

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040060.D
 Signal(s) : FID2B.CH
 Acq On : 20 Dec 2021 21:18
 Operator : AJ\MA
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 21 02:43:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 02:41:02 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	6.858	13253623	102.662 ug/ml
Spiked Amount 50.000		Recovery =	205.32%
6) S 2-Fluorobiphenyl (SURR)	7.713	8940858	102.633 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	205.27%#
11) S ortho-Terphenyl (SURR)	10.754	13617859	102.125 ug/ml
Spiked Amount 50.000		Recovery =	204.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.699	14384827	102.975 ug/ml
2) T Naphthalene (C11.7)	5.204	15037262	102.776 ug/ml
3) T 2-Methylnaphthalene (...)	6.250	15081570	102.728 ug/ml
5) T Acenaphthylene (C15.06)	7.519	13719471	102.734 ug/ml
7) T Acenaphthene (C15.5)	7.816	14516710	102.712 ug/ml
8) T Fluorene (C16.55)	8.593	14258682	102.529 ug/ml
9) T Phenanthrene (C19.36)	9.985	13848684	102.769 ug/ml
10) T Anthracene (C19.43)	10.060	13313211	102.730 ug/ml
12) T Fluoranthene (C21.85)	11.792	13532756	102.737 ug/ml
13) T Pyrene (C20.8)	12.088	13108969	103.133 ug/ml
14) T Benzo[a]anthracene (C...	13.957	12091101	103.863 ug/ml
15) T Chrysene (C27.41)	14.005	12546408	103.201 ug/mlm
16) T benzo[b]fluoranthene ...	15.506	12342959	104.035 ug/ml
17) T Bnezo[k]fluoranthene ...	15.547	11938553	101.728 ug/mlm
18) T Benzo[a]pyrene (C31.34)	15.887	12052438	103.843 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.252	12163965	107.050 ug/ml
20) T Dibenz[a,h]anthracene...	17.296	11464323	100.066 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.513	12028419	103.539 ug/ml

