

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062118AR\
 Data File : FD024676.D
 Signal(s) : FID2B.CH
 Acq On : 21 Jun 2018 20:47
 Operator : UA/AJ
 Sample : 50 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 22 08:57:35 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062118.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 22 08:56:23 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...	7.482	4544136	49.680 ug/ml
Spiked Amount 50.000		Recovery =	99.36%
6) S 2-Fluorobiphenyl (SURR)	8.338	3150599	49.366 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.73%
11) S ortho-Terphenyl (SURR)	11.389	4810790	47.870 ug/ml
Spiked Amount 50.000		Recovery =	95.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	4594384	49.797 ug/ml
2) T Naphthalene (C11.7)	5.813	5052663	49.982 ug/ml
3) T 2-Methylnaphthalene (...)	6.868	5061935	49.864 ug/ml
5) T Acenaphthylene (C15.06)	8.142	4937614	49.287 ug/ml
7) T Acenaphthene (C15.5)	8.439	5155511	49.215 ug/ml
8) T Fluorene (C16.55)	9.219	5117958	48.506 ug/ml
9) T Phenanthrene (C19.36)	10.614	5002591	48.555 ug/ml
10) T Anthracene (C19.43)	10.688	4941058	48.199 ug/ml
12) T Fluoranthene (C21.85)	12.425	4789585	47.929 ug/ml
13) T Pyrene (C20.8)	12.721	4747239	47.812 ug/ml
14) T Benzo[a]anthracene (C...	14.594	4582423	49.392 ug/ml
15) T Chrysene (C27.41)	14.638	4589635	49.214 ug/ml
16) T benzo[b]fluoranthene ...	16.145	5034612	49.594 ug/ml
17) T Bnezo[k]fluoranthene ...	16.182	4989858	49.389 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.524	5126391	49.342 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.890	5165539	50.145 ug/ml
20) T Dibenz[a,h]anthracene...	17.932	5176946	49.926 ug/ml
21) T Benzo[g,h,i]perylene ...	18.148	5166984	49.605 ug/ml

