

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF122024AR\
 Data File : FF015188.D
 Signal(s) : FID2B.ch
 Acq On : 20 Dec 2024 10:08
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 20 13:07:04 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 122024.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 20 13:01:57 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...	7.992	6551037	50.307 ug/ml
Spiked Amount 50.000		Recovery =	100.61%
6) S 2-Fluorobiphenyl (SURR)	8.866	4475179	50.249 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.50%
11) S ortho-Terphenyl (SURR)	11.924	7298368	50.186 ug/ml
Spiked Amount 50.000		Recovery =	100.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	7141806	50.392 ug/ml
2) T Naphthalene (C11.7)	6.272	7390414	50.278 ug/ml
3) T 2-Methylnaphthalene (...)	7.367	7248154	50.340 ug/ml
5) T Acenaphthylene (C15.06)	8.667	7392783	50.265 ug/ml
7) T Acenaphthene (C15.5)	8.966	7204571	50.293 ug/ml
8) T Flouorene (C16.55)	9.754	7334524	50.287 ug/ml
9) T Phenanthrene (C19.36)	11.157	7139446	50.211 ug/ml
10) T Anthracene (C19.43)	11.233	6993503	50.155 ug/ml
12) T Fluoranthene (C21.85)	12.975	7174378	50.236 ug/ml
13) T Pyrene (C20.8)	13.273	7126197	50.155 ug/ml
14) T Benzo[a]anthracene (C...	15.150	6865348	50.102 ug/ml
15) T Chrysene (C27.41)	15.195	6818786	50.055 ug/ml
16) T benzo[b]fluoranthene ...	16.705	6723180	50.049 ug/ml
17) T Bnezo[k]fluoranthene ...	16.741	6643444	50.008 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.086	6367639	50.100 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.454	5970604	49.808 ug/ml
20) T Dibenz[a,h]anthracene...	18.495	6263115	50.099 ug/ml
21) T Benzo[g,h,i]perylene ...	18.713	6240733	49.980 ug/ml