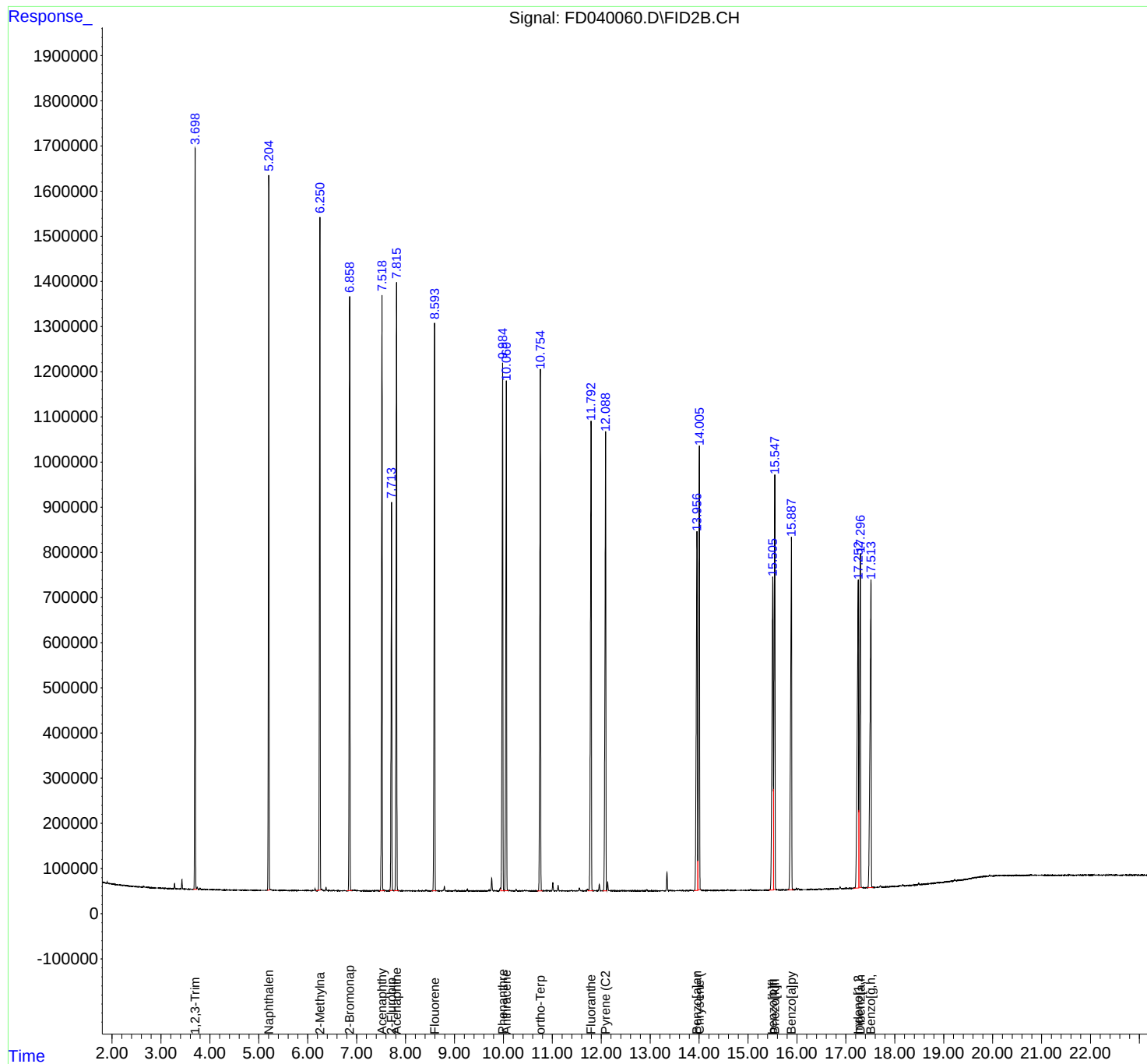
(f)=RT Delta > 1/2 Window

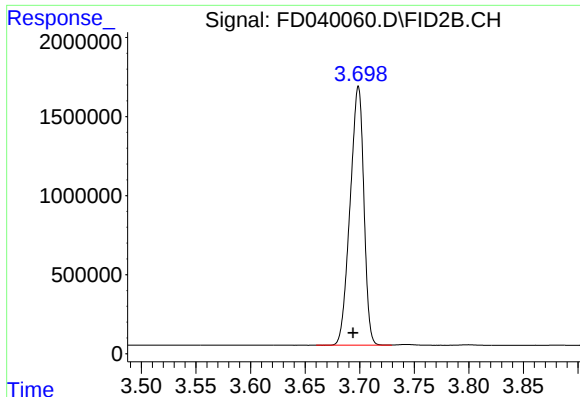
(m)=manual int.

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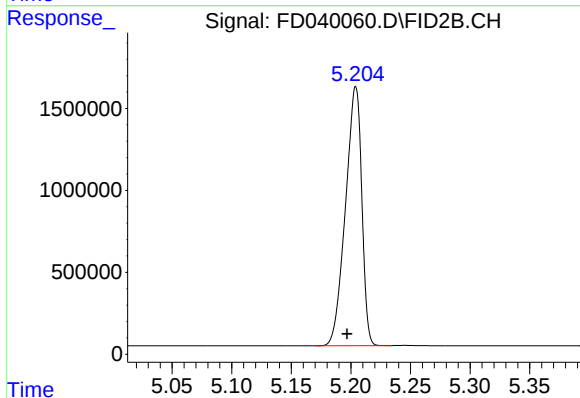
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Signal Info : 20M x 0.18mm x 0.18µm





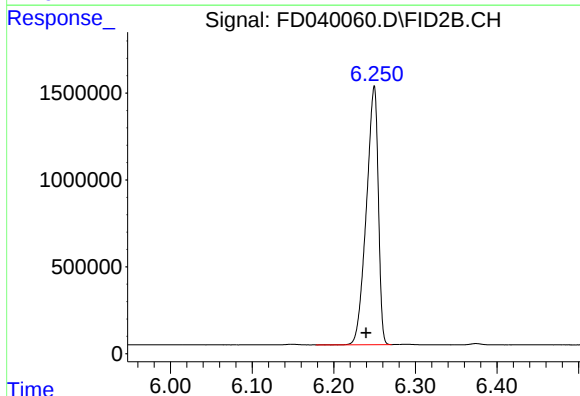
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.699 min
Delta R.T.: 0.005 min
Response: 14384827
Conc: 102.97 ug/ml



