

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AR\
 Data File : FF015191.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 11:33
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 13:11:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:08:35 2024
 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...	7.989	667918	4.977 ug/ml
Spiked Amount 50.000		Recovery =	9.95%
6) S 2-Fluorobiphenyl (SURR)	8.862	454000	4.958 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.92%
11) S ortho-Terphenyl (SURR)	11.921	755802	5.017 ug/ml
Spiked Amount 50.000		Recovery =	10.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	734142	5.015 ug/ml
2) T Naphthalene (C11.7)	6.271	753182	4.975 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	734017	4.958 ug/ml
5) T Acenaphthylene (C15.06)	8.663	761258	5.010 ug/ml
7) T Acenaphthene (C15.5)	8.961	720522	4.902 ug/ml
8) T Flouorene (C16.55)	9.749	746173	4.966 ug/ml
9) T Phenanthrene (C19.36)	11.151	733441	4.995 ug/ml
10) T Anthracene (C19.43)	11.226	724669	5.015 ug/ml
12) T Fluoranthene (C21.85)	12.968	732010	4.974 ug/ml
13) T Pyrene (C20.8)	13.266	717527	4.919 ug/ml
14) T Benzo[a]anthracene (C...	15.140	689711	4.912 ug/ml
15) T Chrysene (C27.41)	15.182	699420	4.982 ug/ml
16) T benzo[b]fluoranthene ...	16.692	681961	4.940 ug/ml
17) T Bnezo[k]fluoranthene ...	16.723	693166	5.037 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.071	651707	4.974 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.438	583025	4.797 ug/ml
20) T Dibenz[a,h]anthracene...	18.479	715824	5.353 ug/ml
21) T Benzo[g,h,i]perylene ...	18.692	637205	4.947 ug/ml

