

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022123AR\
 Data File : FD045101.D
 Signal(s) : FID2B.ch
 Acq On : 21 Feb 2023 19:37
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 22 04:50:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:49:01 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...	7.554	733304	5.406 ug/ml
Spiked Amount 50.000		Recovery =	10.81%
6) S 2-Fluorobiphenyl (SURR)	8.410	479936	5.298 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.60%
11) S ortho-Terphenyl (SURR)	11.449	934267	5.545 ug/ml
Spiked Amount 50.000		Recovery =	11.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	827031	5.506 ug/ml
2) T Naphthalene (C11.7)	5.895	871030	5.510 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	853863	5.405 ug/ml
5) T Acenaphthylene (C15.06)	8.214	770213	5.320 ug/ml
7) T Acenaphthene (C15.5)	8.509	814098	5.339 ug/ml
8) T Fluorene (C16.55)	9.287	788132	5.284 ug/ml
9) T Phenanthrene (C19.36)	10.678	779960	5.316 ug/ml
10) T Anthracene (C19.43)	10.752	725689	5.332 ug/ml
12) T Fluoranthene (C21.85)	12.483	772535	5.359 ug/ml
13) T Pyrene (C20.8)	12.777	761625	5.394 ug/ml
14) T Benzo[a]anthracene (C...	14.642	686192	5.355 ug/ml
15) T Chrysene (C27.41)	14.683	724391	5.453 ug/ml
16) T benzo[b]fluoranthene ...	16.183	714575	5.428 ug/ml
17) T Bnezo[k]fluoranthene ...	16.214	714863	5.535 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	708527	5.533 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.915	671572	5.365 ug/ml
20) T Dibenz[a,h]anthracene...	17.959	676440	5.502 ug/ml
21) T Benzo[g,h,i]perylene ...	18.166	695191	5.460 ug/ml