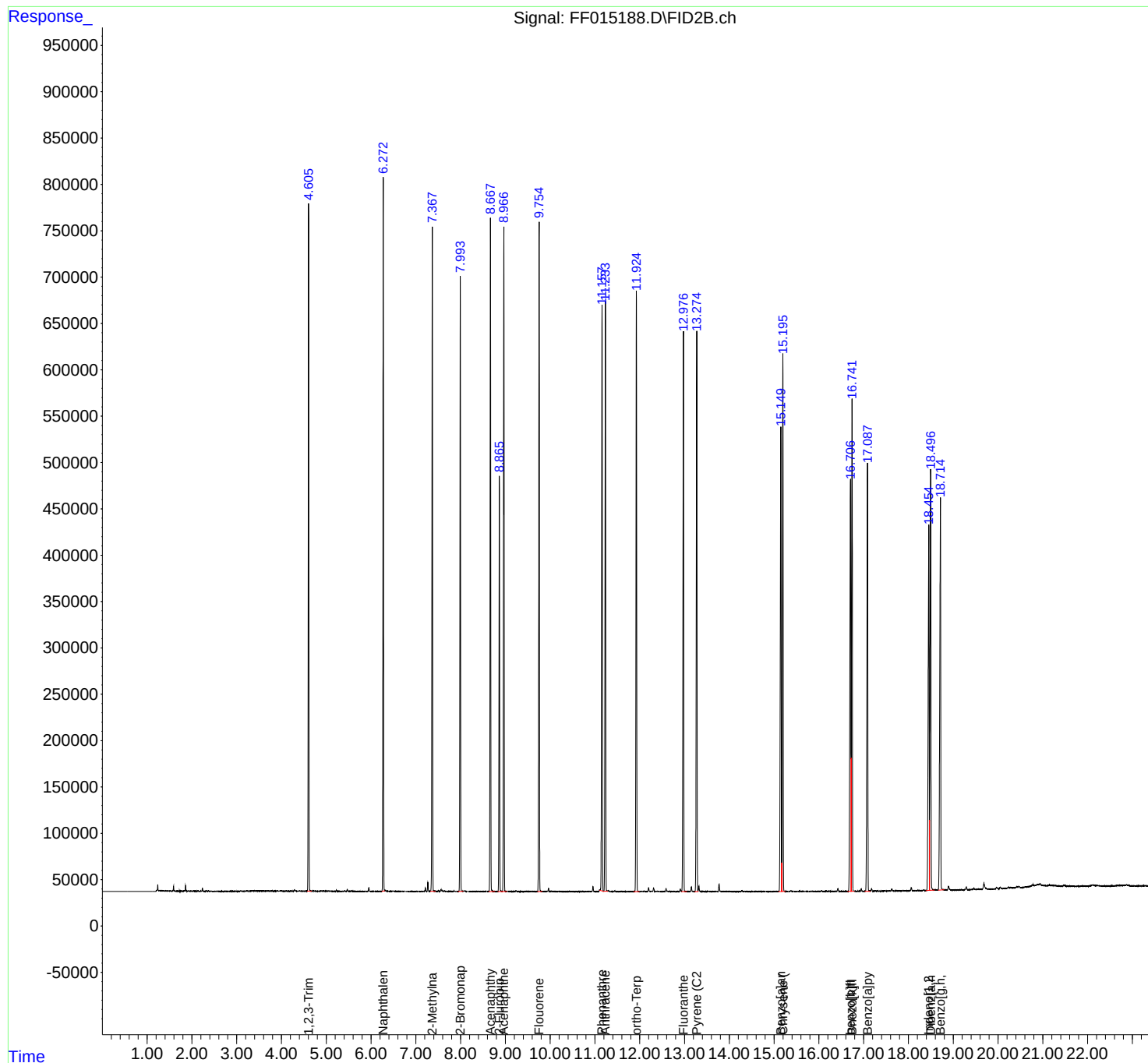
(f)=RT Delta > 1/2 Window

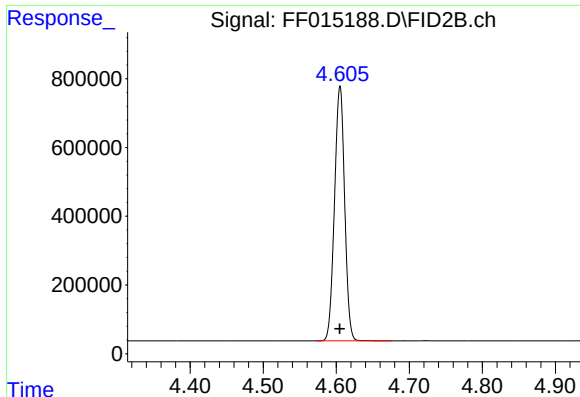
(m)=manual int.

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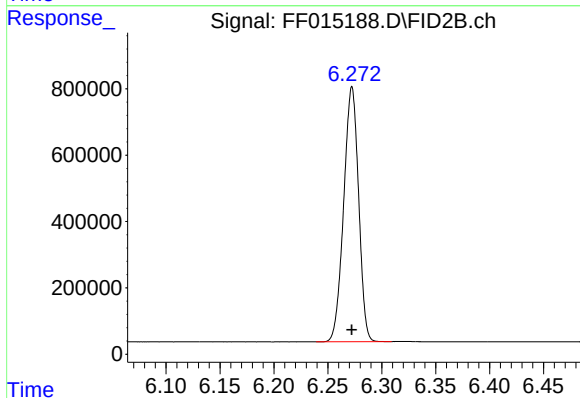
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





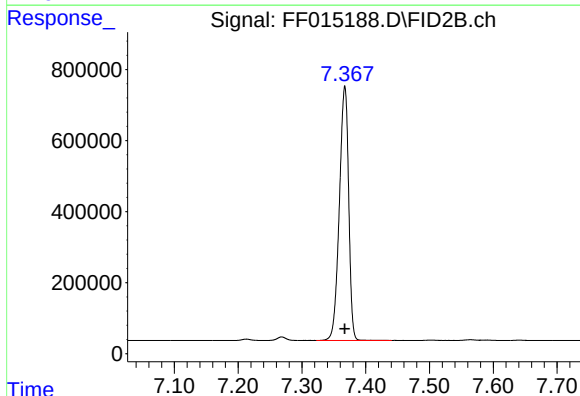
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.605 min
Delta R.T.: 0.000 min
Response: 7141806
Conc: 50.39 ug/ml



