

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF022024AR\
 Data File : FF014044.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2024 10:48
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 20 11:15:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 022024.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 20 11:02:14 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...	7.922	1350982	11.208 ug/ml
Spiked Amount 50.000		Recovery =	22.42%
6) S 2-Fluorobiphenyl (SURR)	8.793	836812	10.738 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.48%
11) S ortho-Terphenyl (SURR)	11.854	1768071	11.787 ug/ml
Spiked Amount 50.000		Recovery =	23.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.541	1459450	11.573 ug/ml
2) T Naphthalene (C11.7)	6.202	1445084	11.155 ug/ml
3) T 2-Methylnaphthalene (...)	7.294	1468470	11.179 ug/ml
5) T Acenaphthylene (C15.06)	8.593	1400696	11.305 ug/ml
7) T Acenaphthene (C15.5)	8.892	1551497	11.482 ug/ml
8) T Flouorene (C16.55)	9.680	1436079	11.205 ug/ml
9) T Phenanthrene (C19.36)	11.084	1385854	11.112 ug/ml
10) T Anthracene (C19.43)	11.158	1268914	12.133 ug/ml
12) T Fluoranthene (C21.85)	12.902	1491758	11.446 ug/ml
13) T Pyrene (C20.8)	13.199	1419782	11.371 ug/ml
14) T Benzo[a]anthracene (C...	15.080	1127568	10.698 ug/ml
15) T Chrysene (C27.41)	15.121	1566735	12.227 ug/ml
16) T benzo[b]fluoranthene ...	16.637	1230633	10.936 ug/ml
17) T Bnezo[k]fluoranthene ...	16.668	1533551	12.367 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.019	1252321	11.309 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.390	1004792	10.479 ug/ml
20) T Dibenz[a,h]anthracene...	18.432	1574932	12.806 ug/ml
21) T Benzo[g,h,i]perylene ...	18.641	1452078	12.486 ug/ml

