

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AR\
 Data File : FF015190.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 11:05
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 13:09:32 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...	7.990	1467603	10.923 ug/ml
Spiked Amount 50.000		Recovery =	21.85%
6) S 2-Fluorobiphenyl (SURR)	8.862	998869	10.885 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.77%
11) S ortho-Terphenyl (SURR)	11.921	1657601	11.013 ug/ml
Spiked Amount 50.000		Recovery =	22.03%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	1599714	10.935 ug/ml
2) T Naphthalene (C11.7)	6.271	1653765	10.910 ug/ml
3) T 2-Methylnaphthalene (...)	7.364	1614128	10.881 ug/ml
5) T Acenaphthylene (C15.06)	8.663	1662077	10.945 ug/ml
7) T Acenaphthene (C15.5)	8.962	1610200	10.902 ug/ml
8) T Flouorene (C16.55)	9.749	1644277	10.926 ug/ml
9) T Phenanthrene (C19.36)	11.152	1609180	10.956 ug/ml
10) T Anthracene (C19.43)	11.226	1592258	11.028 ug/ml
12) T Fluoranthene (C21.85)	12.969	1610610	10.929 ug/ml
13) T Pyrene (C20.8)	13.266	1595599	10.895 ug/ml
14) T Benzo[a]anthracene (C...	15.141	1530749	10.853 ug/ml
15) T Chrysene (C27.41)	15.182	1533310	10.913 ug/ml
16) T benzo[b]fluoranthene ...	16.694	1509151	10.898 ug/ml
17) T Bnezo[k]fluoranthene ...	16.725	1509299	10.987 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.073	1434351	10.934 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.439	1315177	10.711 ug/ml
20) T Dibenz[a,h]anthracene...	18.481	1504094	11.450 ug/ml
21) T Benzo[g,h,i]perylene ...	18.694	1420621	10.999 ug/ml

