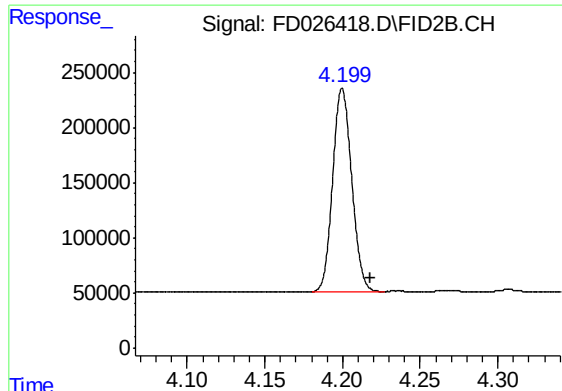
(m)=manual int.

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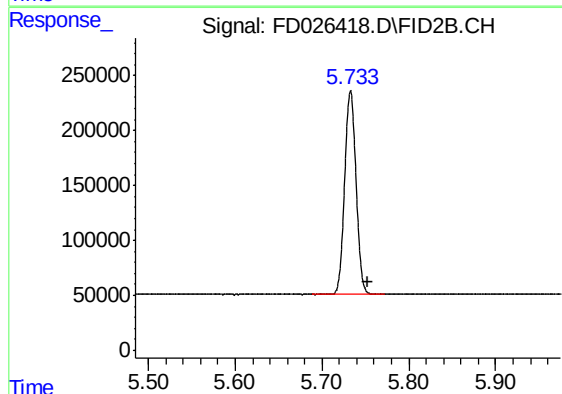
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





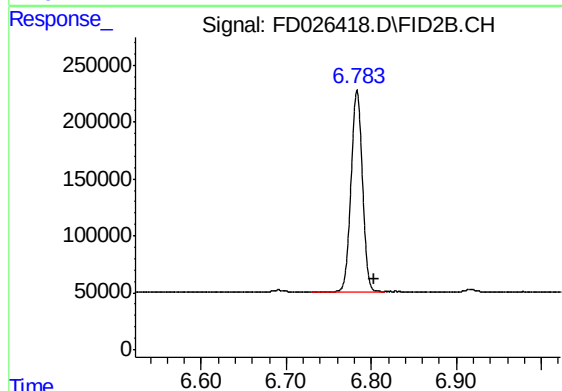
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.200 min
Delta R.T.: -0.018 min
Response: 1571351
Conc: 19.64 ug/ml



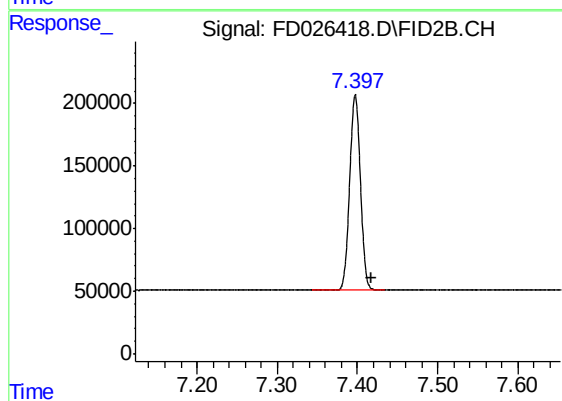
#2 Naphthalene (C11.7)

R.T.: 5.733 min
Delta R.T.: -0.019 min
Response: 1684972
Conc: 19.61 ug/ml



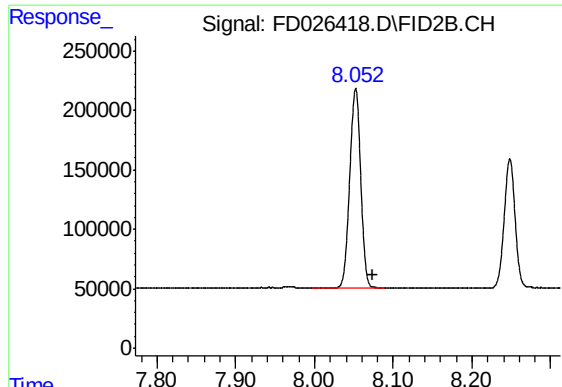
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.783 min
Delta R.T.: -0.020 min
Response: 1649926
Conc: 19.64 ug/ml



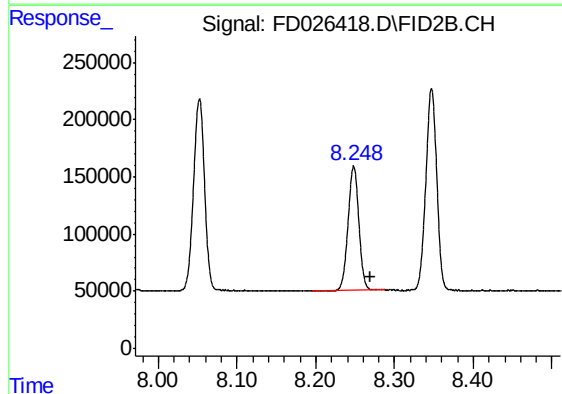
#4 2-Bromonaphthalene (SURR)