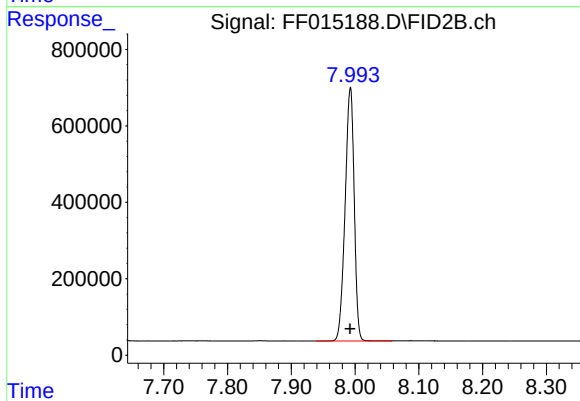
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 7390414
Conc: 50.28 ug/ml



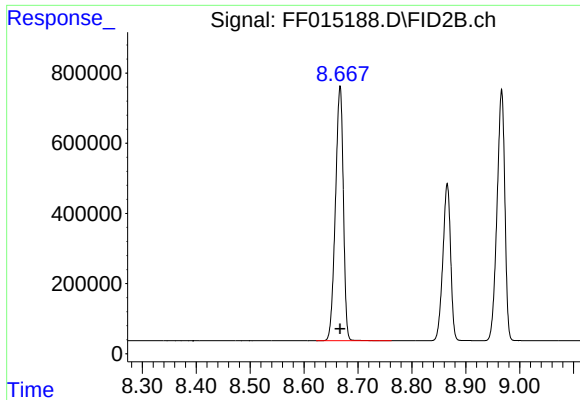
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 7248154
Conc: 50.34 ug/ml



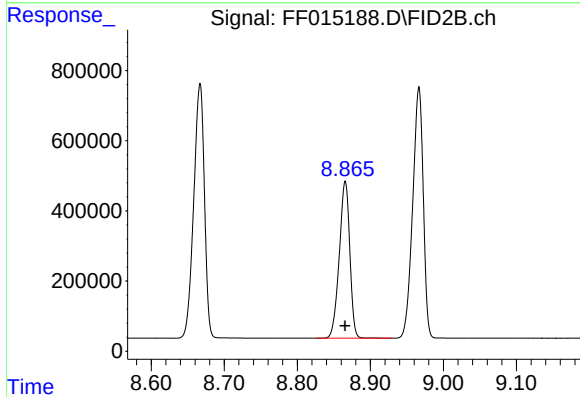
#4 2-Bromonaphthalene (SURR)

R.T.: 7.992 min
Delta R.T.: 0.000 min
Response: 6551037
Conc: 50.31 ug/ml



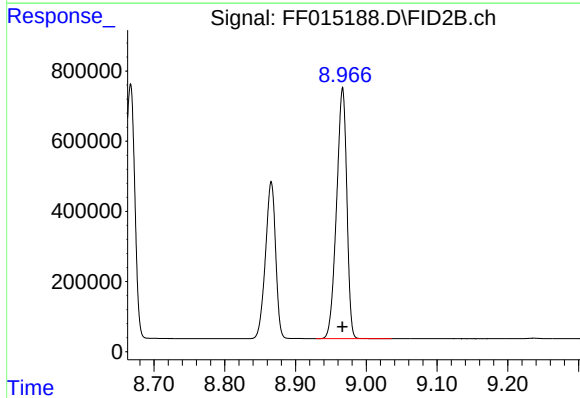
#5 Acenaphthylene (C15.06)

R.T.: 8.667 min
Delta R.T.: 0.000 min
Response: 7392783
Conc: 50.27 ug/ml



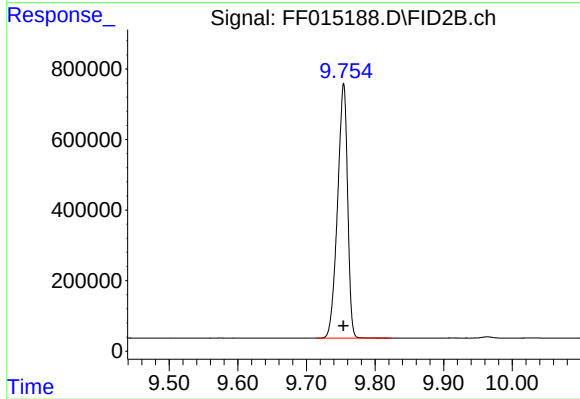
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: 0.000 min
Response: 4475179
Conc: 50.25 ug/ml