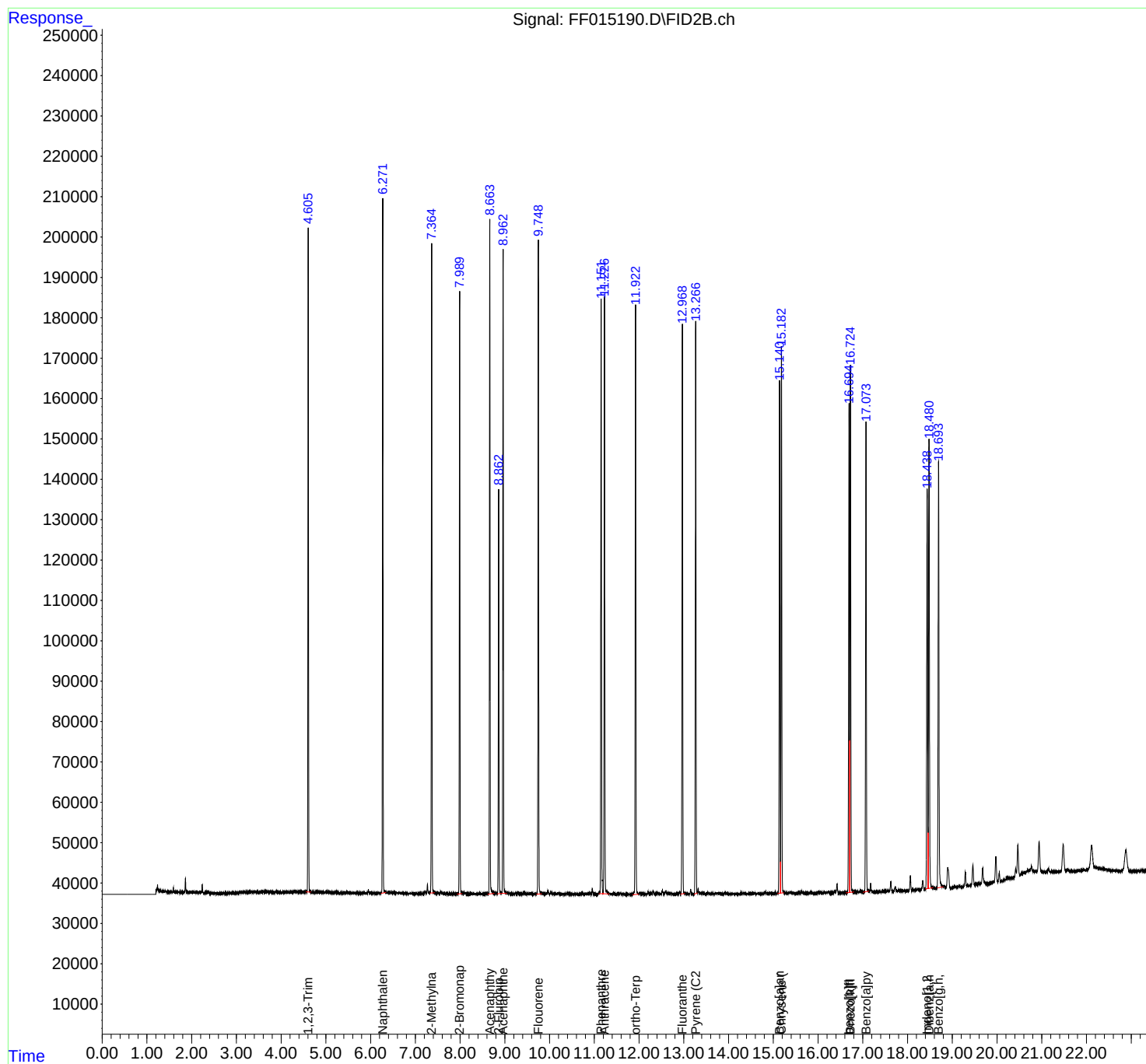
(f)=RT Delta > 1/2 Window

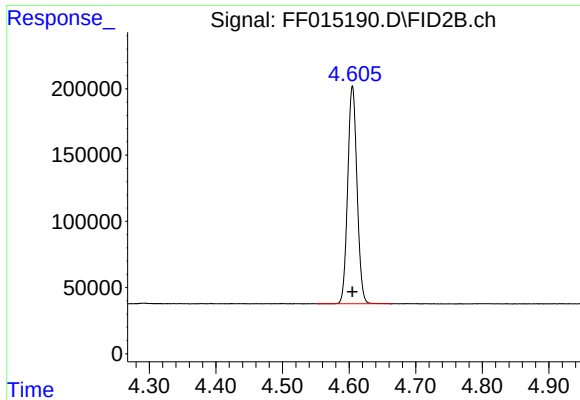
(m)=manual int.

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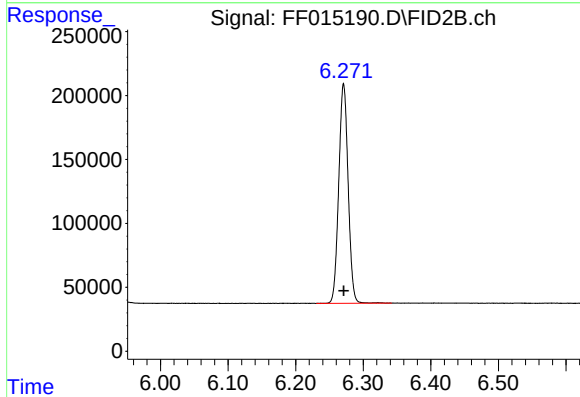
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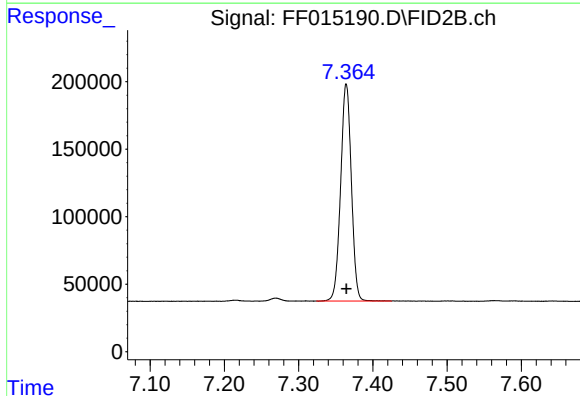
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 1599714
Conc: 10.94 ug/ml



