

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021523AR\
 Data File : FD045025.D
 Signal(s) : FID2B.ch
 Acq On : 15 Feb 2023 11:14
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 06:04:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.556	2506004	17.087 ug/ml
Spiked Amount 50.000		Recovery =	34.17%
6) S 2-Fluorobiphenyl (SURR)	8.412	1677234	16.804 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	33.61%
11) S ortho-Terphenyl (SURR)	11.452	3134164	16.863 ug/ml
Spiked Amount 50.000		Recovery =	33.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	2775984	17.390 ug/ml
2) T Naphthalene (C11.7)	5.896	2931574	17.302 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	2913520	16.983 ug/ml
5) T Acenaphthylene (C15.06)	8.217	2684282	17.082 ug/ml
7) T Acenaphthene (C15.5)	8.512	2825910	16.996 ug/ml
8) T Fluorene (C16.55)	9.290	2750562	16.758 ug/ml
9) T Phenanthrene (C19.36)	10.682	2696784	16.679 ug/ml
10) T Anthracene (C19.43)	10.756	2512010	16.945 ug/ml
12) T Fluoranthene (C21.85)	12.486	2679418	16.742 ug/ml
13) T Pyrene (C20.8)	12.781	2612956	16.652 ug/ml
14) T Benzo[a]anthracene (C...	14.646	2325580	16.294 ug/ml
15) T Chrysene (C27.41)	14.687	2421670	16.356 ug/ml
16) T benzo[b]fluoranthene ...	16.188	2421461	16.692 ug/ml
17) T Bnezo[k]fluoranthene ...	16.220	2381091	16.701 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.564	2365922	16.931 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.922	2309119	17.159 ug/ml
20) T Dibenz[a,h]anthracene...	17.963	2211531	16.688 ug/ml
21) T Benzo[g,h,i]perylene ...	18.175	2367768	17.414 ug/ml