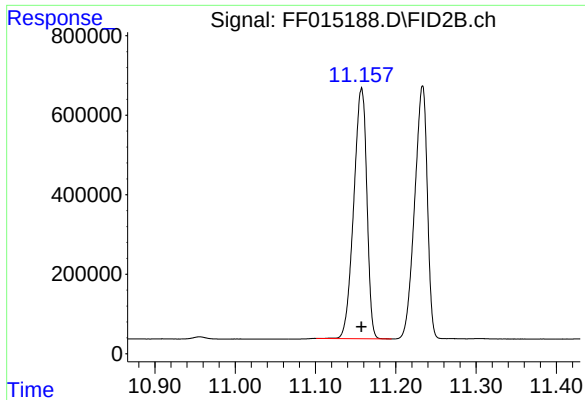
#7 Acenaphthene (C15.5)

R.T.: 8.966 min
Delta R.T.: 0.000 min
Response: 7204571
Conc: 50.29 ug/ml



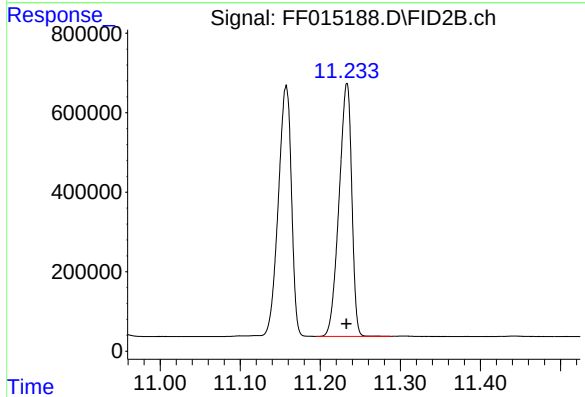
#8 Fluorene (C16.55)

R.T.: 9.754 min
Delta R.T.: 0.000 min
Response: 7334524
Conc: 50.29 ug/ml



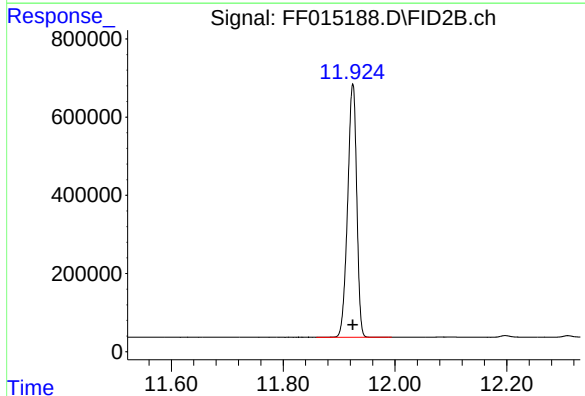
#9 Phenanthrene (C19.36)

R.T.: 11.157 min
Delta R.T.: 0.000 min
Response: 7139446
Conc: 50.21 ug/ml



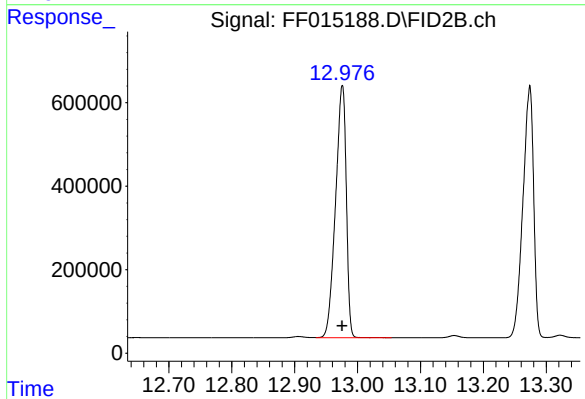
#10 Anthracene (C19.43)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 6993503
Conc: 50.15 ug/ml