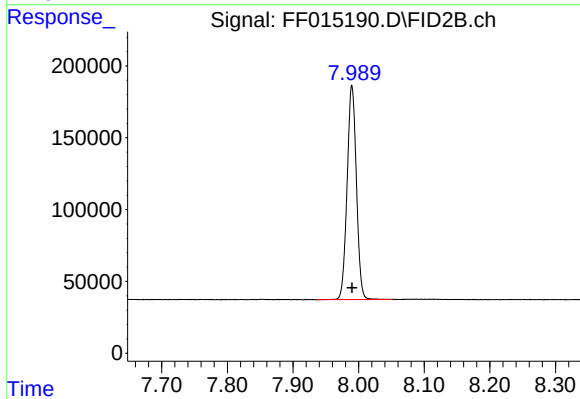
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 1653765
Conc: 10.91 ug/ml



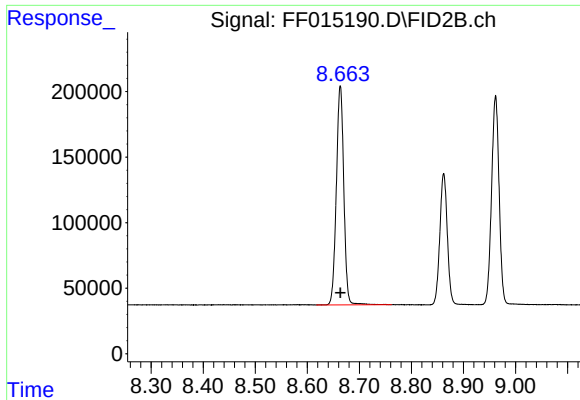
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.364 min
Delta R.T.: 0.000 min
Response: 1614128
Conc: 10.88 ug/ml



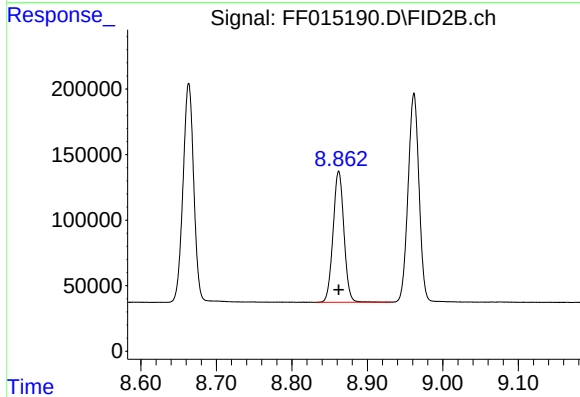
#4 2-Bromonaphthalene (SURR)

R.T.: 7.990 min
Delta R.T.: 0.000 min
Response: 1467603
Conc: 10.92 ug/ml



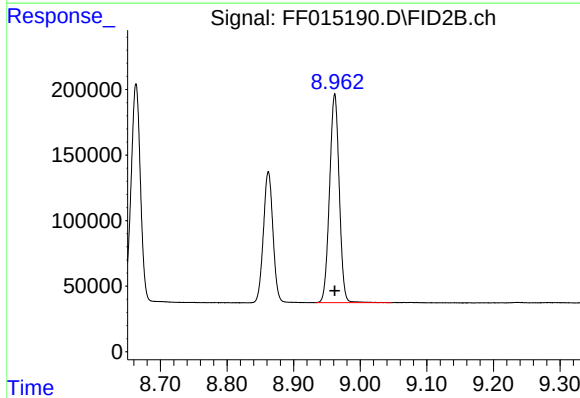
#5 Acenaphthylene (C15.06)

R.T.: 8.663 min
Delta R.T.: 0.000 min
Response: 1662077
Conc: 10.94 ug/ml



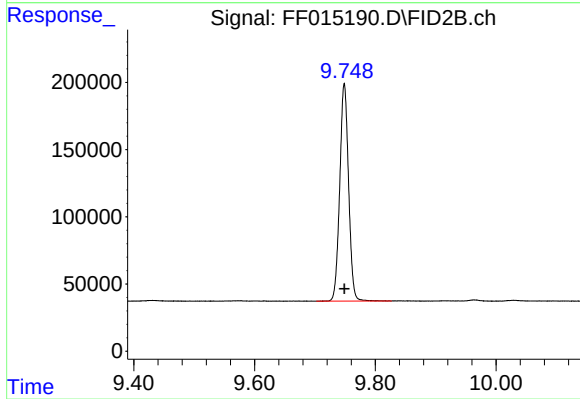
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 998869
Conc: 10.88 ug/ml