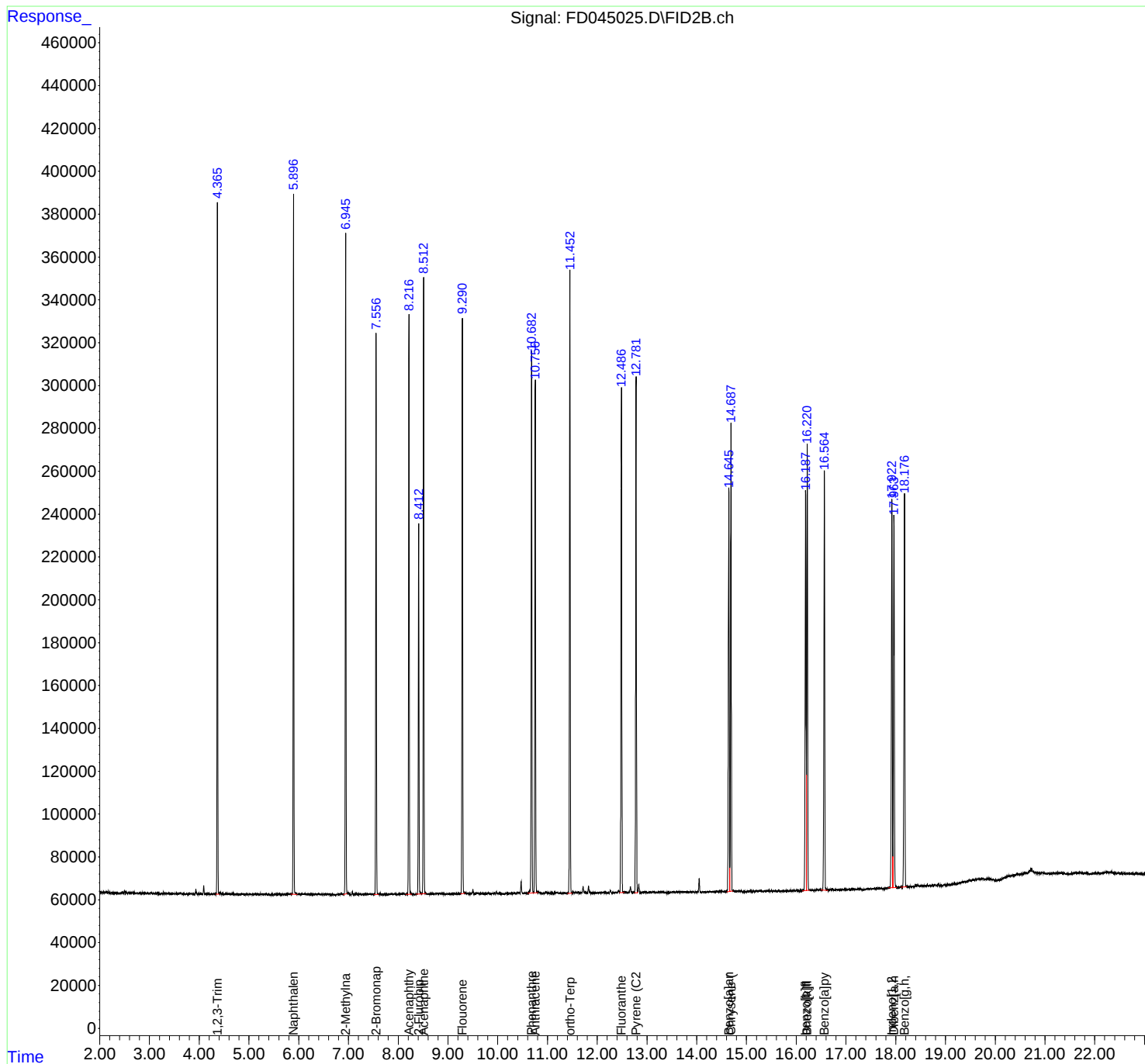
(f)=RT Delta > 1/2 Window

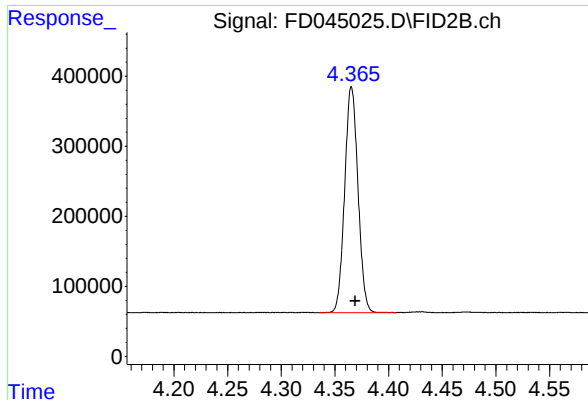
(m)=manual int.

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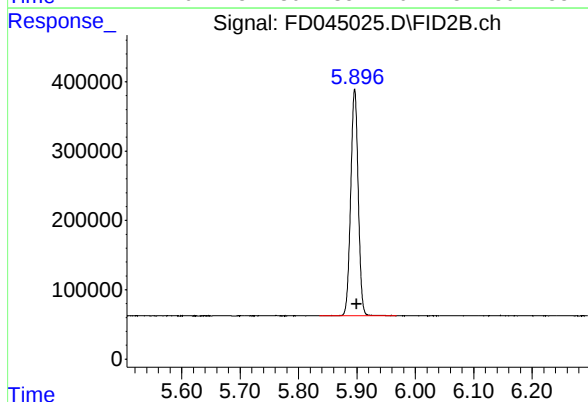
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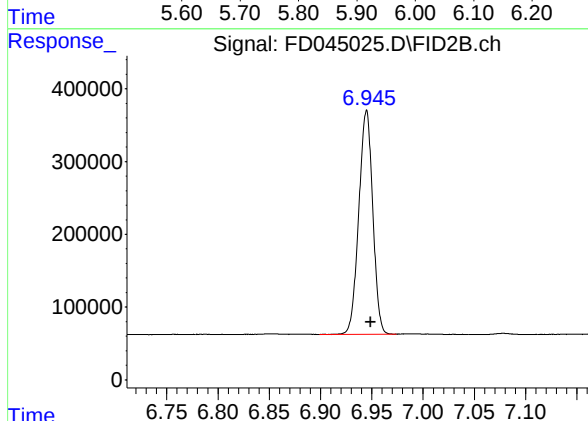
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 2775984
Conc: 17.39 ug/ml