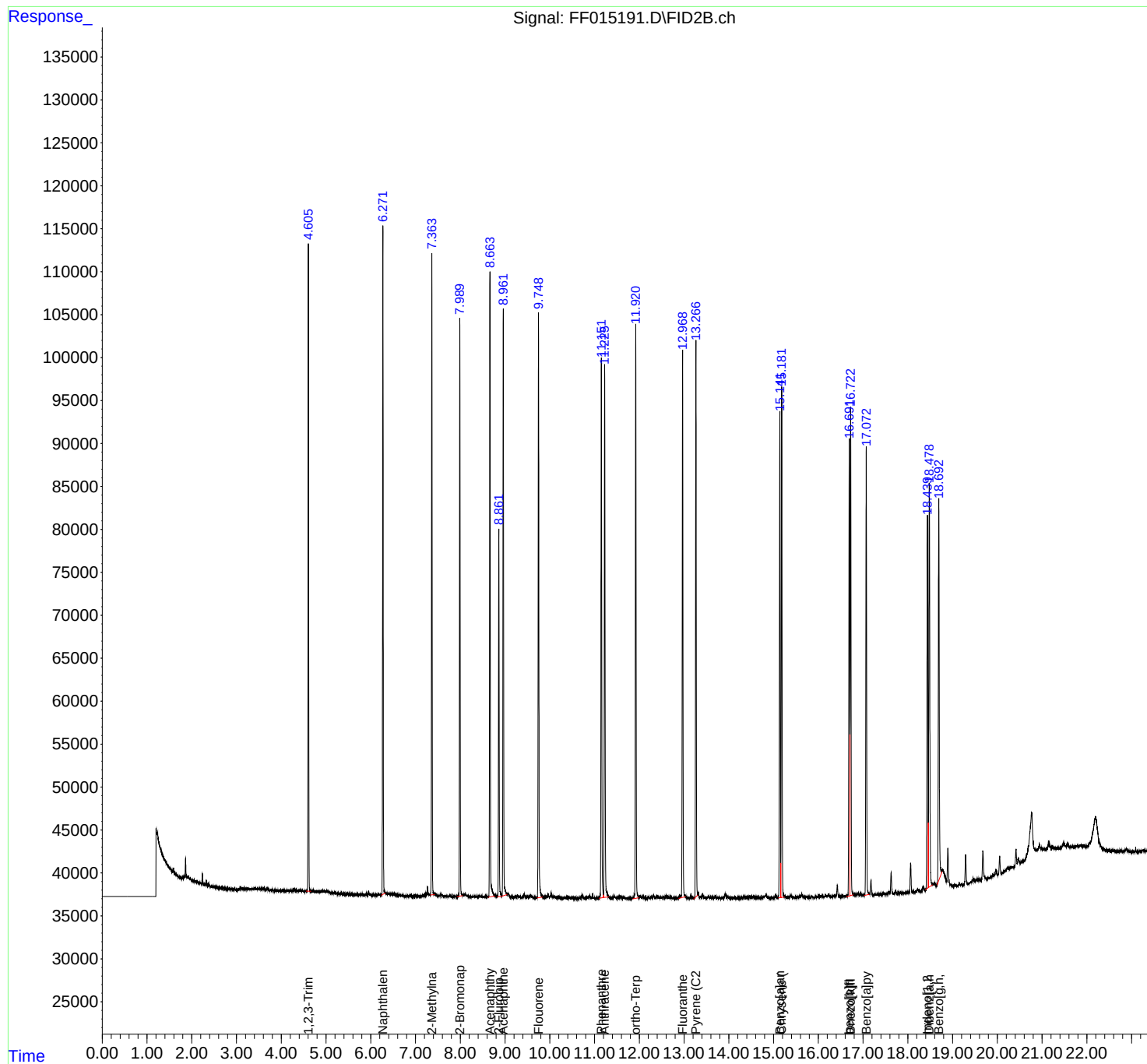
(f)=RT Delta > 1/2 Window

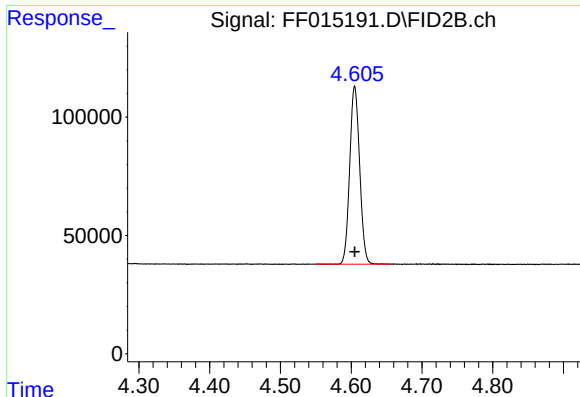
(m)=manual int.

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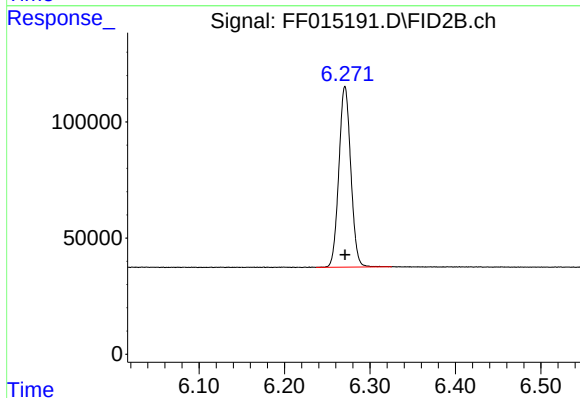
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Signal Info : 20M x 0.18mm x 0.18µm





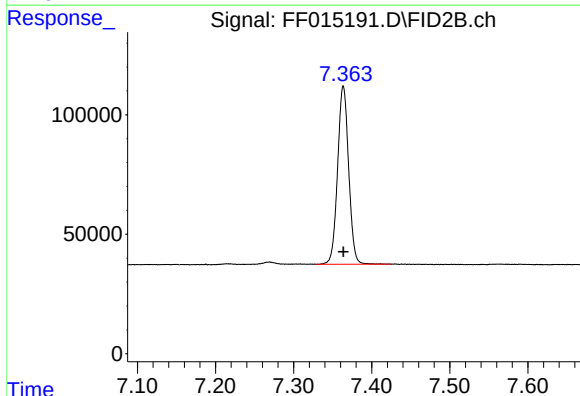
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 734142
Conc: 5.01 ug/ml