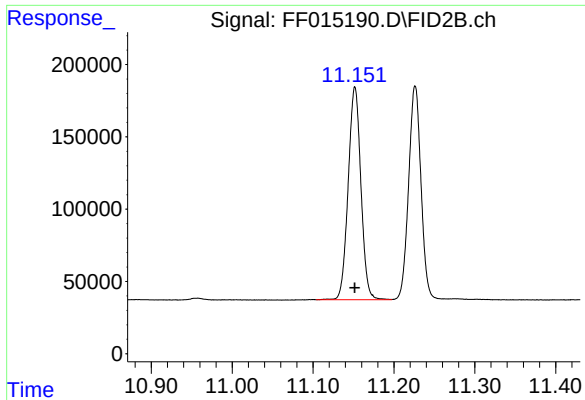
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: 0.000 min
Response: 1610200
Conc: 10.90 ug/ml



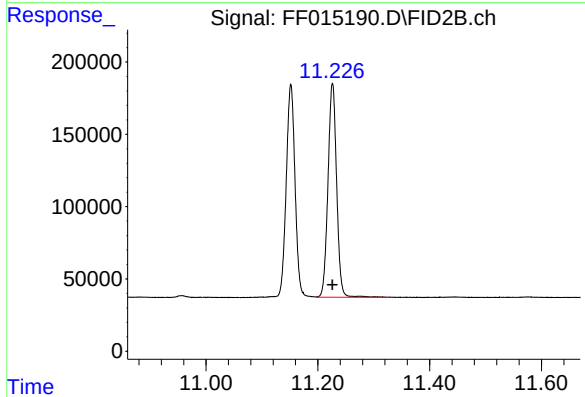
#8 Fluorene (C16.55)

R.T.: 9.749 min
Delta R.T.: 0.000 min
Response: 1644277
Conc: 10.93 ug/ml



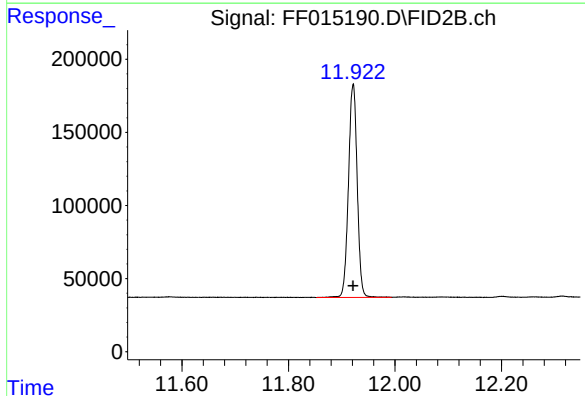
#9 Phenanthrene (C19.36)

R.T.: 11.152 min
Delta R.T.: 0.000 min
Response: 1609180
Conc: 10.96 ug/ml



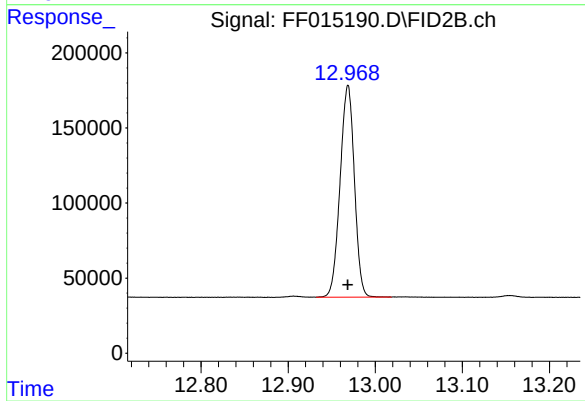
#10 Anthracene (C19.43)