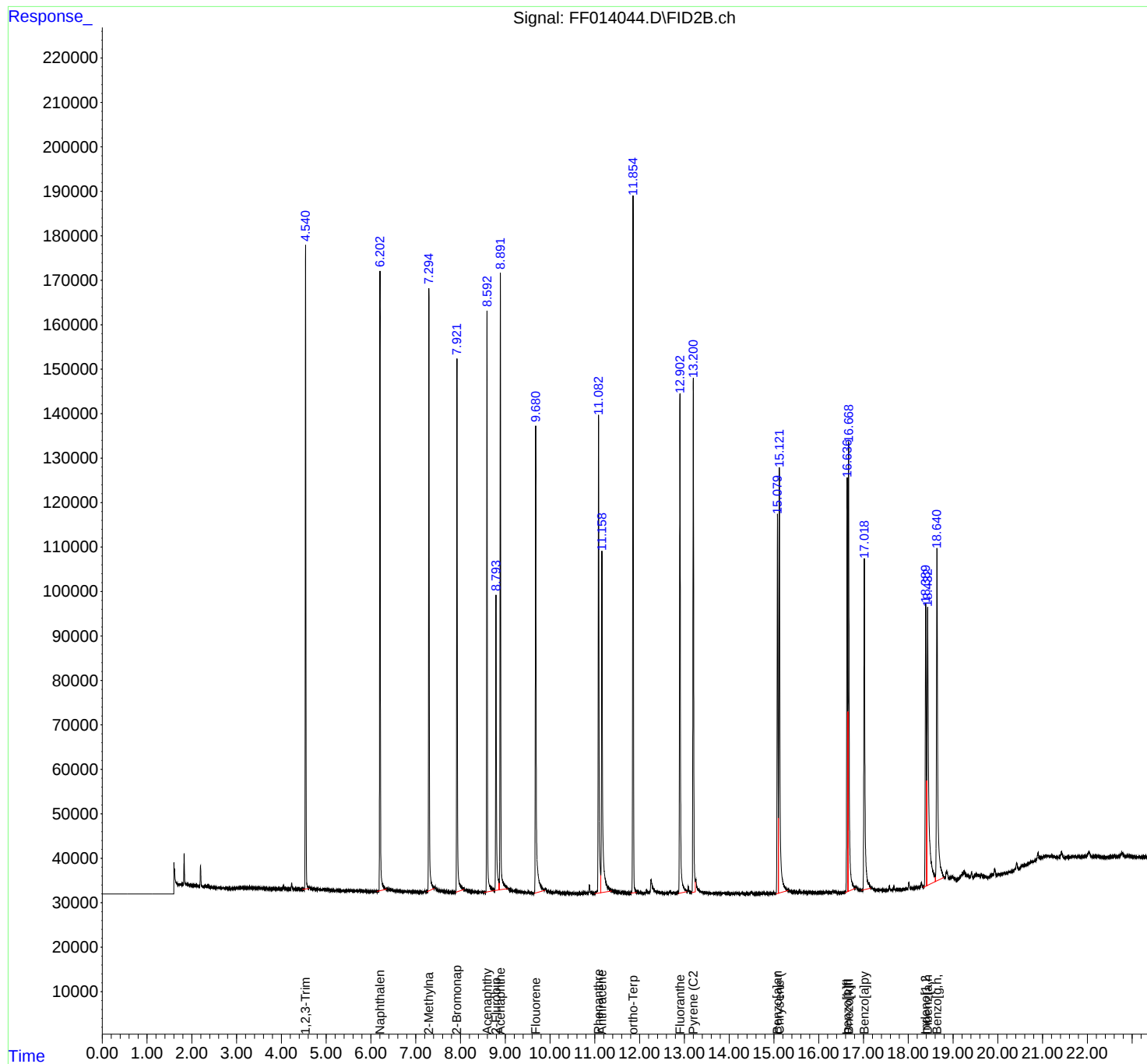
(f)=RT Delta > 1/2 Window

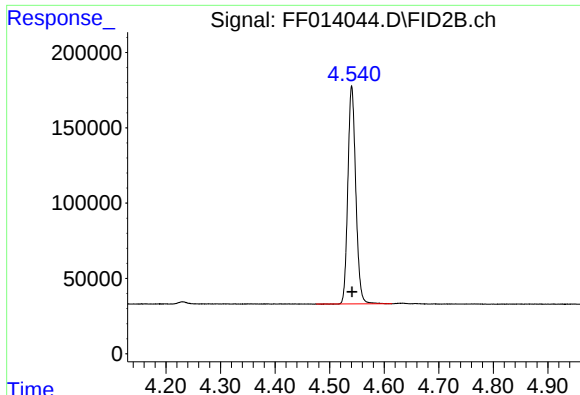
(m)=manual int.

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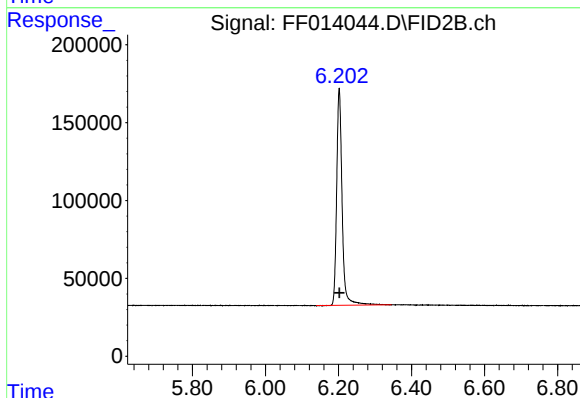
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Signal Info : 20M x 0.18mm x 0.18µm





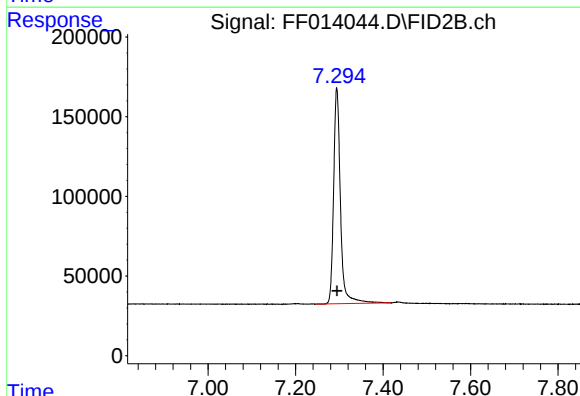
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.541 min
Delta R.T.: 0.000 min
Response: 1459450
Conc: 11.57 ug/ml