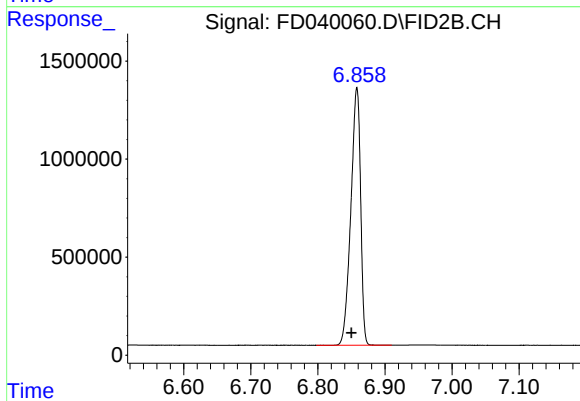
#2 Naphthalene (C11.7)

R.T.: 5.204 min
Delta R.T.: 0.007 min
Response: 15037262
Conc: 102.78 ug/ml



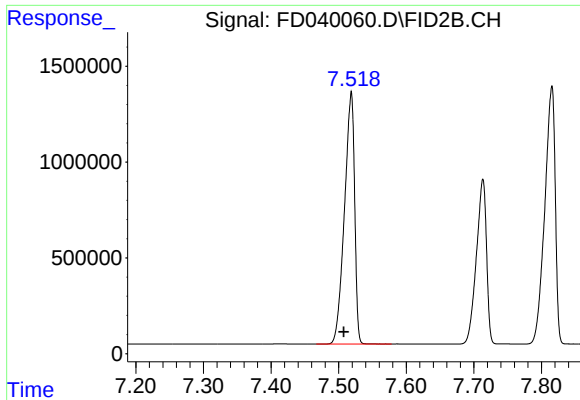
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.250 min
Delta R.T.: 0.010 min
Response: 15081570
Conc: 102.73 ug/ml



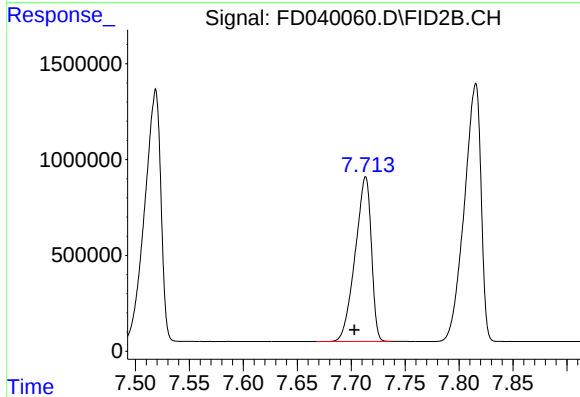
#4 2-Bromonaphthalene (SURR)

R.T.: 6.858 min
Delta R.T.: 0.008 min
Response: 13253623
Conc: 102.66 ug/ml



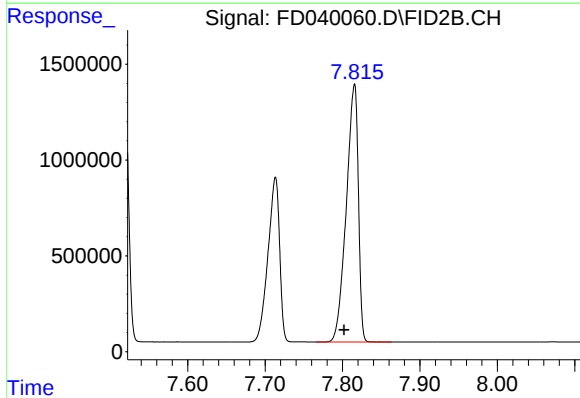
#5 Acenaphthylene (C15.06)

R.T.: 7.519 min
Delta R.T.: 0.011 min
Response: 13719471
Conc: 102.73 ug/ml



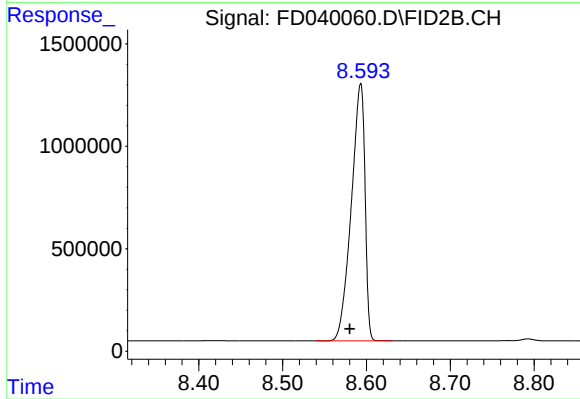
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.713 min
Delta R.T.: 0.010 min
Response: 8940858
Conc: 102.63 ug/ml