R.T.: 7.397 min
Delta R.T.: -0.021 min
Response: 1451854
Conc: 19.64 ug/ml



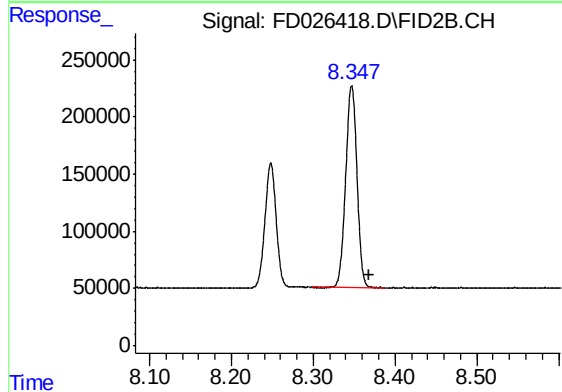
#5 Acenaphthylene (C15.06)

R.T.: 8.052 min
Delta R.T.: -0.021 min
Response: 1622742
Conc: 19.98 ug/ml



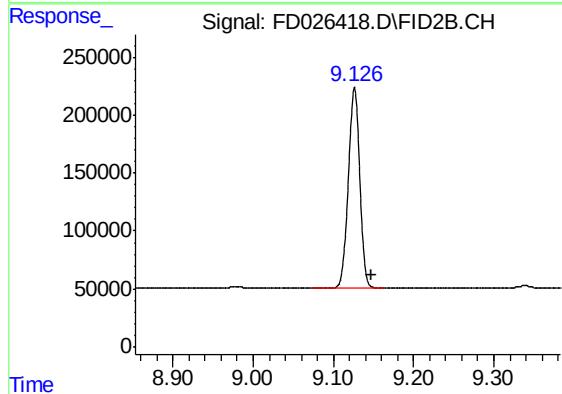
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.248 min
Delta R.T.: -0.021 min
Response: 1033161
Conc: 20.13 ug/ml



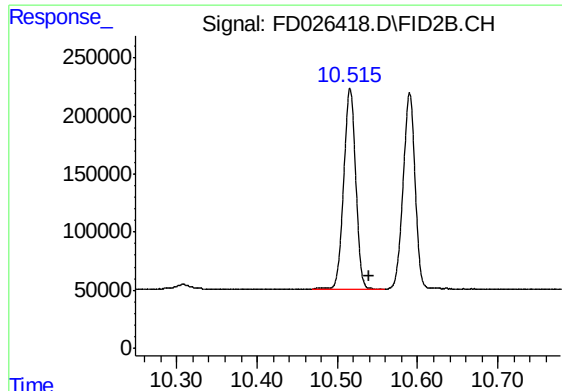
#7 Acenaphthene (C15.5)

R.T.: 8.347 min
Delta R.T.: -0.021 min
Response: 1699548
Conc: 20.06 ug/ml



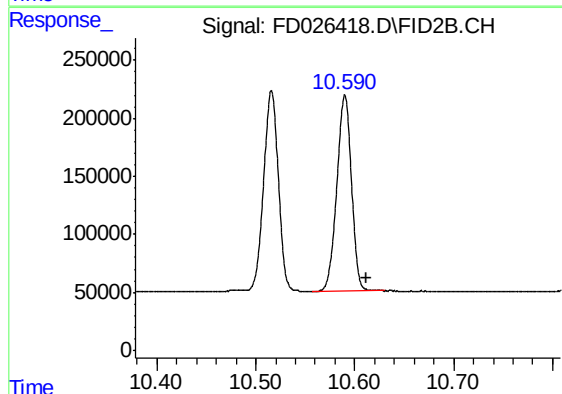
#8 Flouorene (C16.55)

R.T.: 9.126 min
Delta R.T.: -0.022 min
Response: 1705994
Conc: 20.23 ug/ml



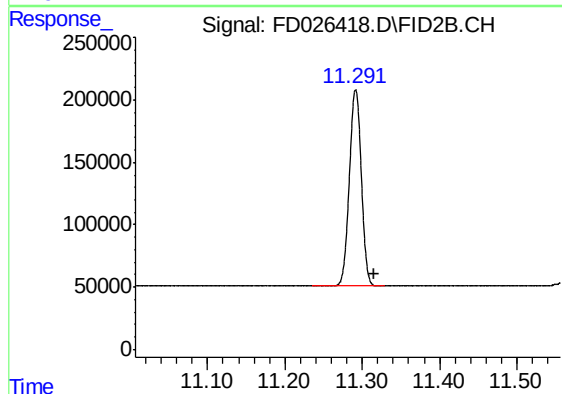
#9 Phenanthrene (C19.36)