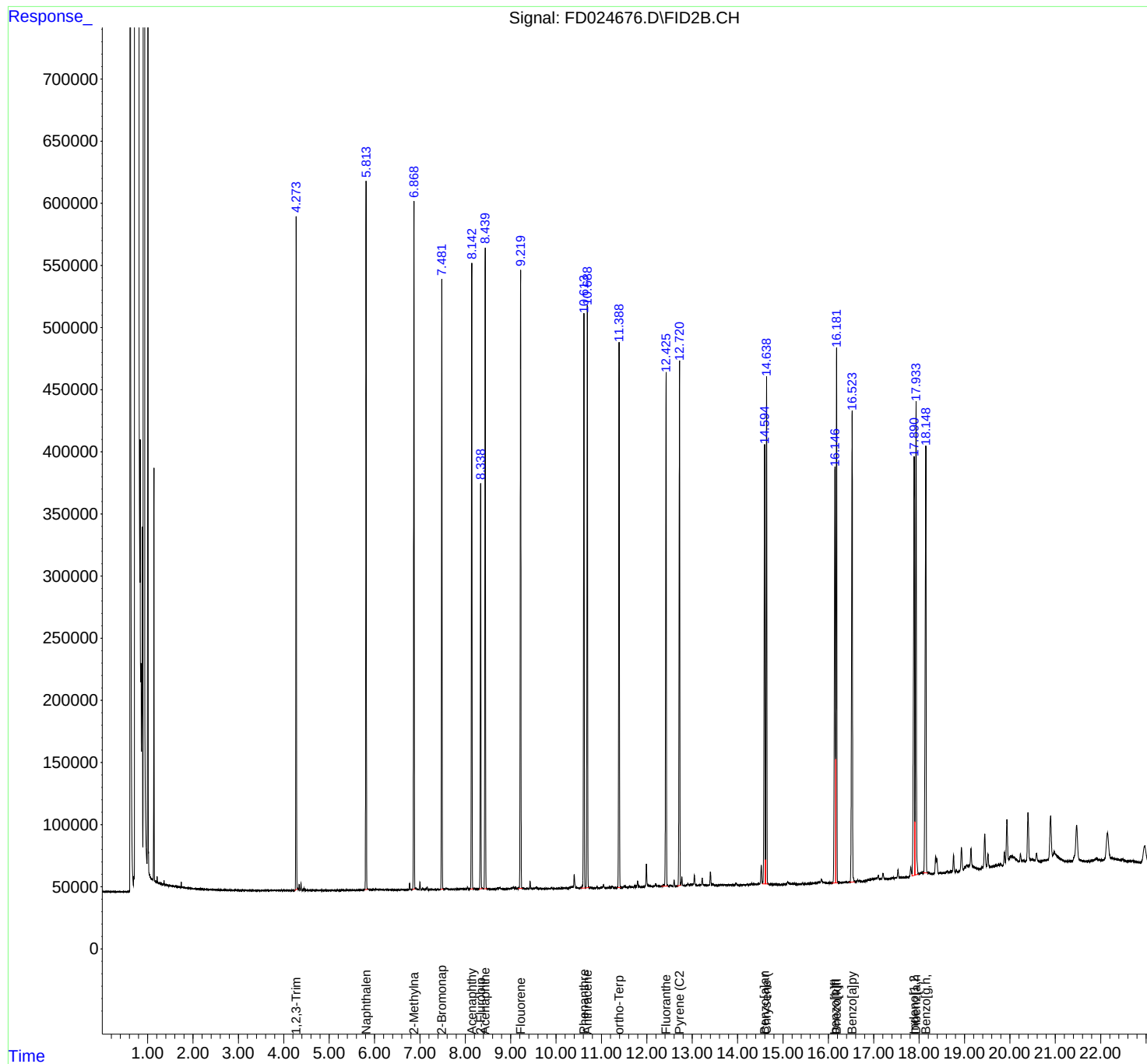
(f)=RT Delta > 1/2 Window

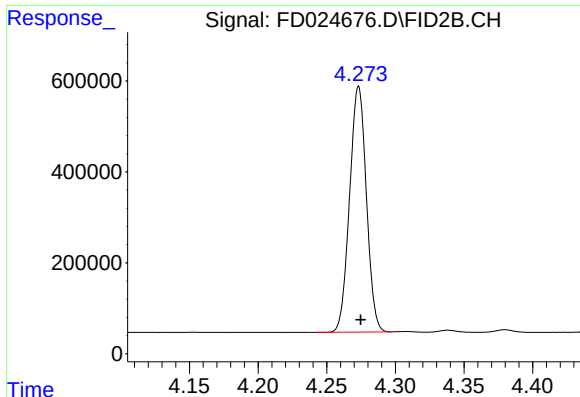
(m)=manual int.

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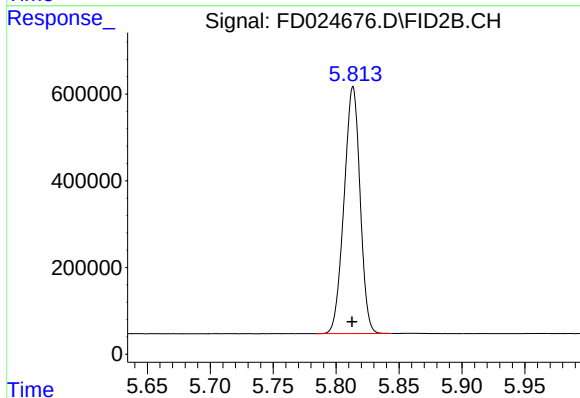
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Signal Info : 20M x 0.18mm x 0.18µm





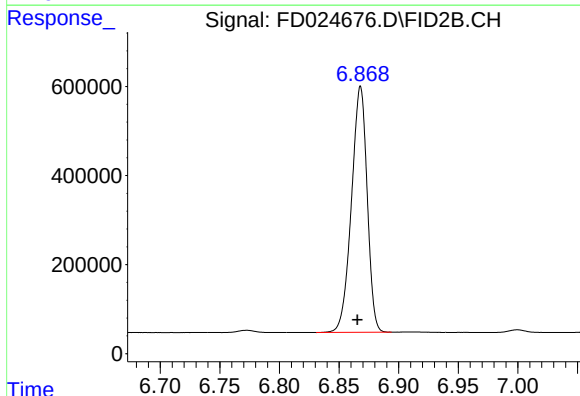
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.273 min
Delta R.T.: -0.001 min
Response: 4594384
Conc: 49.80 ug/ml