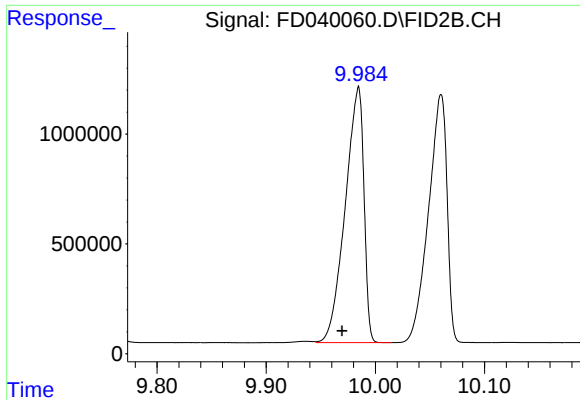
#7 Acenaphthene (C15.5)

R.T.: 7.816 min
Delta R.T.: 0.014 min
Response: 14516710
Conc: 102.71 ug/ml



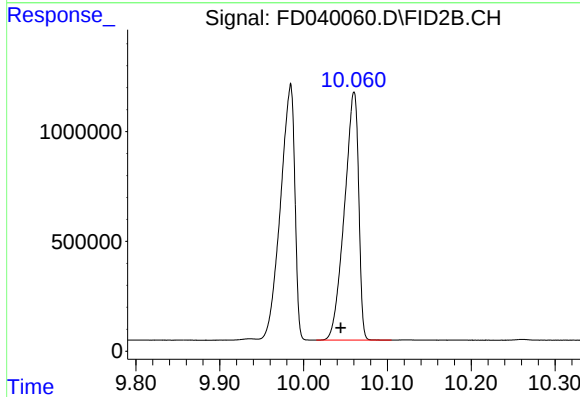
#8 Fluorene (C16.55)

R.T.: 8.593 min
Delta R.T.: 0.013 min
Response: 14258682
Conc: 102.53 ug/ml



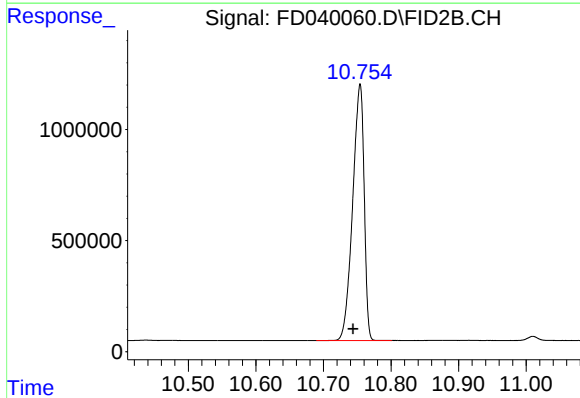
#9 Phenanthrene (C19.36)

R.T.: 9.985 min
Delta R.T.: 0.015 min
Response: 13848684
Conc: 102.77 ug/ml



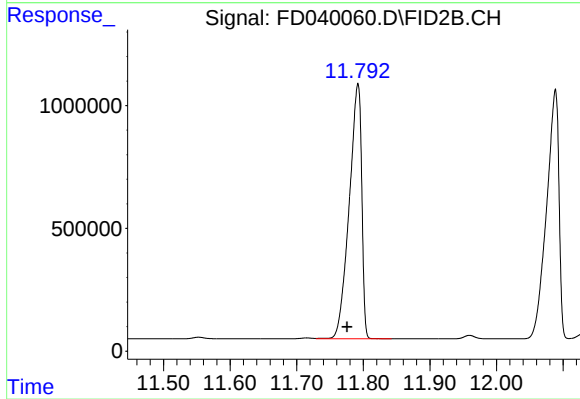
#10 Anthracene (C19.43)