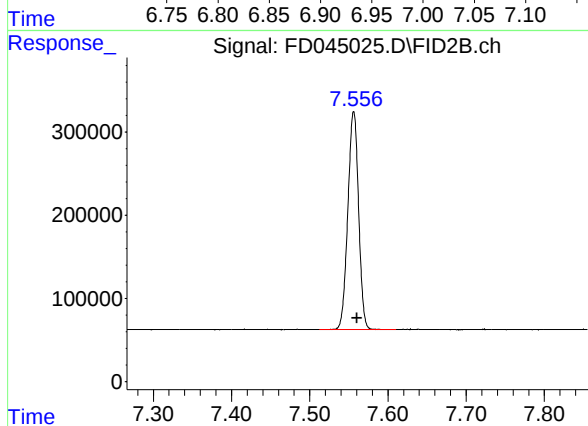
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.003 min
Response: 2931574
Conc: 17.30 ug/ml



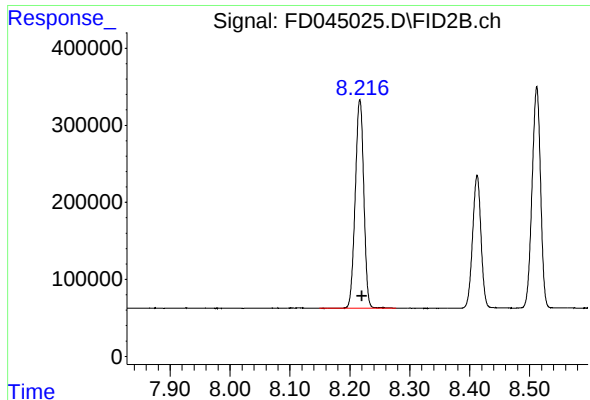
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 2913520
Conc: 16.98 ug/ml



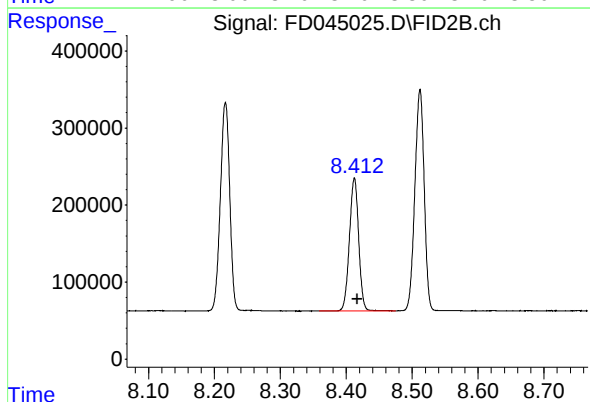
#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 2506004
Conc: 17.09 ug/ml



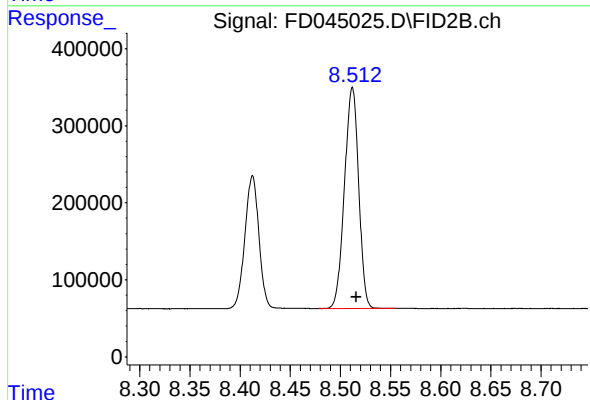
#5 Acenaphthylene (C15.06)

R.T.: 8.217 min
Delta R.T.: -0.004 min
Response: 2684282
Conc: 17.08 ug/ml



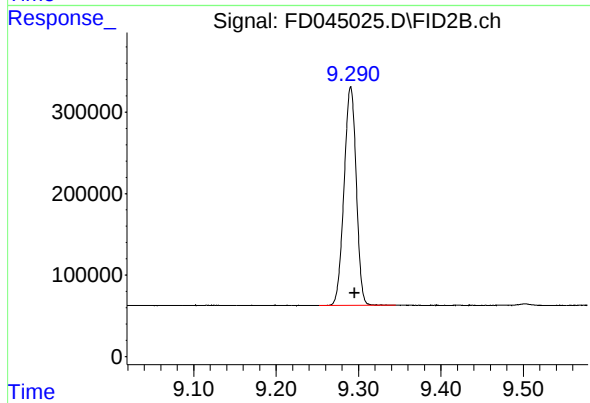
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.004 min
Response: 1677234
Conc: 16.80 ug/ml