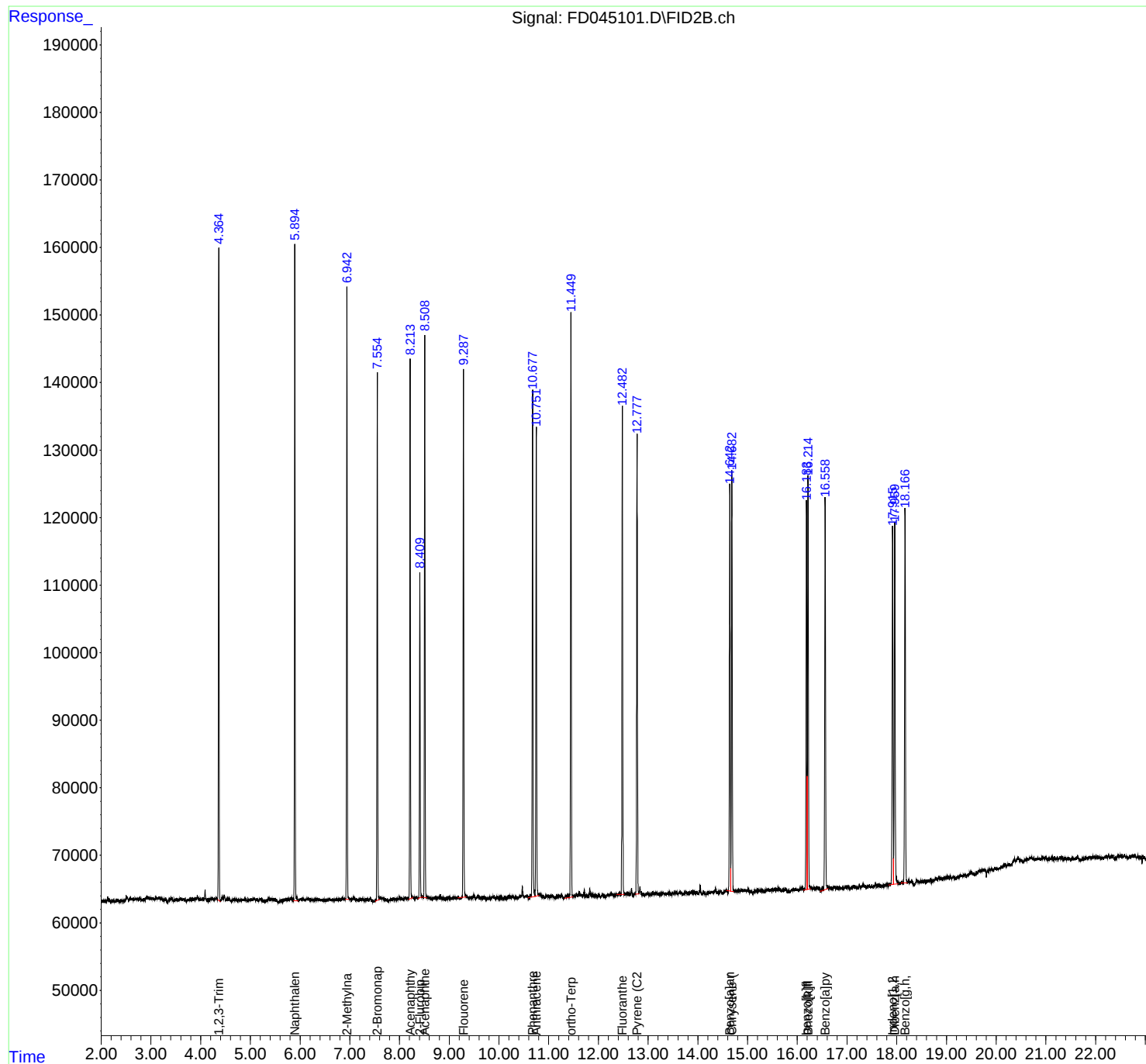
(f)=RT Delta > 1/2 Window

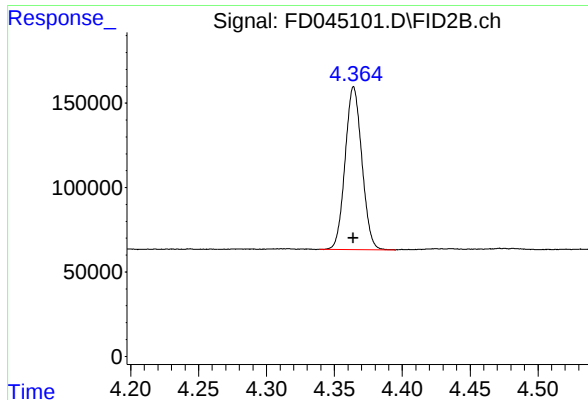
(m)=manual int.

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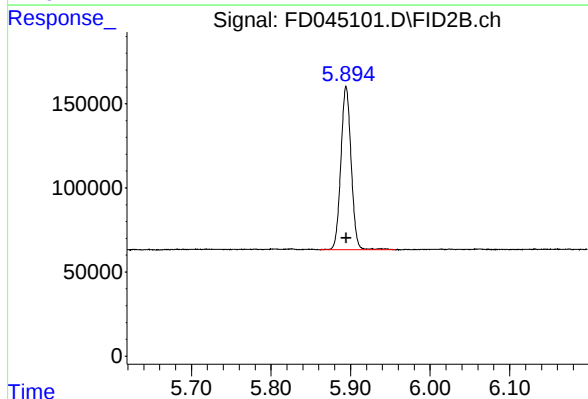
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Signal Info : 20M x 0.18mm x 0.18µm





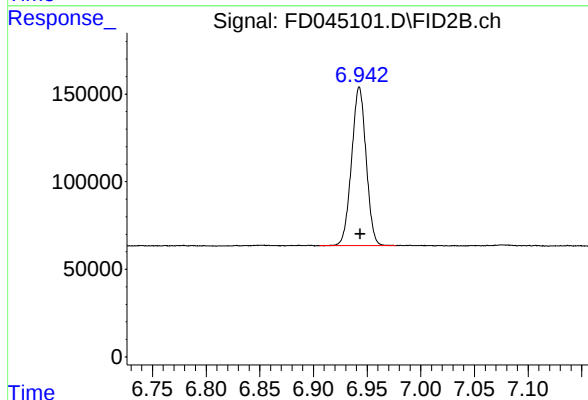
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: 0.000 min
Response: 827031
Conc: 5.51 ug/ml