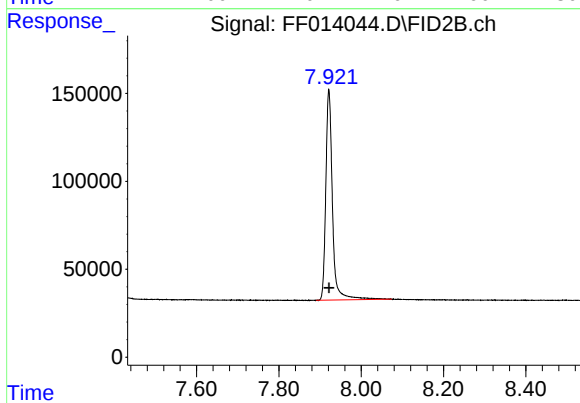
#2 Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 1445084
Conc: 11.15 ug/ml



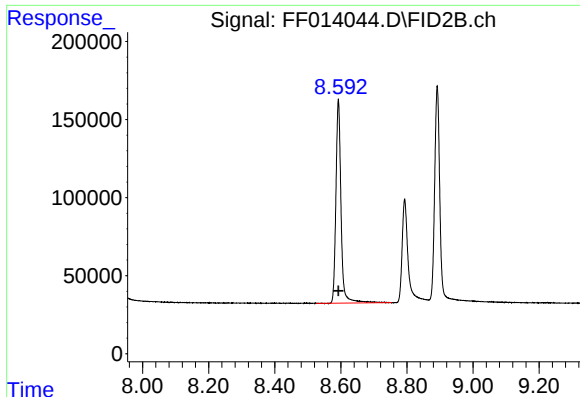
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 1468470
Conc: 11.18 ug/ml



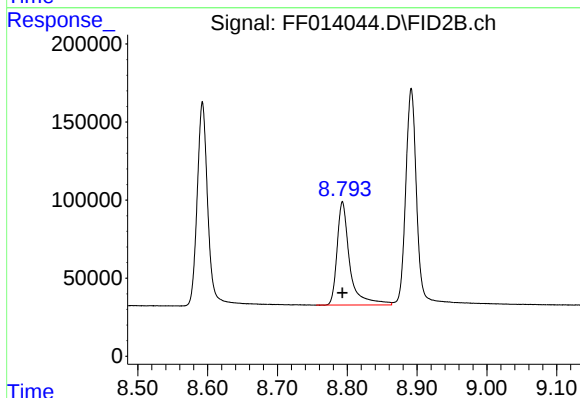
#4 2-Bromonaphthalene (SURR)

R.T.: 7.922 min
Delta R.T.: 0.000 min
Response: 1350982
Conc: 11.21 ug/ml



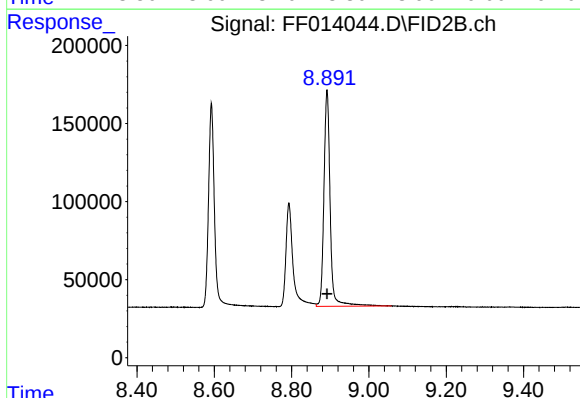
#5 Acenaphthylene (C15.06)

R.T.: 8.593 min
Delta R.T.: 0.000 min
Response: 1400696
Conc: 11.30 ug/ml



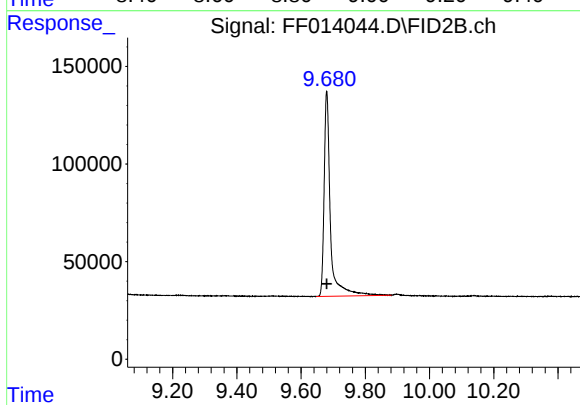
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.793 min
Delta R.T.: 0.000 min
Response: 836812
Conc: 10.74 ug/ml