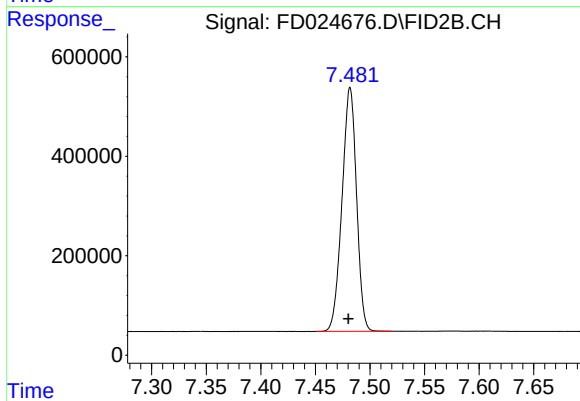
#2 Naphthalene (C11.7)

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 5052663
Conc: 49.98 ug/ml



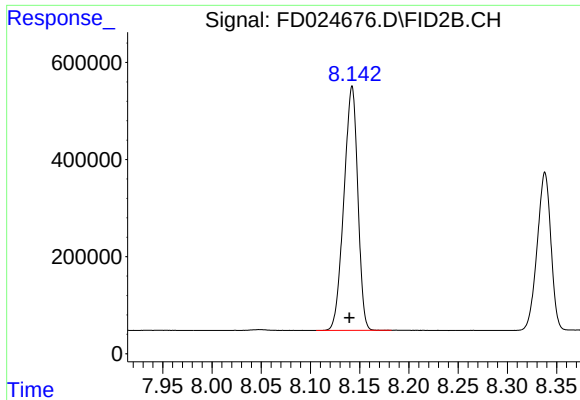
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.868 min
Delta R.T.: 0.003 min
Response: 5061935
Conc: 49.86 ug/ml



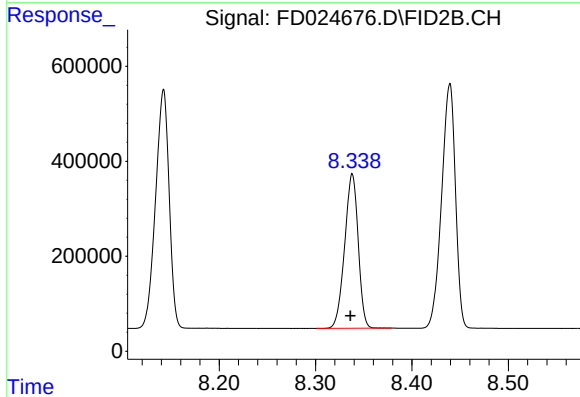
#4 2-Bromonaphthalene (SURR)

R.T.: 7.482 min
Delta R.T.: 0.002 min
Response: 4544136
Conc: 49.68 ug/ml



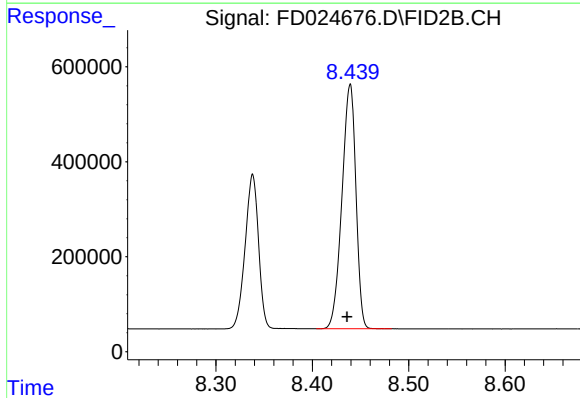
#5 Acenaphthylene (C15.06)

R.T.: 8.142 min
Delta R.T.: 0.003 min
Response: 4937614
Conc: 49.29 ug/ml



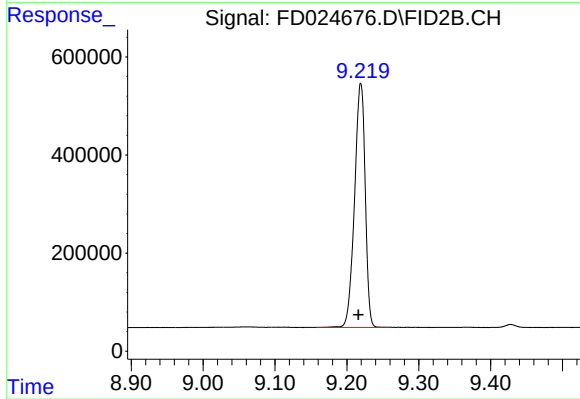
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.338 min
Delta R.T.: 0.002 min
Response: 3150599
Conc: 49.37 ug/ml