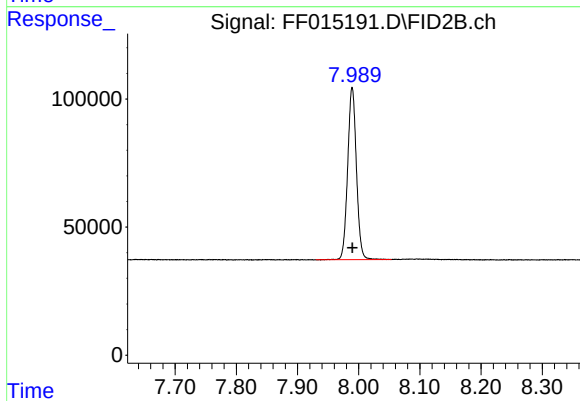
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 753182
Conc: 4.97 ug/ml



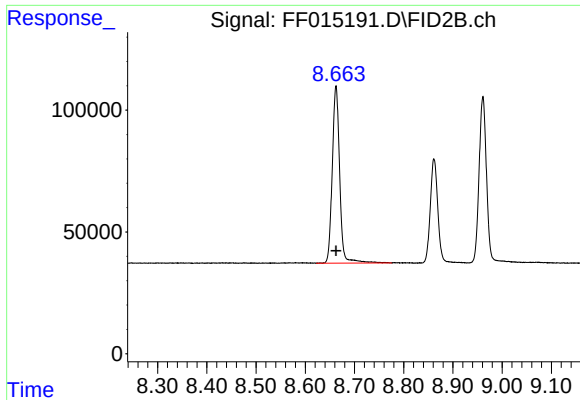
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 734017
Conc: 4.96 ug/ml



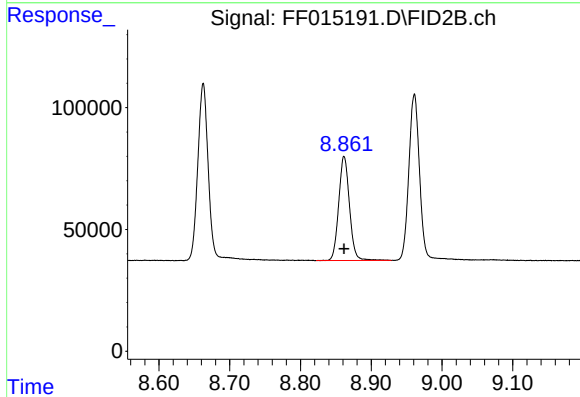
#4 2-Bromonaphthalene (SURR)

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 667918
Conc: 4.98 ug/ml



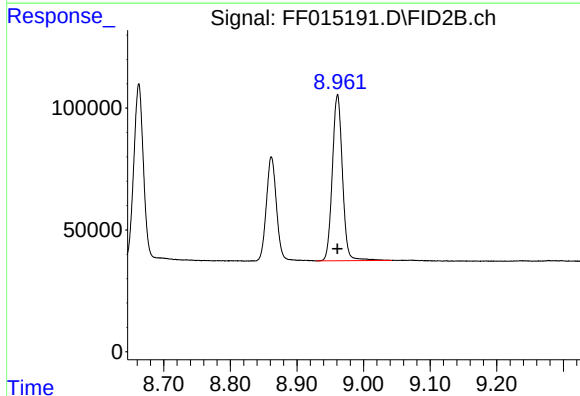
#5 Acenaphthylene (C15.06)

R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 761258
Conc: 5.01 ug/ml



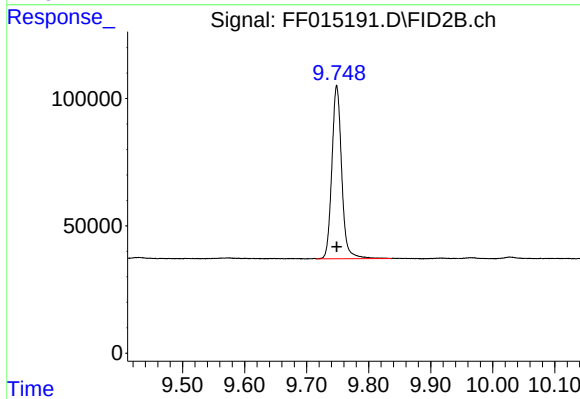
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 454000
Conc: 4.96 ug/ml