R.T.: 10.516 min
Delta R.T.: -0.023 min
Response: 1783406
Conc: 21.15 ug/ml



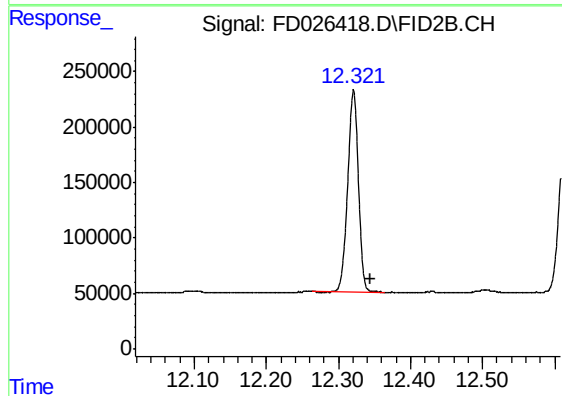
#10 Anthracene (C19.43)

R.T.: 10.590 min
Delta R.T.: -0.022 min
Response: 1731638
Conc: 21.06 ug/ml



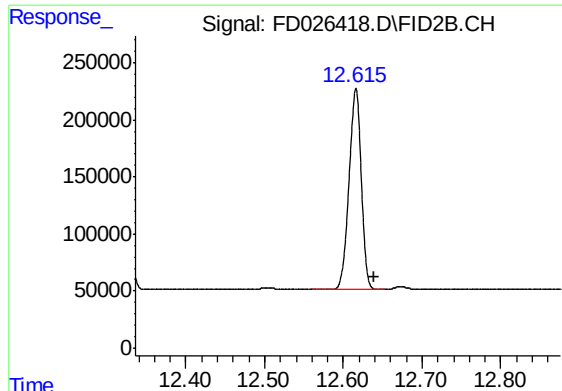
#11 ortho-Terphenyl (SURR)

R.T.: 11.292 min
Delta R.T.: -0.024 min
Response: 1700368
Conc: 21.52 ug/ml



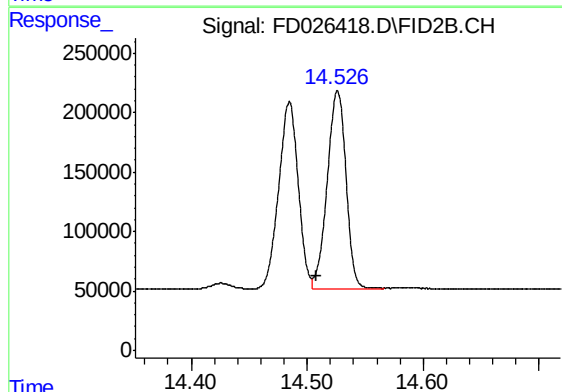
#12 Fluoranthene (C21.85)

R.T.: 12.321 min
Delta R.T.: -0.023 min
Response: 1878870
Conc: 22.08 ug/ml



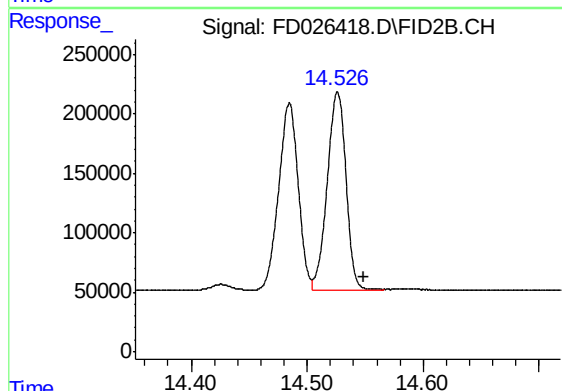
#13 Pyrene (C20.8)

R.T.: 12.616 min
Delta R.T.: -0.022 min
Response: 1899611
Conc: 22.16 ug/ml



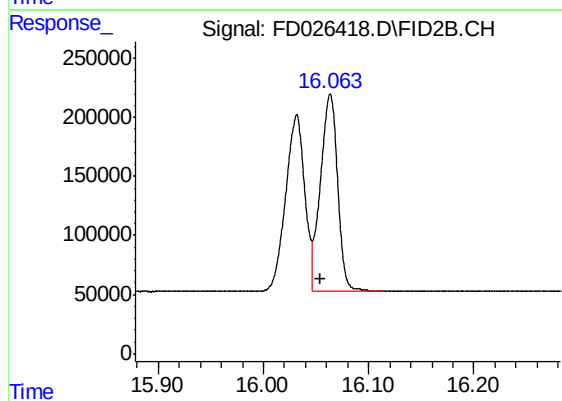
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.526 min
Delta R.T.: 0.018 min
Response: 1865906
Conc: 22.43 ug/ml