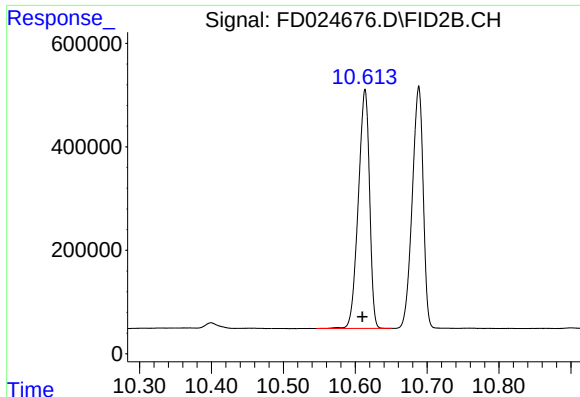
#7 Acenaphthene (C15.5)

R.T.: 8.439 min
Delta R.T.: 0.003 min
Response: 5155511
Conc: 49.21 ug/ml



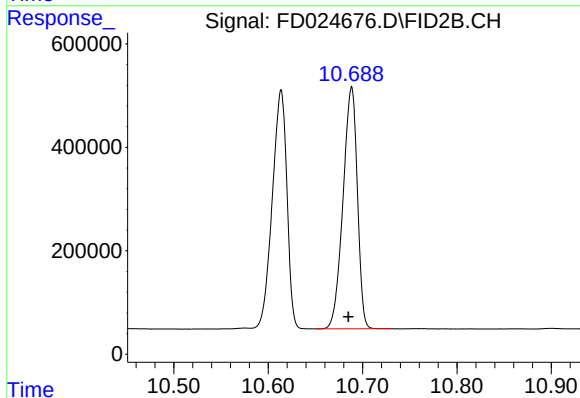
#8 Fluorene (C16.55)

R.T.: 9.219 min
Delta R.T.: 0.003 min
Response: 5117958
Conc: 48.51 ug/ml



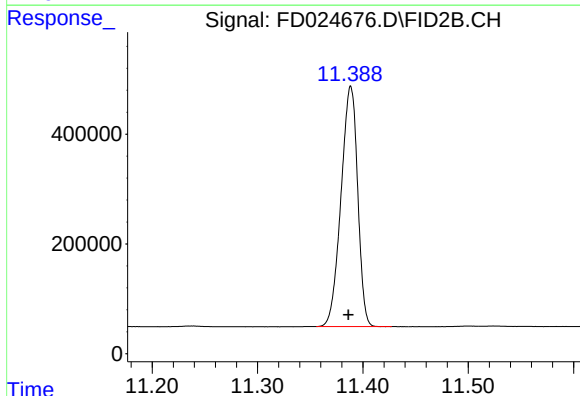
#9 Phenanthrene (C19.36)

R.T.: 10.614 min
Delta R.T.: 0.004 min
Response: 5002591
Conc: 48.55 ug/ml



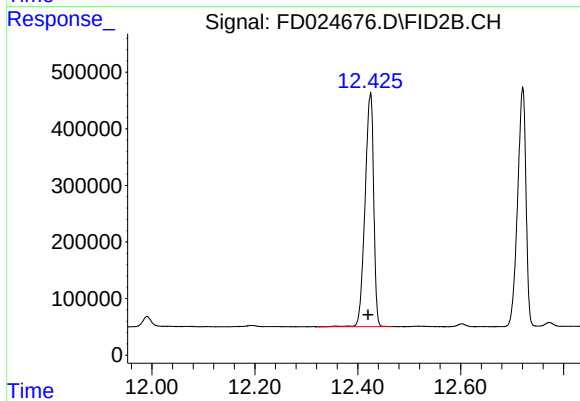
#10 Anthracene (C19.43)