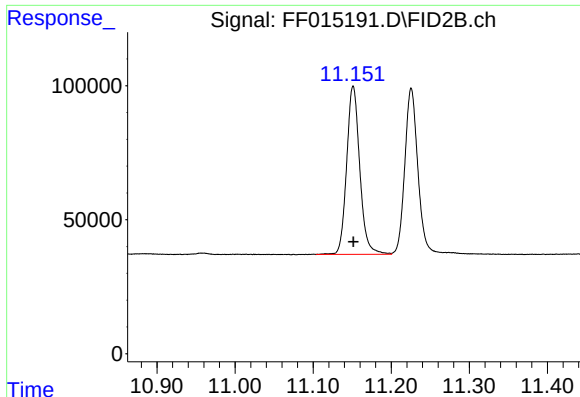
#7 Acenaphthene (C15.5)

R.T.: 8.961 min
Delta R.T.: 0.000 min
Response: 720522
Conc: 4.90 ug/ml



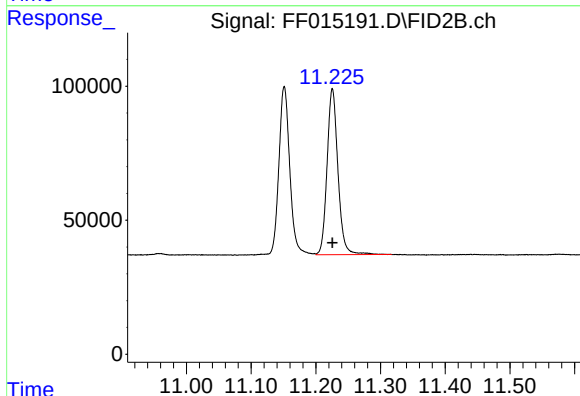
#8 Flouorene (C16.55)

R.T.: 9.749 min
Delta R.T.: 0.000 min
Response: 746173
Conc: 4.97 ug/ml



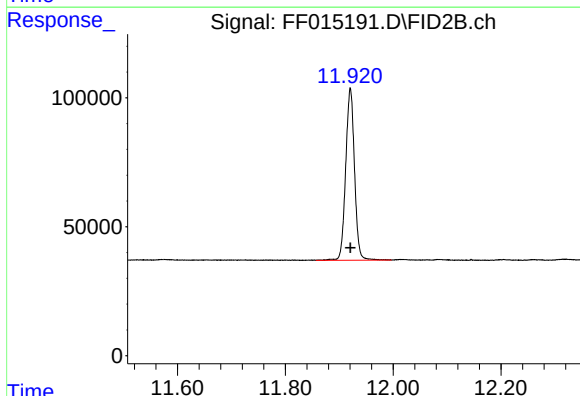
#9 Phenanthrene (C19.36)

R.T.: 11.151 min
Delta R.T.: 0.000 min
Response: 733441
Conc: 4.99 ug/ml



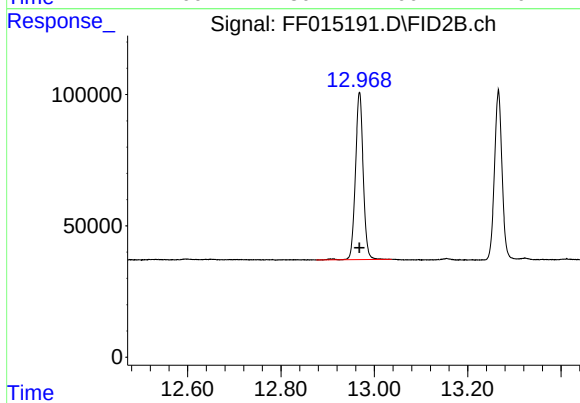
#10 Anthracene (C19.43)