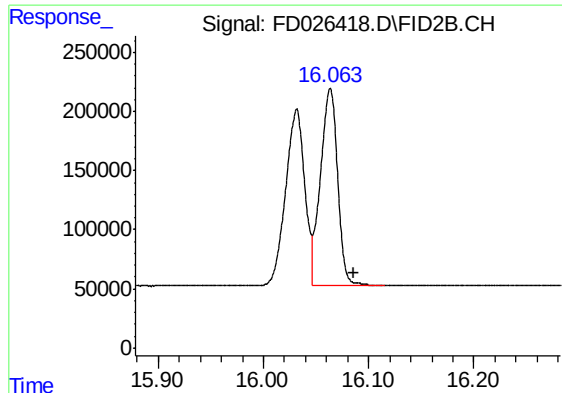
#15 Chrysene (C27.41)

R.T.: 14.526 min
Delta R.T.: -0.023 min
Response: 1865906
Conc: 22.21 ug/ml



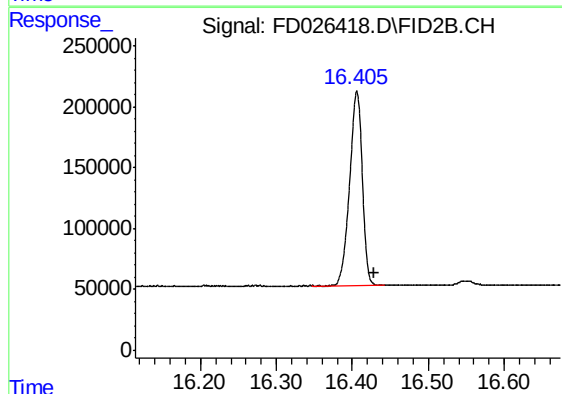
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.064 min
Delta R.T.: 0.009 min
Response: 1896786
Conc: 21.20 ug/ml



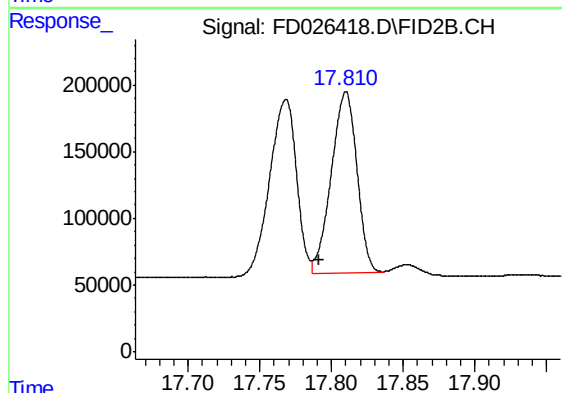
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.064 min
Delta R.T.: -0.023 min
Response: 1896786
Conc: 21.28 ug/ml



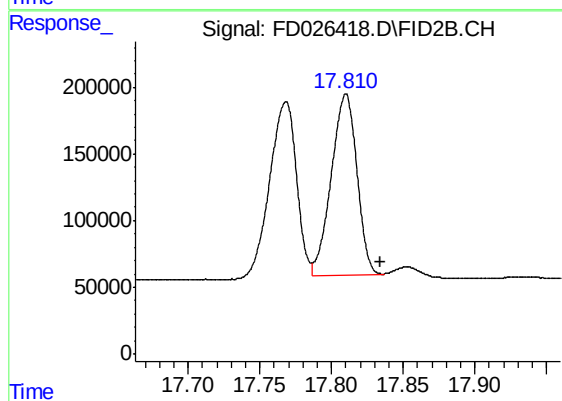
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.406 min
Delta R.T.: -0.024 min
Response: 1856552
Conc: 20.59 ug/ml



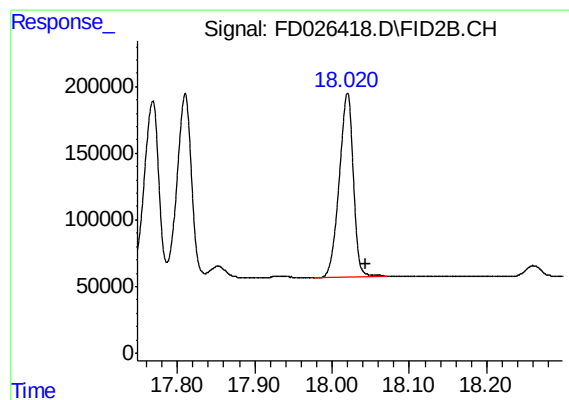
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: 0.019 min
Response: 1694422
Conc: 18.08 ug/ml



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

R.T.: 17.810 min
Delta R.T.: -0.024 min
Response: 1694422
Conc: 18.70 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.023 min
Response: 1749849
Conc: 18.18 ug/ml