R.T.: 10.688 min
Delta R.T.: 0.004 min
Response: 4941058
Conc: 48.20 ug/ml



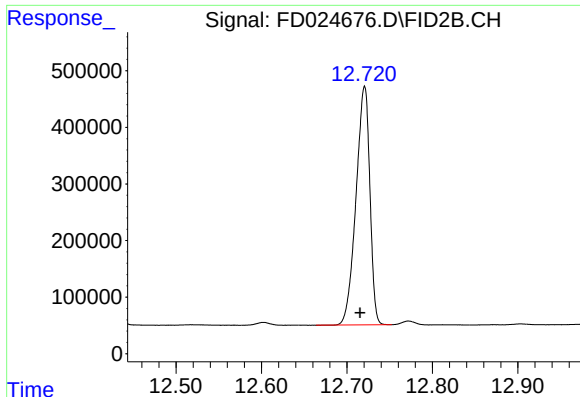
#11 ortho-Terphenyl (SURR)

R.T.: 11.389 min
Delta R.T.: 0.002 min
Response: 4810790
Conc: 47.87 ug/ml



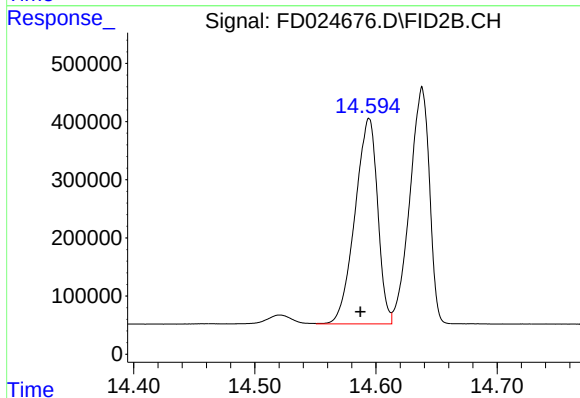
#12 Fluoranthene (C21.85)

R.T.: 12.425 min
Delta R.T.: 0.005 min
Response: 4789585
Conc: 47.93 ug/ml



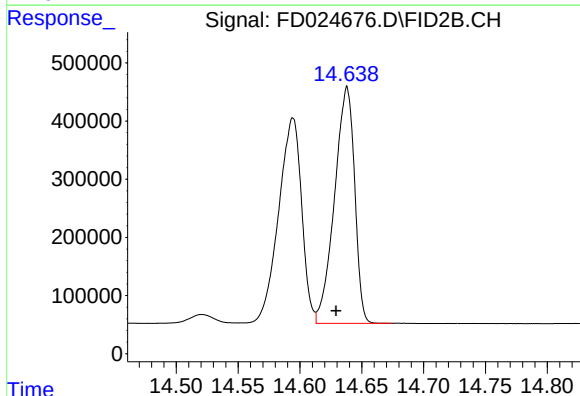
#13 Pyrene (C20.8)

R.T.: 12.721 min
Delta R.T.: 0.005 min
Response: 4747239
Conc: 47.81 ug/ml



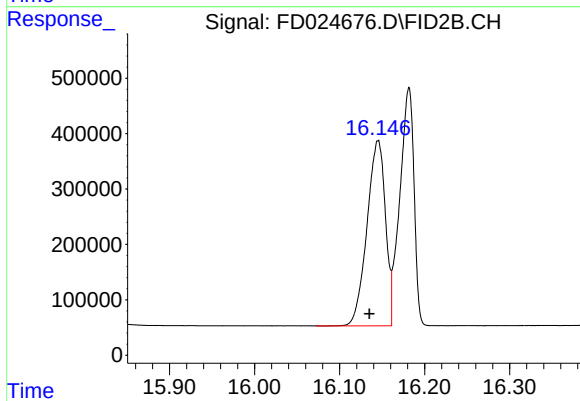
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.594 min
Delta R.T.: 0.007 min
Response: 4582423
Conc: 49.39 ug/ml



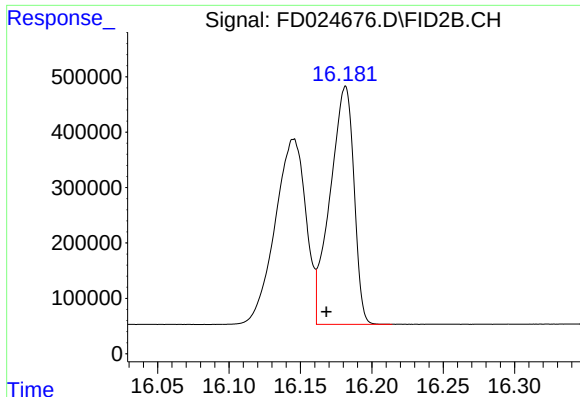
#15 Chrysene (C27.41)