R.T.: 11.226 min
Delta R.T.: 0.000 min
Response: 724669
Conc: 5.02 ug/ml



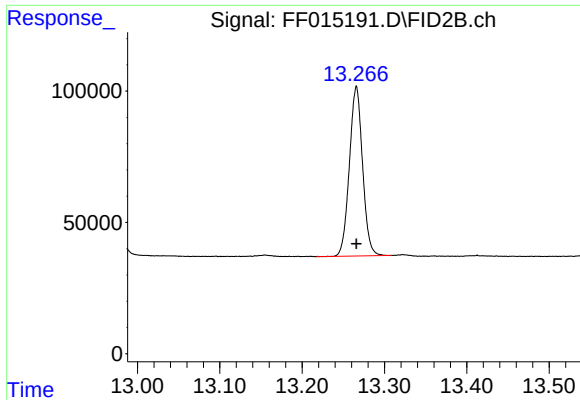
#11 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: 0.000 min
Response: 755802
Conc: 5.02 ug/ml



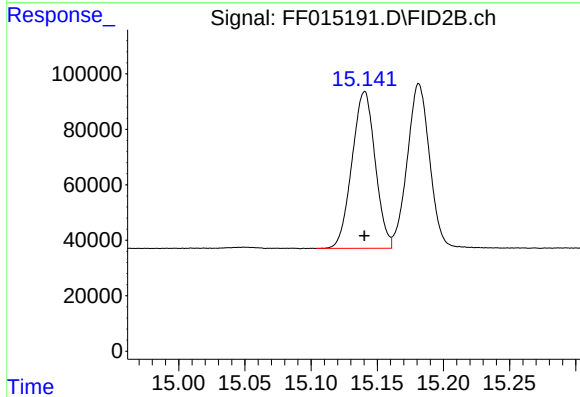
#12 Fluoranthene (C21.85)

R.T.: 12.968 min
Delta R.T.: 0.000 min
Response: 732010
Conc: 4.97 ug/ml



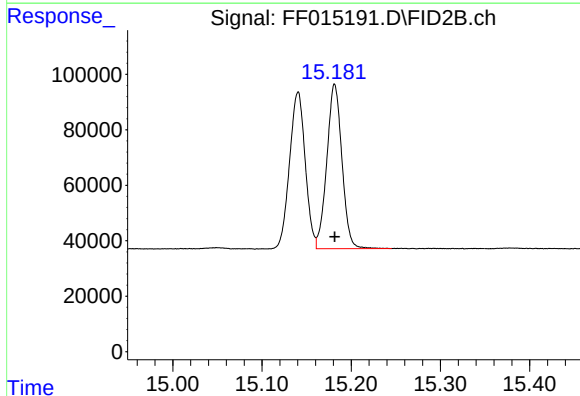
#13 Pyrene (C20.8)

R.T.: 13.266 min
Delta R.T.: 0.000 min
Response: 717527
Conc: 4.92 ug/ml



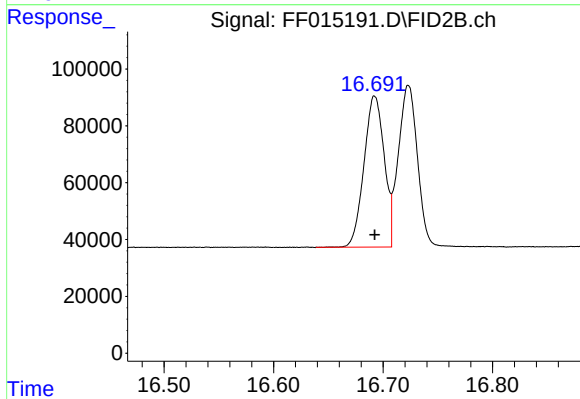
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.140 min
Delta R.T.: 0.000 min
Response: 689711
Conc: 4.91 ug/ml



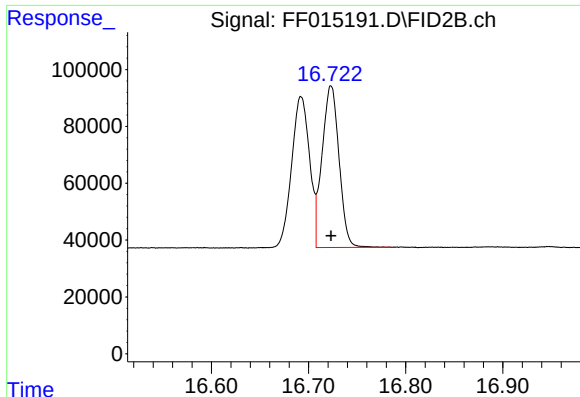
#15 Chrysene (C27.41)