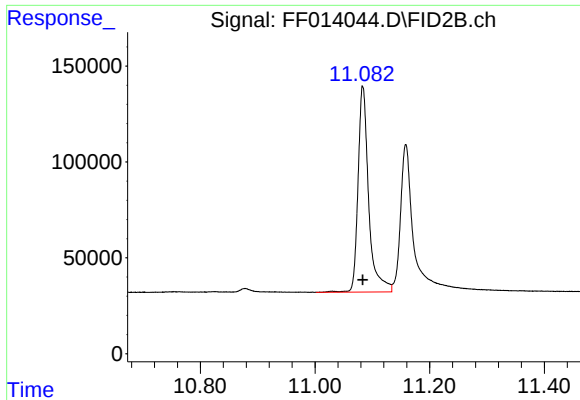
#7 Acenaphthene (C15.5)

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 1551497
Conc: 11.48 ug/ml



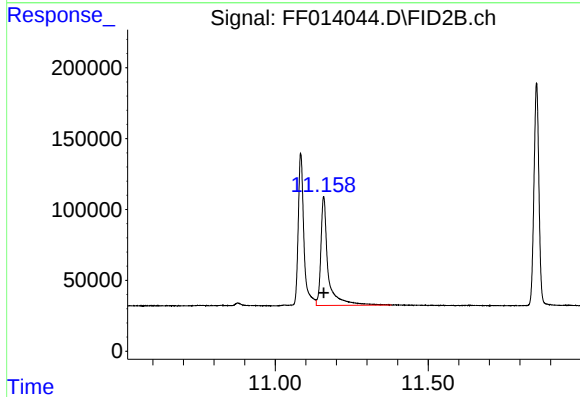
#8 Fluorene (C16.55)

R.T.: 9.680 min
Delta R.T.: 0.000 min
Response: 1436079
Conc: 11.21 ug/ml



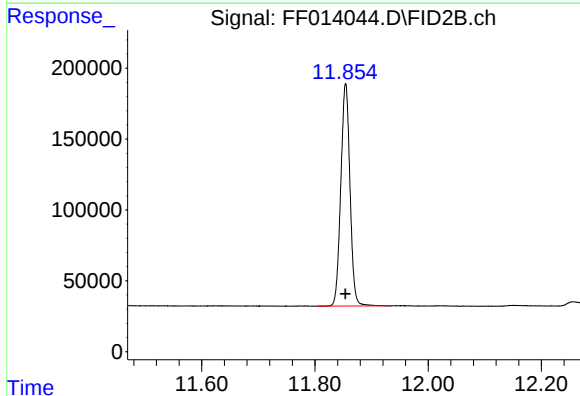
#9 Phenanthrene (C19.36)

R.T.: 11.084 min
Delta R.T.: 0.000 min
Response: 1385854
Conc: 11.11 ug/ml



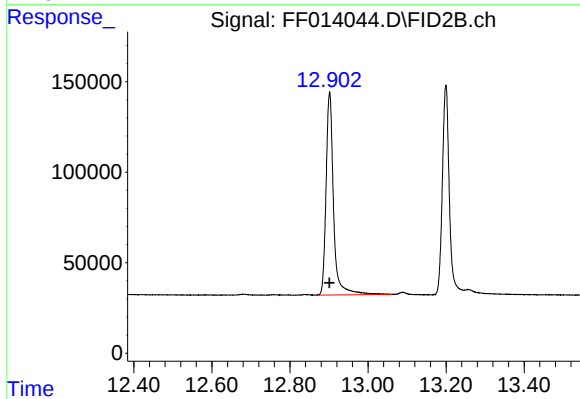
#10 Anthracene (C19.43)