R.T.: 14.638 min
Delta R.T.: 0.009 min
Response: 4589635
Conc: 49.21 ug/ml



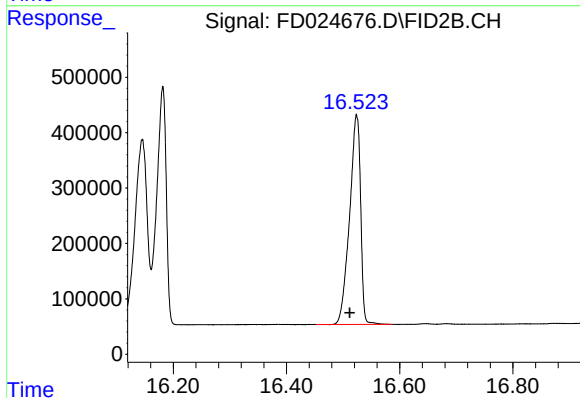
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.145 min
Delta R.T.: 0.010 min
Response: 5034612
Conc: 49.59 ug/ml



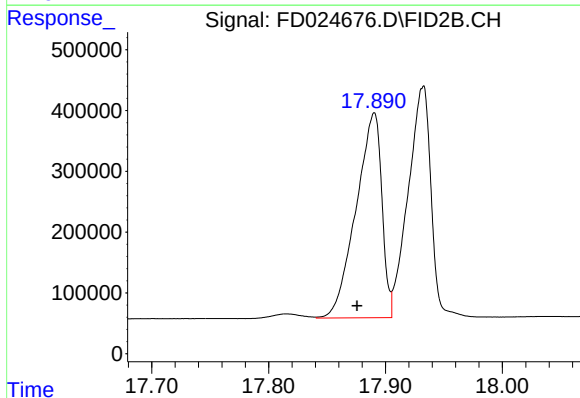
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.182 min
Delta R.T.: 0.013 min
Response: 4989858
Conc: 49.39 ug/ml



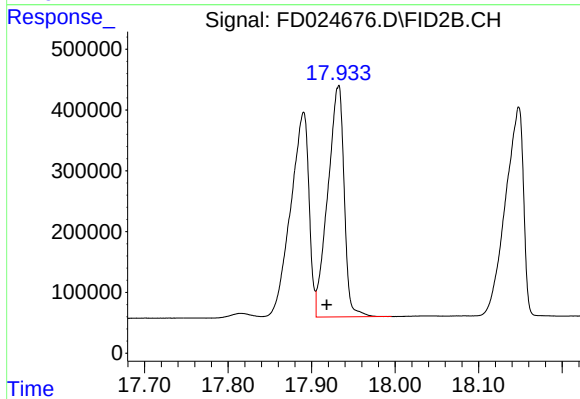
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.524 min
Delta R.T.: 0.012 min
Response: 5126391
Conc: 49.34 ug/ml



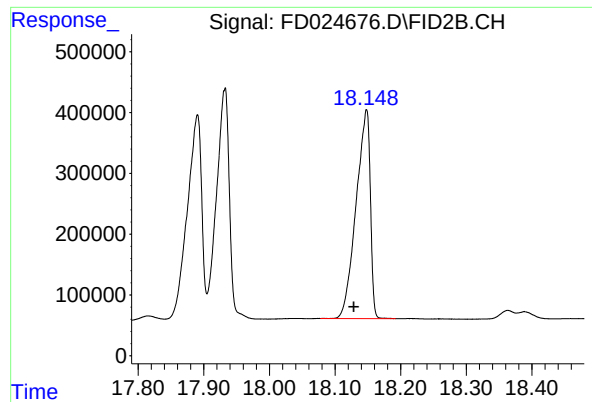
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.890 min
Delta R.T.: 0.015 min
Response: 5165539
Conc: 50.15 ug/ml



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

R.T.: 17.932 min
Delta R.T.: 0.014 min
Response: 5176946
Conc: 49.93 ug/ml



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

R.T.: 18.148 min
Delta R.T.: 0.019 min
Response: 5166984
Conc: 49.61 ug/ml