R.T.: 11.226 min
Delta R.T.: 0.000 min
Response: 1592258
Conc: 11.03 ug/ml



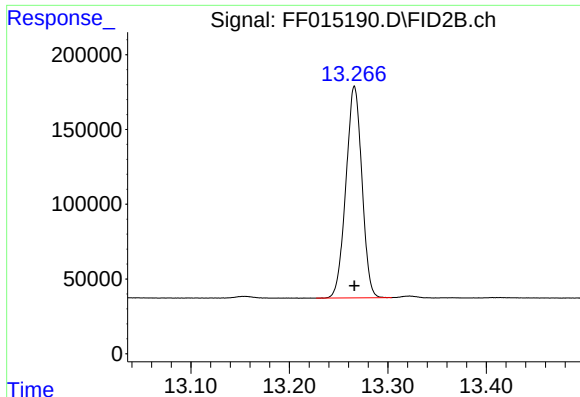
#11 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: 0.000 min
Response: 1657601
Conc: 11.01 ug/ml



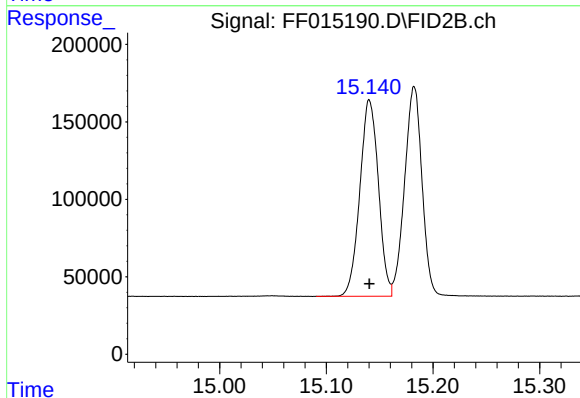
#12 Fluoranthene (C21.85)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 1610610
Conc: 10.93 ug/ml



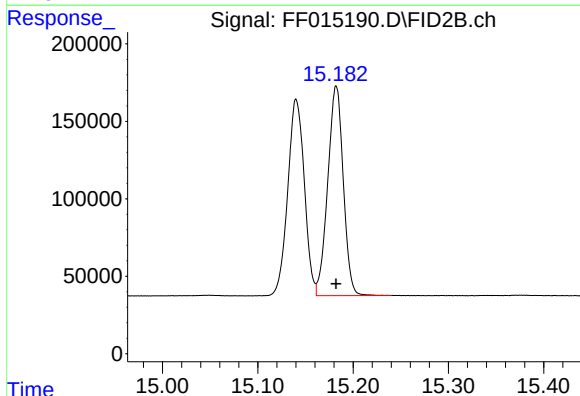
#13 Pyrene (C20.8)

R.T.: 13.266 min
Delta R.T.: 0.000 min
Response: 1595599
Conc: 10.90 ug/ml



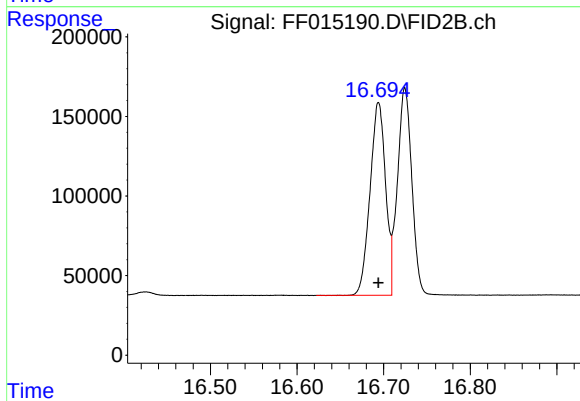
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.141 min
Delta R.T.: 0.000 min
Response: 1530749
Conc: 10.85 ug/ml



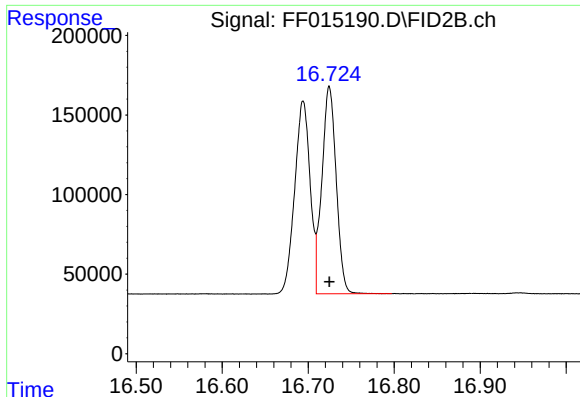
#15 Chrysene (C27.41)