R.T.: 10.060 min
Delta R.T.: 0.016 min
Response: 13313211
Conc: 102.73 ug/ml



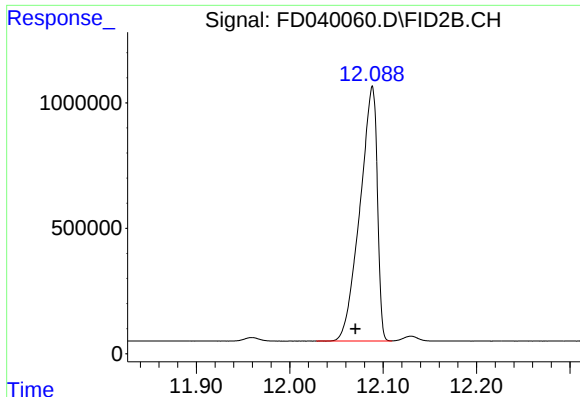
#11 ortho-Terphenyl (SURR)

R.T.: 10.754 min
Delta R.T.: 0.011 min
Response: 13617859
Conc: 102.13 ug/ml



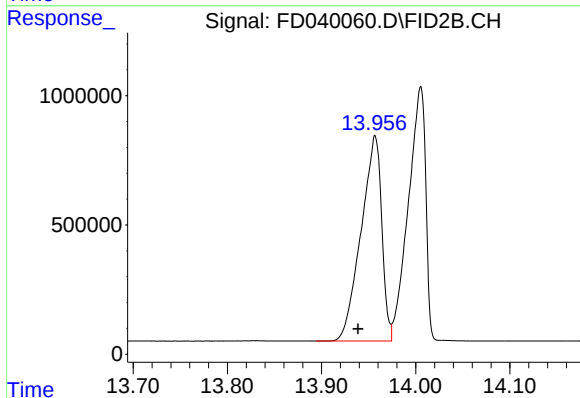
#12 Fluoranthene (C21.85)

R.T.: 11.792 min
Delta R.T.: 0.017 min
Response: 13532756
Conc: 102.74 ug/ml



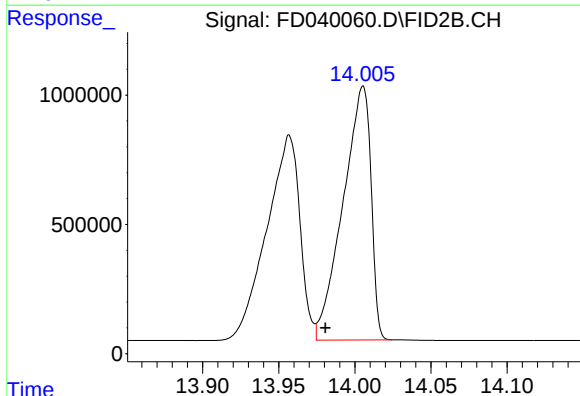
#13 Pyrene (C20.8)

R.T.: 12.088 min
Delta R.T.: 0.018 min
Response: 13108969
Conc: 103.13 ug/ml



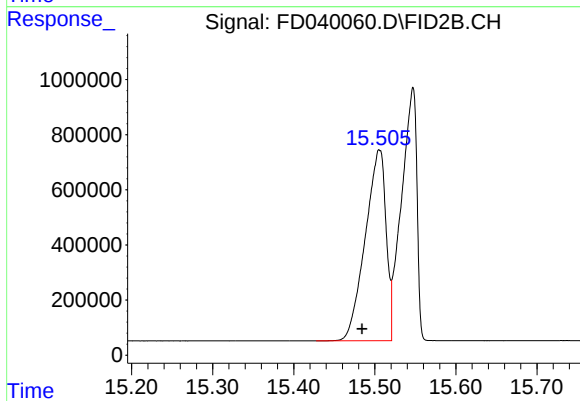
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.957 min
Delta R.T.: 0.018 min
Response: 12091101
Conc: 103.86 ug/ml



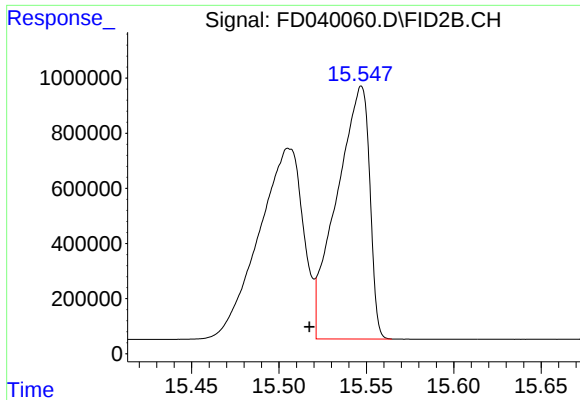
#15 Chrysene (C27.41)