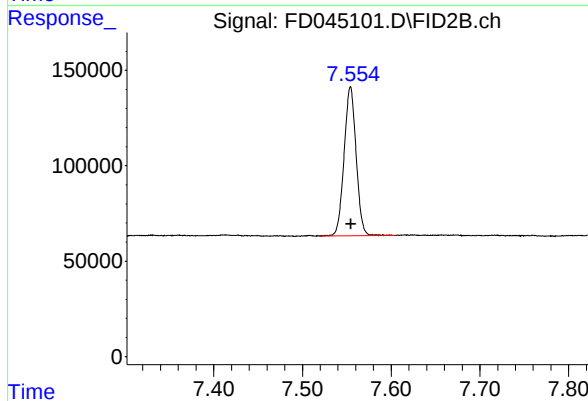
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 871030
Conc: 5.51 ug/ml



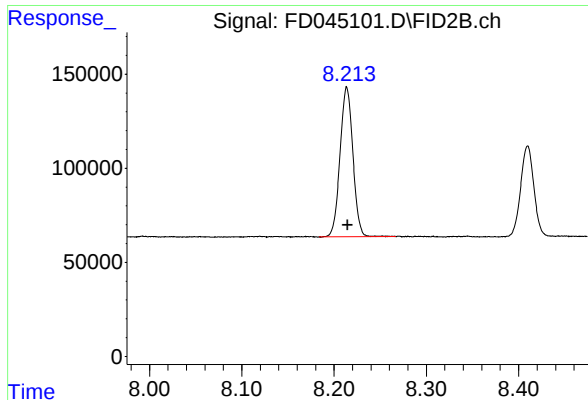
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 853863
Conc: 5.40 ug/ml



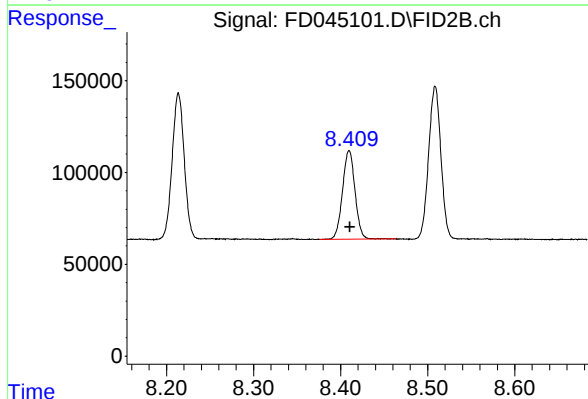
#4 2-Bromonaphthalene (SURR)

R.T.: 7.554 min
Delta R.T.: 0.000 min
Response: 733304
Conc: 5.41 ug/ml



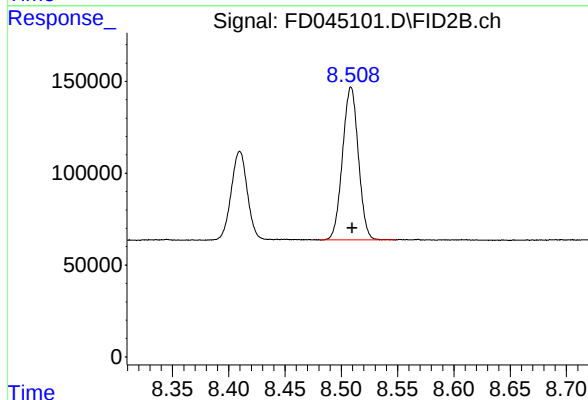
#5 Acenaphthylene (C15.06)

R.T.: 8.214 min
Delta R.T.: 0.000 min
Response: 770213
Conc: 5.32 ug/ml



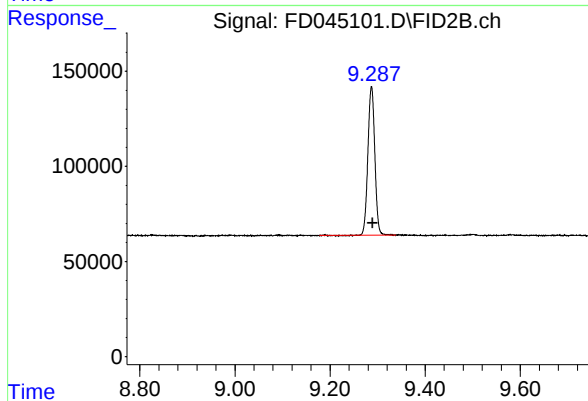
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.410 min
Delta R.T.: -0.001 min
Response: 479936
Conc: 5.30 ug/ml