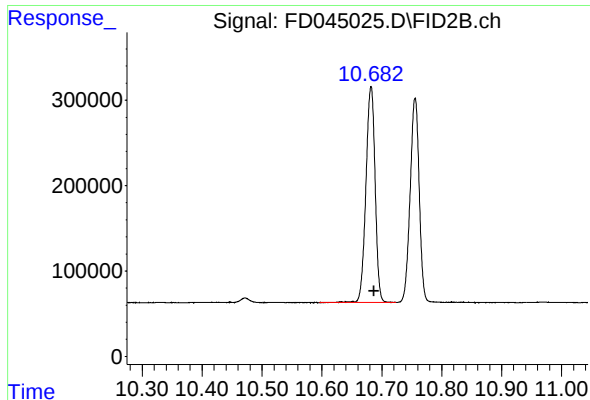
#7 Acenaphthene (C15.5)

R.T.: 8.512 min
Delta R.T.: -0.004 min
Response: 2825910
Conc: 17.00 ug/ml



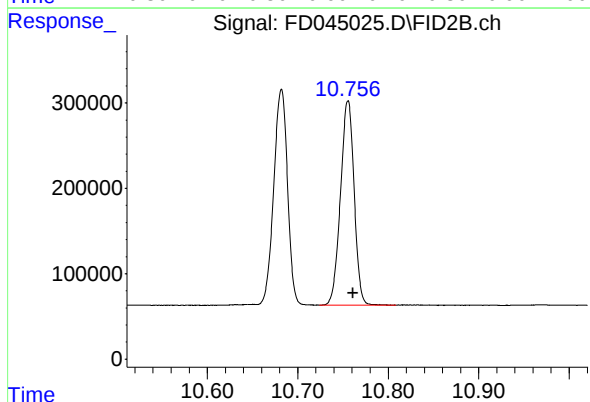
#8 Fluorene (C16.55)

R.T.: 9.290 min
Delta R.T.: -0.005 min
Response: 2750562
Conc: 16.76 ug/ml



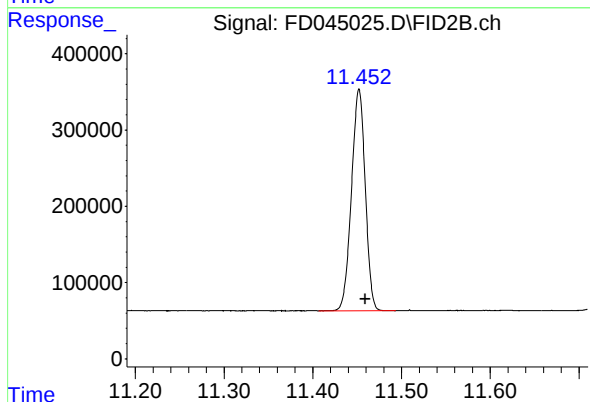
#9 Phenanthrene (C19.36)

R.T.: 10.682 min
Delta R.T.: -0.005 min
Response: 2696784
Conc: 16.68 ug/ml



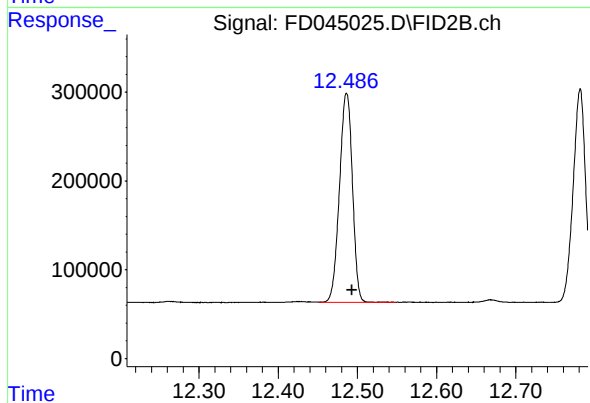
#10 Anthracene (C19.43)