R.T.: 14.005 min
Delta R.T.: 0.025 min
Response: 12546408
Conc: 103.20 ug/ml m



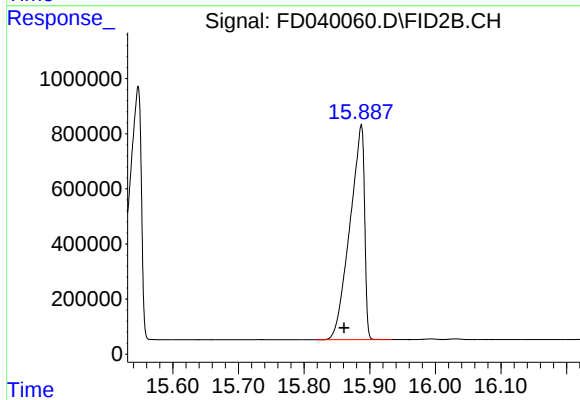
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.506 min
Delta R.T.: 0.021 min
Response: 12342959
Conc: 104.04 ug/ml



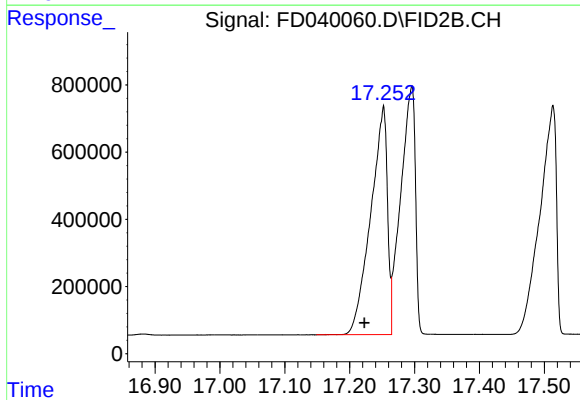
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.547 min
Delta R.T.: 0.029 min
Response: 11938553
Conc: 101.73 ug/ml m



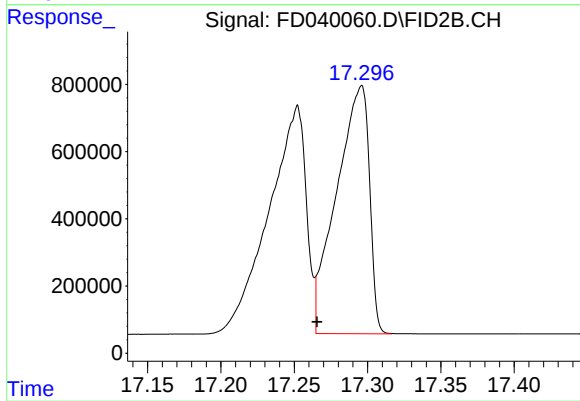
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.887 min
Delta R.T.: 0.026 min
Response: 12052438
Conc: 103.84 ug/ml



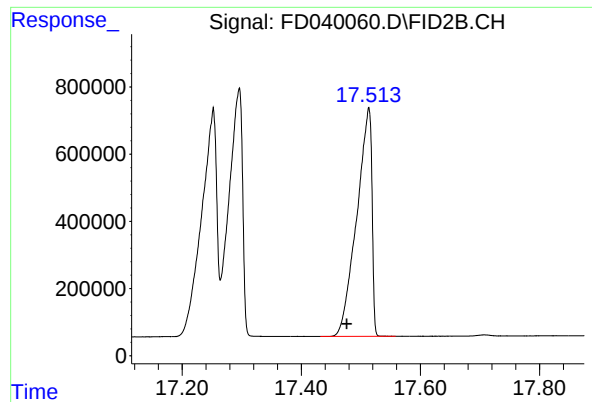
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.252 min
Delta R.T.: 0.029 min
Response: 12163965
Conc: 107.05 ug/ml



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

R.T.: 17.296 min
Delta R.T.: 0.030 min
Response: 11464323
Conc: 100.07 ug/ml m



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

R.T.: 17.513 min
Delta R.T.: 0.037 min
Response: 12028419
Conc: 103.54 ug/ml