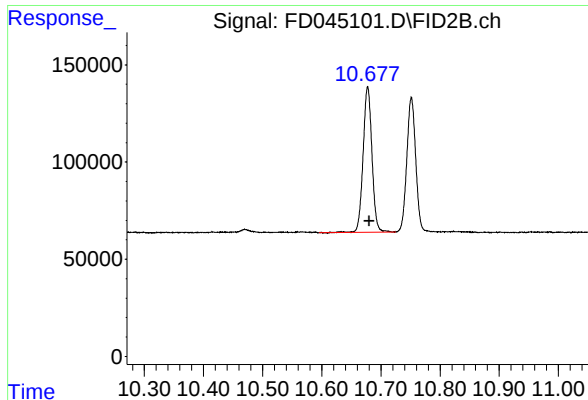
#7 Acenaphthene (C15.5)

R.T.: 8.509 min
Delta R.T.: -0.001 min
Response: 814098
Conc: 5.34 ug/ml



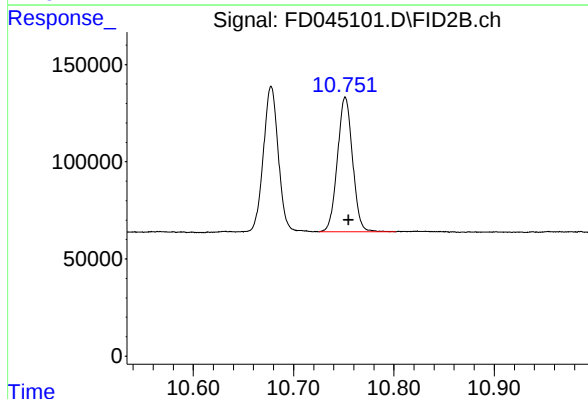
#8 Flouorene (C16.55)

R.T.: 9.287 min
Delta R.T.: -0.002 min
Response: 788132
Conc: 5.28 ug/ml



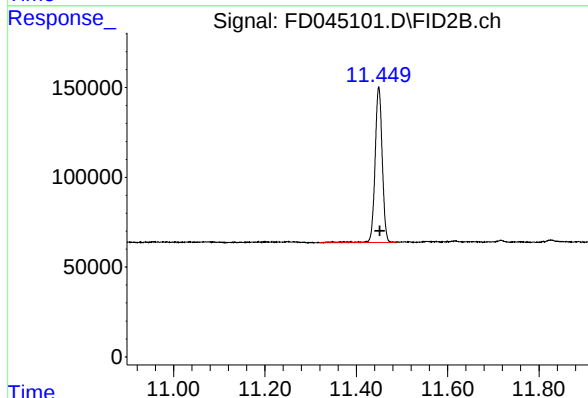
#9 Phenanthrene (C19.36)

R.T.: 10.678 min
Delta R.T.: -0.003 min
Response: 779960
Conc: 5.32 ug/ml



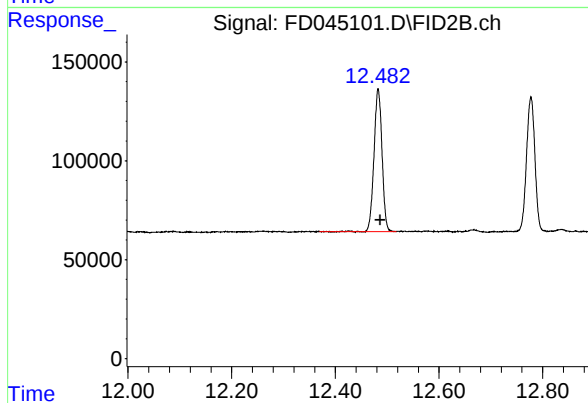
#10 Anthracene (C19.43)