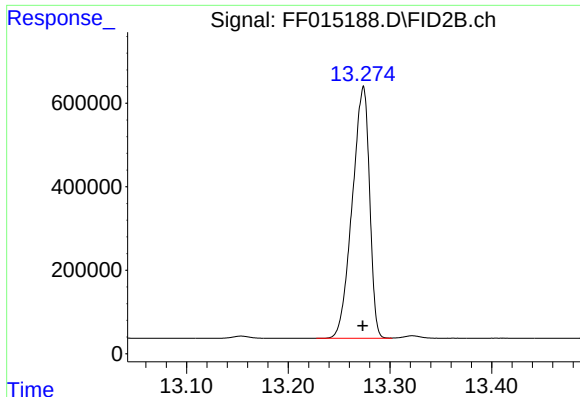
#11 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: 0.000 min
Response: 7298368
Conc: 50.19 ug/ml



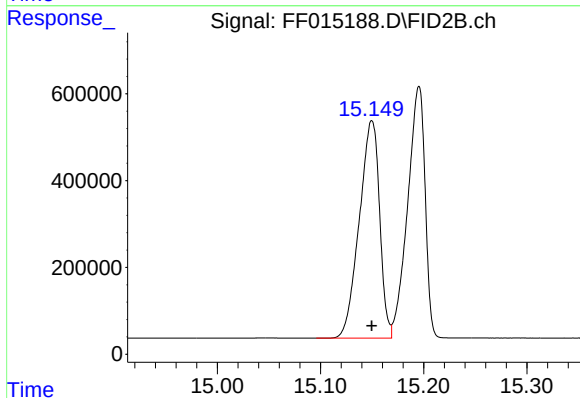
#12 Fluoranthene (C21.85)

R.T.: 12.975 min
Delta R.T.: 0.000 min
Response: 7174378
Conc: 50.24 ug/ml



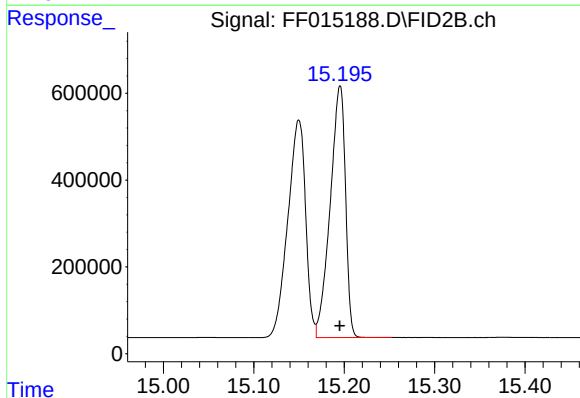
#13 Pyrene (C20.8)

R.T.: 13.273 min
Delta R.T.: 0.000 min
Response: 7126197
Conc: 50.16 ug/ml



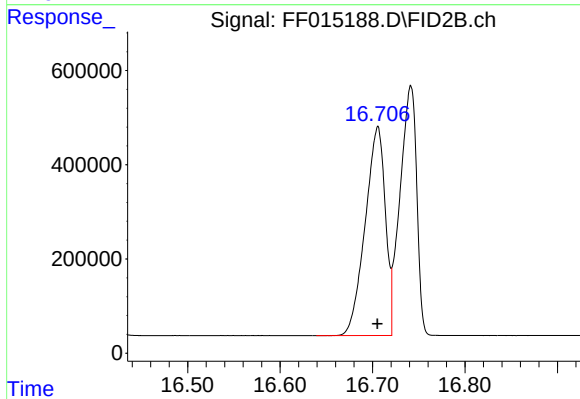
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.150 min
Delta R.T.: 0.000 min
Response: 6865348
Conc: 50.10 ug/ml



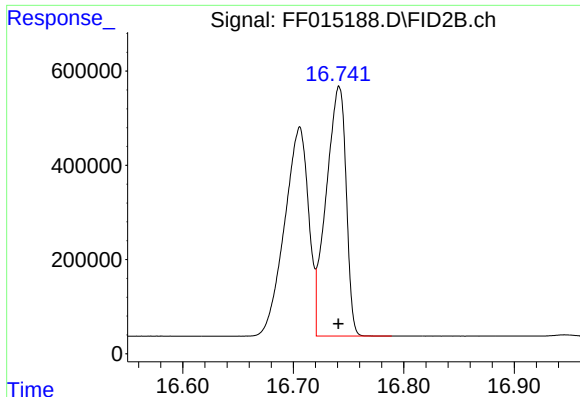
#15 Chrysene (C27.41)