R.T.: 11.158 min
Delta R.T.: 0.000 min
Response: 1268914
Conc: 12.13 ug/ml



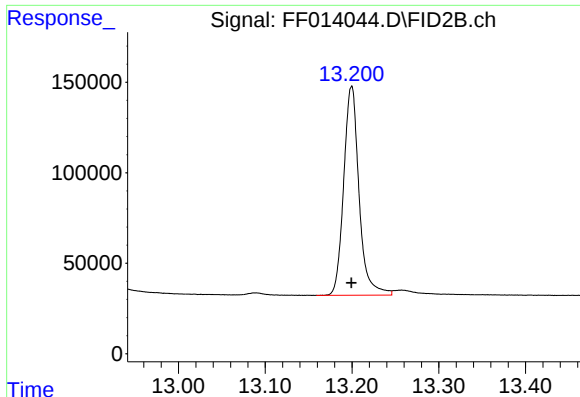
#11 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: 0.000 min
Response: 1768071
Conc: 11.79 ug/ml



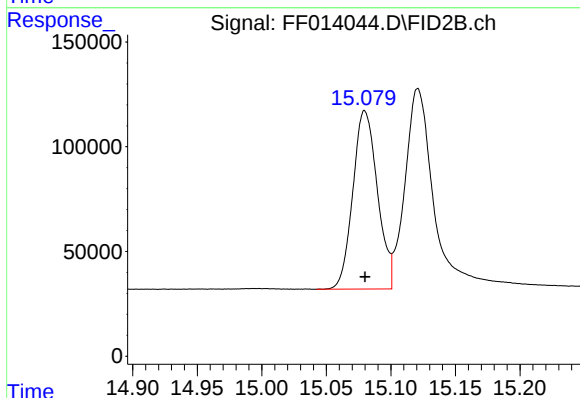
#12 Fluoranthene (C21.85)

R.T.: 12.902 min
Delta R.T.: 0.000 min
Response: 1491758
Conc: 11.45 ug/ml



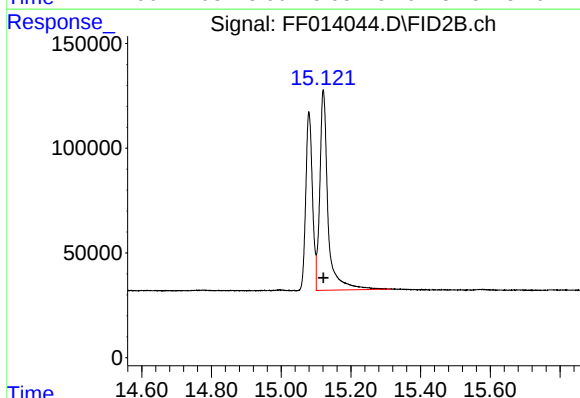
#13 Pyrene (C20.8)

R.T.: 13.199 min
Delta R.T.: 0.000 min
Response: 1419782
Conc: 11.37 ug/ml



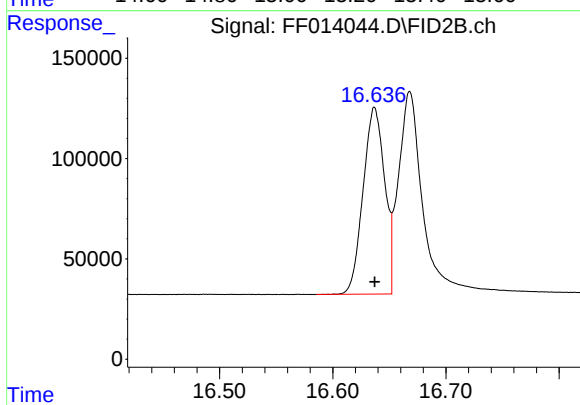
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.080 min
Delta R.T.: 0.000 min
Response: 1127568
Conc: 10.70 ug/ml



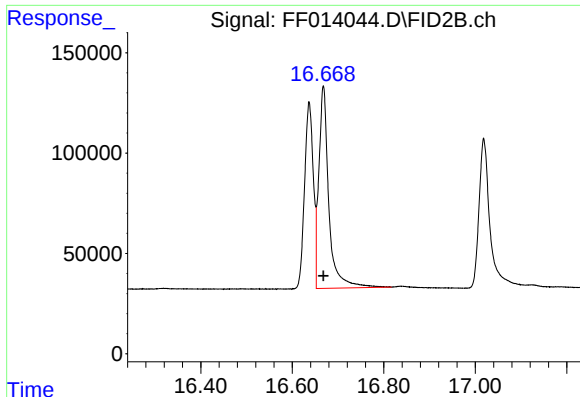
#15 Chrysene (C27.41)