R.T.: 10.752 min
Delta R.T.: -0.003 min
Response: 725689
Conc: 5.33 ug/ml



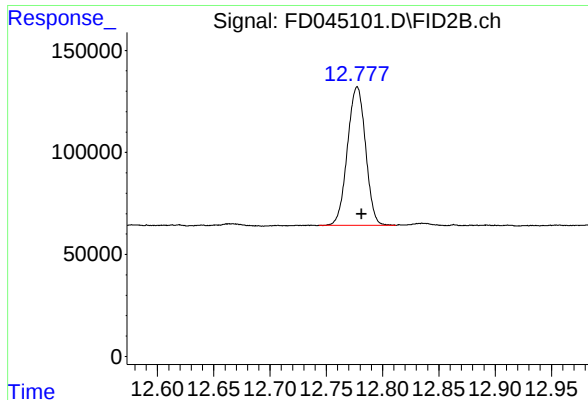
#11 ortho-Terphenyl (SURR)

R.T.: 11.449 min
Delta R.T.: -0.002 min
Response: 934267
Conc: 5.54 ug/ml



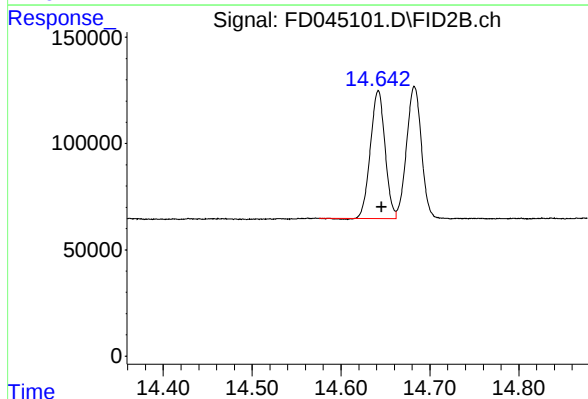
#12 Fluoranthene (C21.85)

R.T.: 12.483 min
Delta R.T.: -0.004 min
Response: 772535
Conc: 5.36 ug/ml



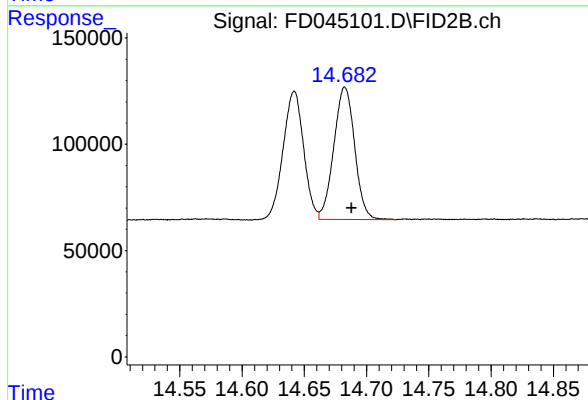
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.004 min
Response: 761625
Conc: 5.39 ug/ml



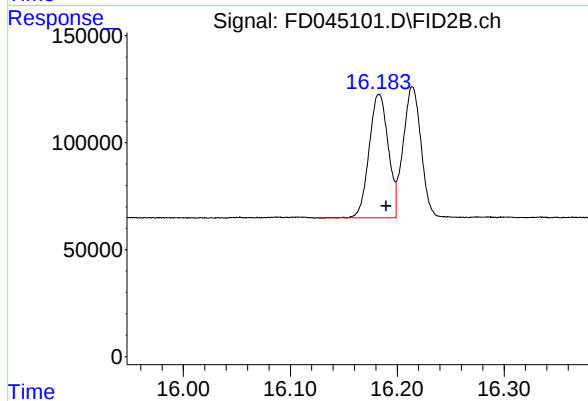
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: -0.004 min
Response: 686192
Conc: 5.35 ug/ml



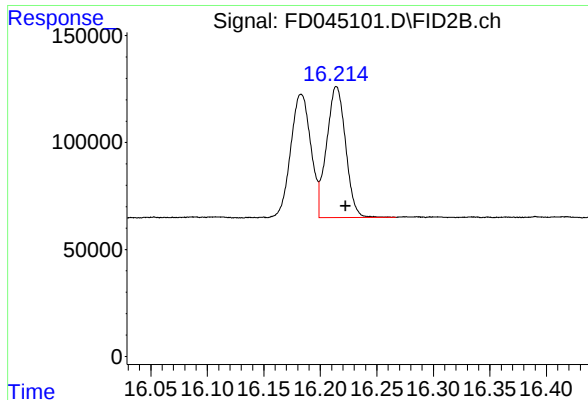
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: -0.006 min
Response: 724391
Conc: 5.45 ug/ml