R.T.: 10.756 min
Delta R.T.: -0.005 min
Response: 2512010
Conc: 16.94 ug/ml



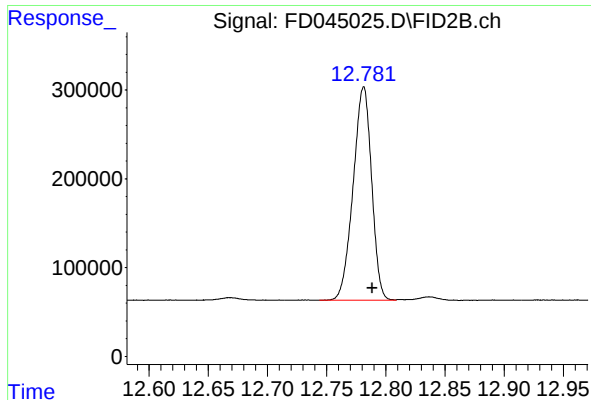
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.007 min
Response: 3134164
Conc: 16.86 ug/ml



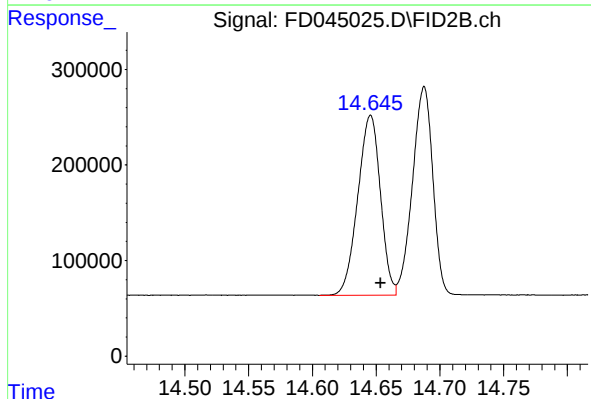
#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: -0.007 min
Response: 2679418
Conc: 16.74 ug/ml



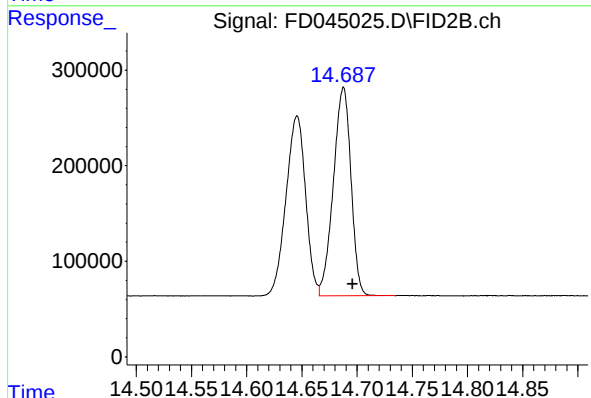
#13 Pyrene (C20.8)

R.T.: 12.781 min
Delta R.T.: -0.007 min
Response: 2612956
Conc: 16.65 ug/ml



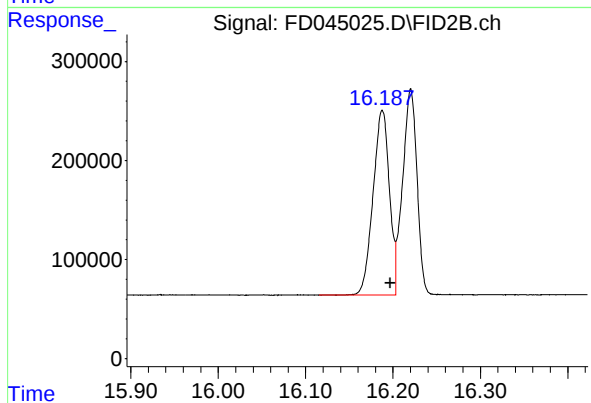
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: -0.008 min
Response: 2325580
Conc: 16.29 ug/ml



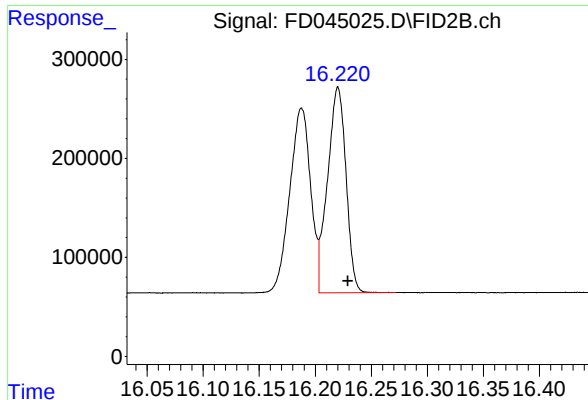
#15 Chrysene (C27.41)