R.T.: 15.182 min
Delta R.T.: 0.000 min
Response: 699420
Conc: 4.98 ug/ml



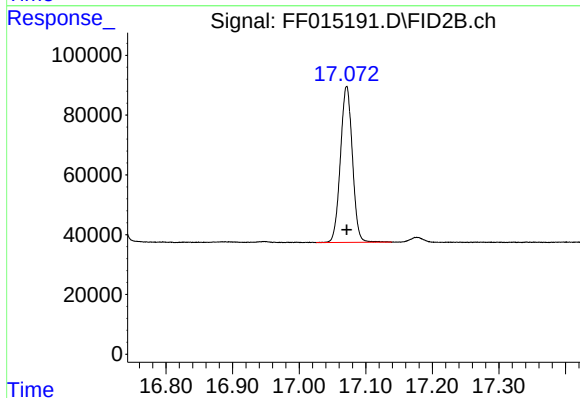
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.692 min
Delta R.T.: 0.000 min
Response: 681961
Conc: 4.94 ug/ml



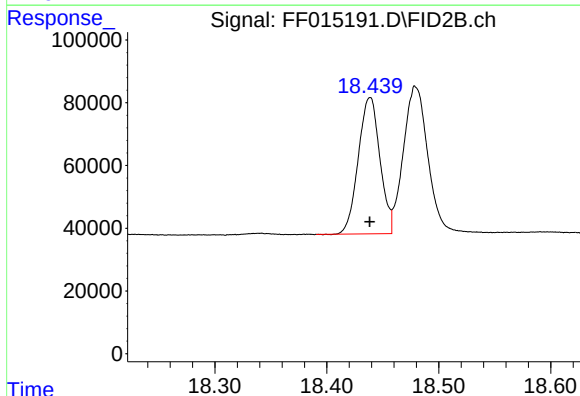
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.723 min
Delta R.T.: 0.000 min
Response: 693166
Conc: 5.04 ug/ml



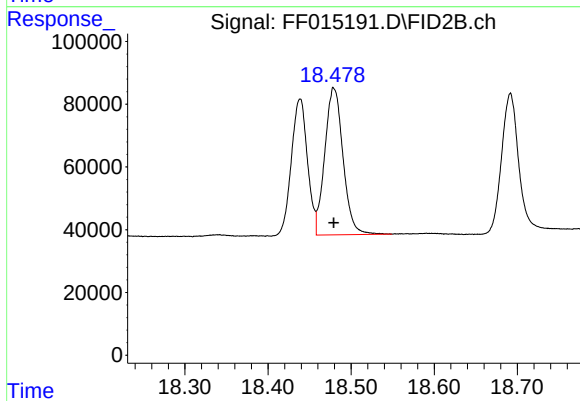
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.071 min
Delta R.T.: 0.000 min
Response: 651707
Conc: 4.97 ug/ml



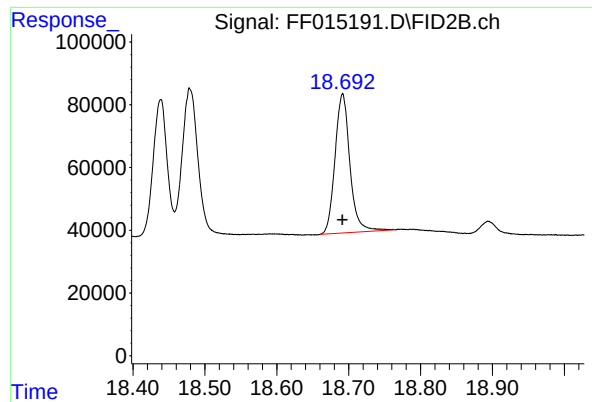
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.438 min
Delta R.T.: 0.000 min
Response: 583025
Conc: 4.80 ug/ml



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

R.T.: 18.479 min
Delta R.T.: 0.000 min
Response: 715824
Conc: 5.35 ug/ml



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

R.T.: 18.692 min
Delta R.T.: 0.000 min
Response: 637205
Conc: 4.95 ug/ml