R.T.: 15.195 min
Delta R.T.: 0.000 min
Response: 6818786
Conc: 50.05 ug/ml



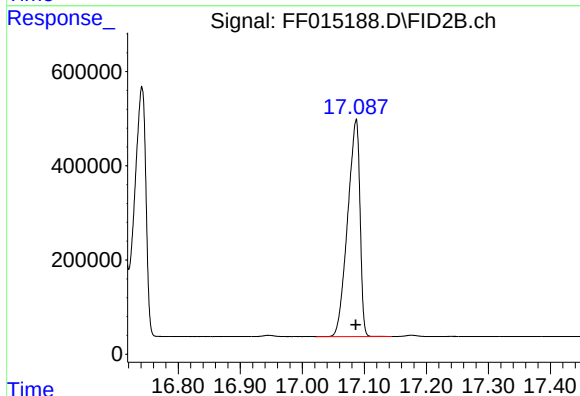
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.705 min
Delta R.T.: 0.000 min
Response: 6723180
Conc: 50.05 ug/ml



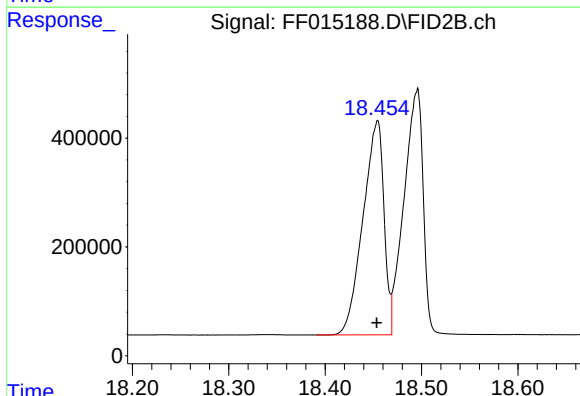
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.741 min
Delta R.T.: 0.000 min
Response: 6643444
Conc: 50.01 ug/ml



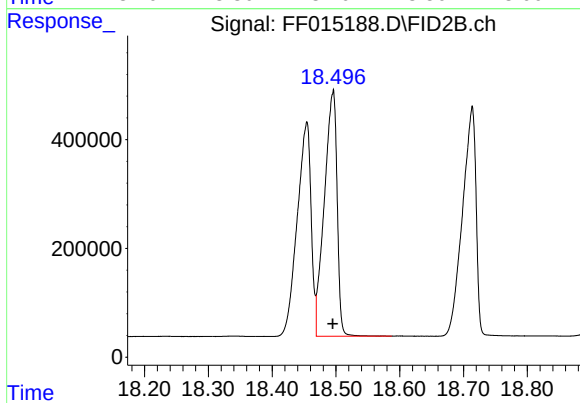
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.086 min
Delta R.T.: 0.000 min
Response: 6367639
Conc: 50.10 ug/ml



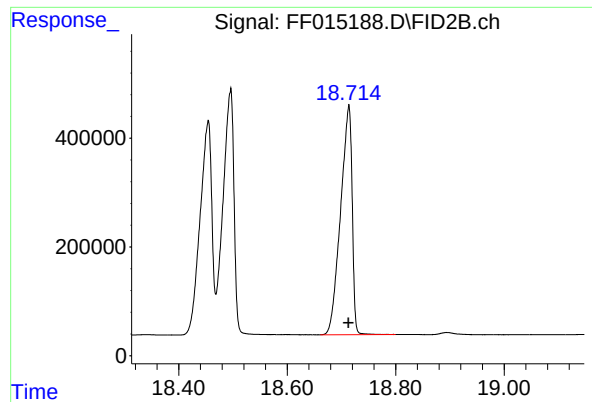
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.454 min
Delta R.T.: 0.000 min
Response: 5970604
Conc: 49.81 ug/ml



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

R.T.: 18.495 min
Delta R.T.: 0.000 min
Response: 6263115
Conc: 50.10 ug/ml



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

R.T.: 18.713 min
Delta R.T.: 0.000 min
Response: 6240733
Conc: 49.98 ug/ml