R.T.: 14.687 min
Delta R.T.: -0.009 min
Response: 2421670
Conc: 16.36 ug/ml



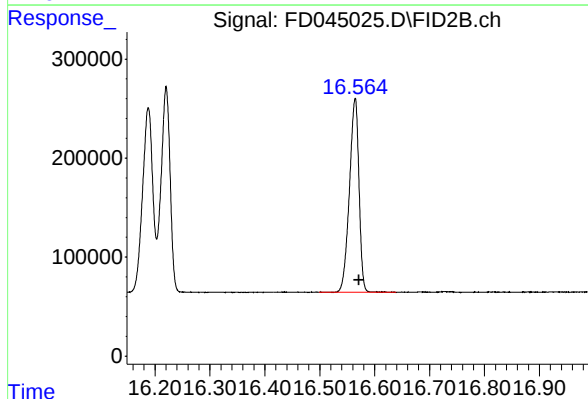
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.188 min
Delta R.T.: -0.009 min
Response: 2421461
Conc: 16.69 ug/ml



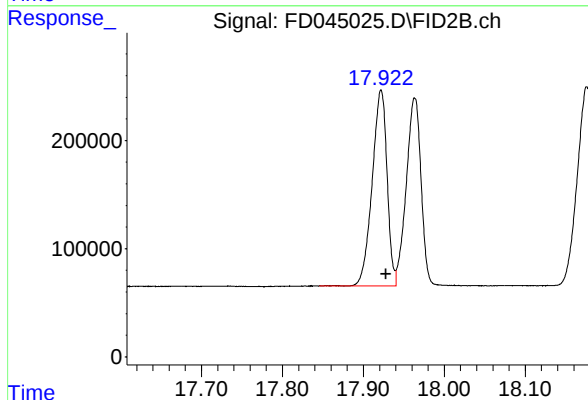
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.220 min
Delta R.T.: -0.009 min
Response: 2381091
Conc: 16.70 ug/ml



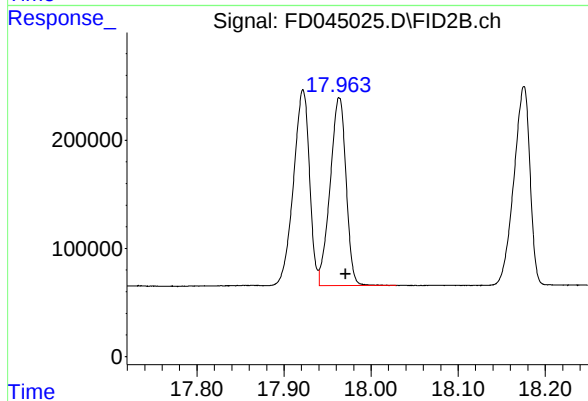
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.564 min
Delta R.T.: -0.008 min
Response: 2365922
Conc: 16.93 ug/ml



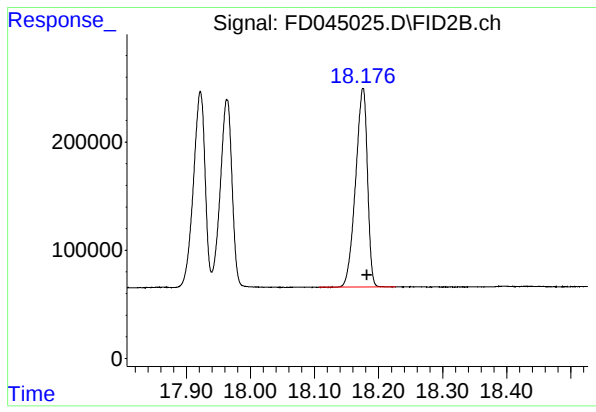
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.922 min
Delta R.T.: -0.006 min
Response: 2309119
Conc: 17.16 ug/ml



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

R.T.: 17.963 min
Delta R.T.: -0.007 min
Response: 2211531
Conc: 16.69 ug/ml



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

R.T.: 18.175 min
Delta R.T.: -0.007 min
Response: 2367768
Conc: 17.41 ug/ml