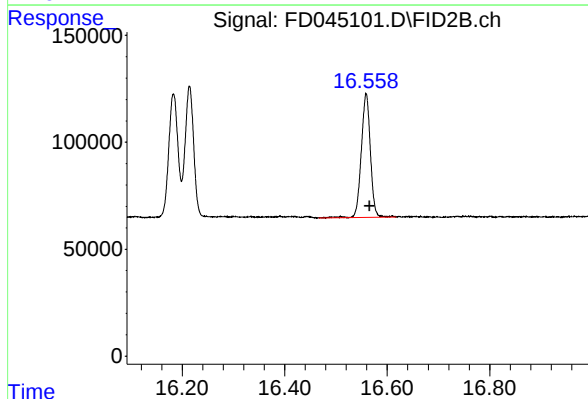
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.183 min
Delta R.T.: -0.007 min
Response: 714575
Conc: 5.43 ug/ml



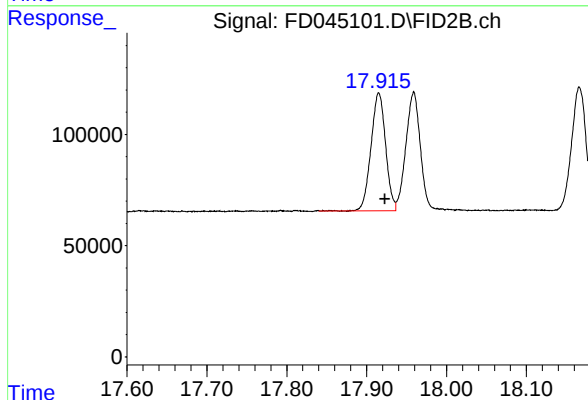
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.214 min
Delta R.T.: -0.008 min
Response: 714863
Conc: 5.53 ug/ml



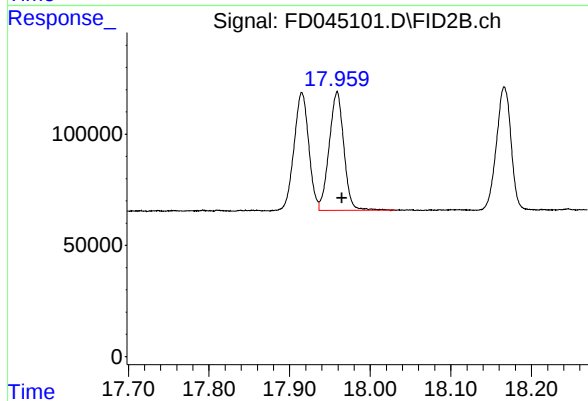
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.559 min
Delta R.T.: -0.007 min
Response: 708527
Conc: 5.53 ug/ml



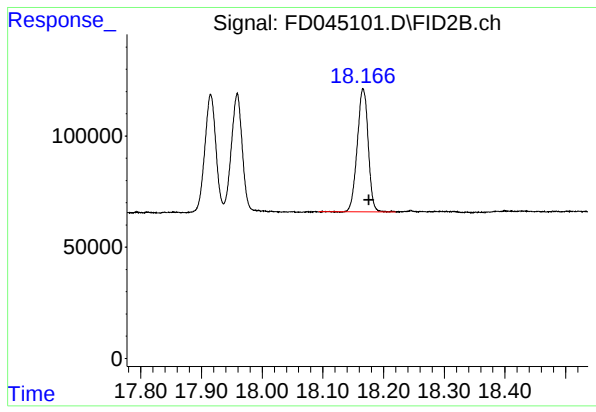
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.915 min
Delta R.T.: -0.008 min
Response: 671572
Conc: 5.37 ug/ml



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

R.T.: 17.959 min
Delta R.T.: -0.006 min
Response: 676440
Conc: 5.50 ug/ml



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

R.T.: 18.166 min
Delta R.T.: -0.010 min
Response: 695191
Conc: 5.46 ug/ml