R.T.: 15.121 min
Delta R.T.: 0.000 min
Response: 1566735
Conc: 12.23 ug/ml



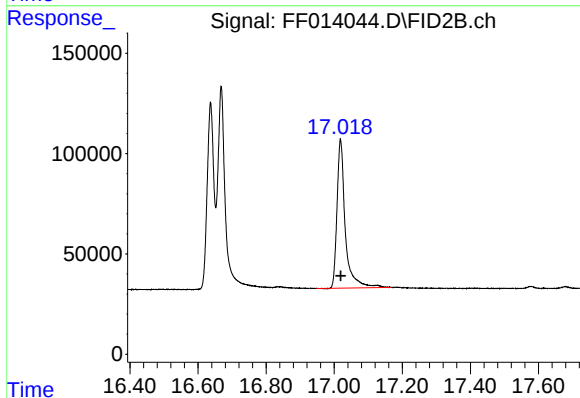
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.637 min
Delta R.T.: 0.000 min
Response: 1230633
Conc: 10.94 ug/ml



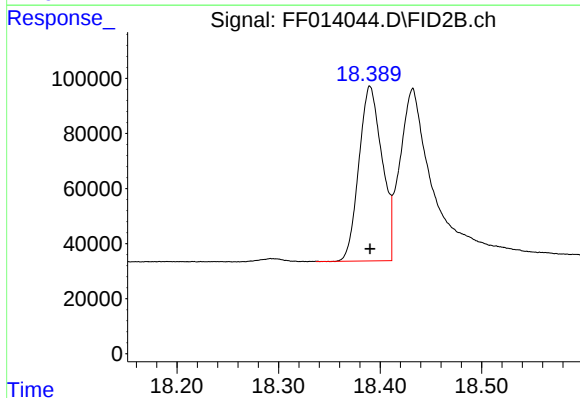
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.668 min
Delta R.T.: 0.000 min
Response: 1533551
Conc: 12.37 ug/ml



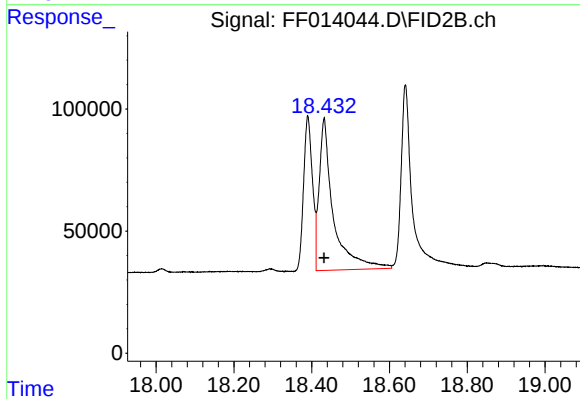
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.019 min
Delta R.T.: 0.000 min
Response: 1252321
Conc: 11.31 ug/ml



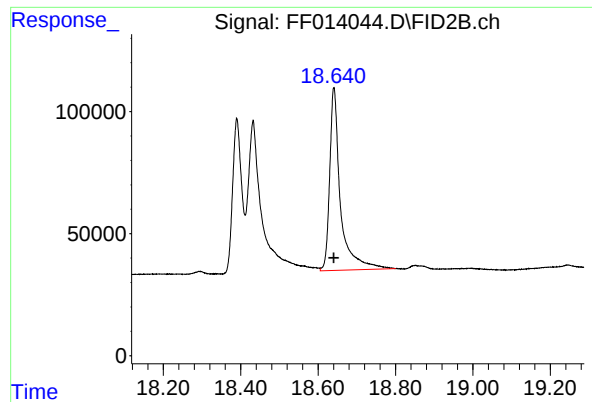
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.390 min
Delta R.T.: 0.000 min
Response: 1004792
Conc: 10.48 ug/ml



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

R.T.: 18.432 min
Delta R.T.: 0.000 min
Response: 1574932
Conc: 12.81 ug/ml



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

R.T.: 18.641 min
Delta R.T.: 0.000 min
Response: 1452078
Conc: 12.49 ug/ml