R.T.: 15.182 min
Delta R.T.: 0.000 min
Response: 1533310
Conc: 10.91 ug/ml



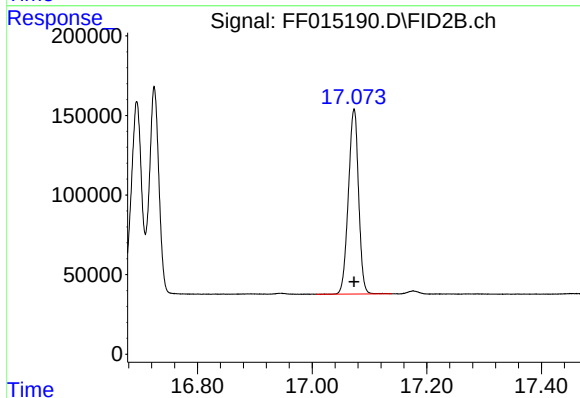
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.694 min
Delta R.T.: 0.000 min
Response: 1509151
Conc: 10.90 ug/ml



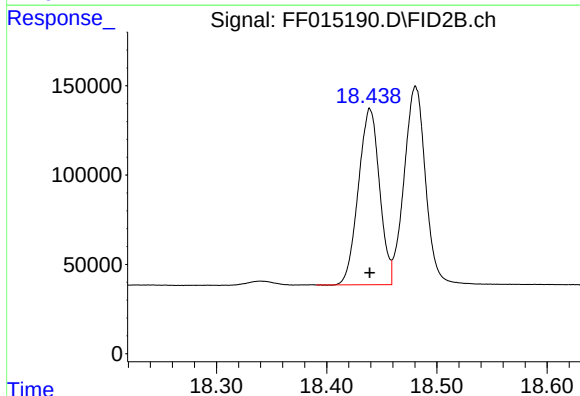
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.725 min
Delta R.T.: 0.000 min
Response: 1509299
Conc: 10.99 ug/ml



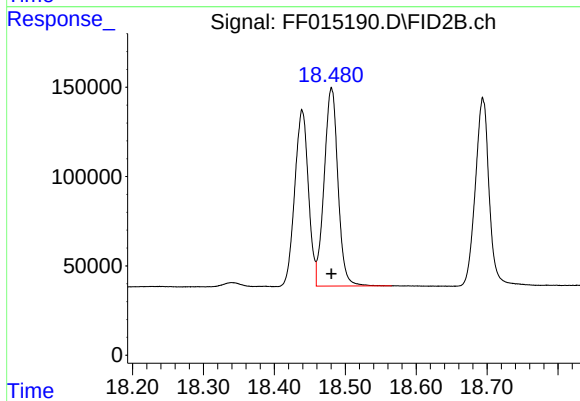
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.073 min
Delta R.T.: 0.000 min
Response: 1434351
Conc: 10.93 ug/ml



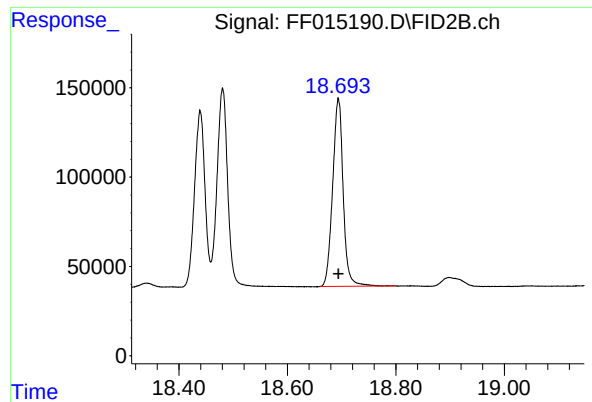
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.439 min
Delta R.T.: 0.000 min
Response: 1315177
Conc: 10.71 ug/ml



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

R.T.: 18.481 min
Delta R.T.: 0.000 min
Response: 1504094
Conc: 11.45 ug/ml



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

R.T.: 18.694 min
Delta R.T.: 0.000 min
Response: 1420621
Conc: 11.00 ug/ml