

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122221AR\
 Data File : FD040114.D
 Signal(s) : FID2B.CH
 Acq On : 23 Dec 2021 1:17
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 03:10:30 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 03:08:59 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...	6.839	1509200	10.093 ug/ml
Spiked Amount 50.000		Recovery =	20.19%
6) S 2-Fluorobiphenyl (SURR)	7.690	1020201	10.010 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.02%
11) S ortho-Terphenyl (SURR)	10.730	1605515	10.118 ug/ml
Spiked Amount 50.000		Recovery =	20.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.686	1651677	10.089 ug/ml
2) T Naphthalene (C11.7)	5.187	1733573	10.057 ug/ml
3) T 2-Methylnaphthalene (...)	6.229	1727861	10.057 ug/ml
5) T Acenaphthylene (C15.06)	7.496	1641298	9.991 ug/ml
7) T Acenaphthene (C15.5)	7.790	1766388	10.028 ug/ml
8) T Fluorene (C16.55)	8.566	1593217	9.992 ug/ml
9) T Phenanthrene (C19.36)	9.955	1552244	9.997 ug/ml
10) T Anthracene (C19.43)	10.029	1546623	10.029 ug/ml
12) T Fluoranthene (C21.85)	11.760	1481200	9.994 ug/ml
13) T Pyrene (C20.8)	12.053	1522421	9.954 ug/ml
14) T Benzo[a]anthracene (C...	13.921	1325067	9.847 ug/ml
15) T Chrysene (C27.41)	13.963	1383243	9.969 ug/ml
16) T benzo[b]fluoranthene ...	15.465	1293531	9.955 ug/ml
17) T Bnezo[k]fluoranthene ...	15.497	1301870	10.004 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.841	1236357	9.996 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.200	1190235	9.836 ug/mlm
20) T Dibenz[a,h]anthracene...	17.244	1240883	9.961 ug/ml
21) T Benzo[g,h,i]perylene ...	17.451	1183209	10.027 ug/ml

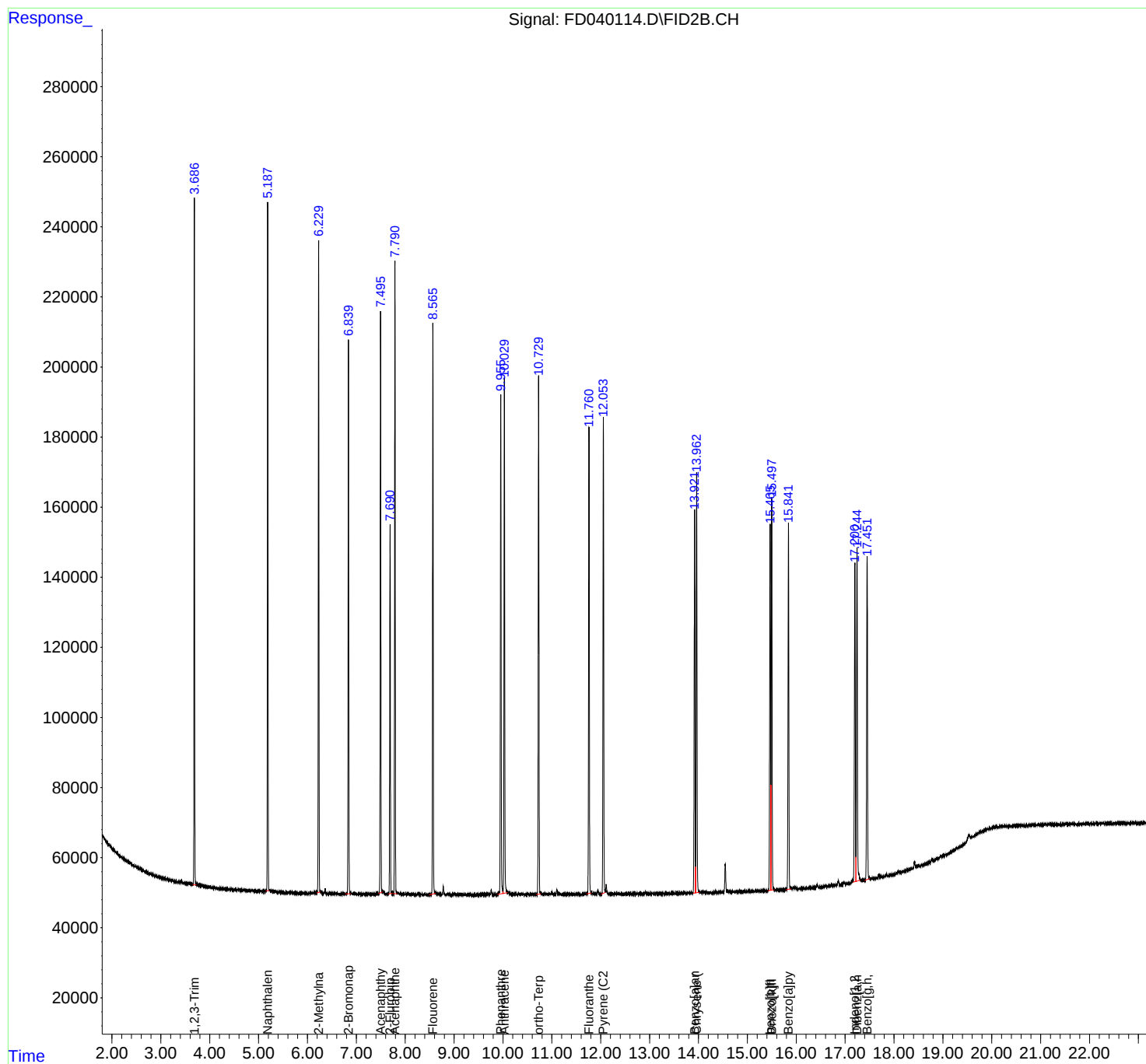
(f)=RT Delta > 1/2 Window

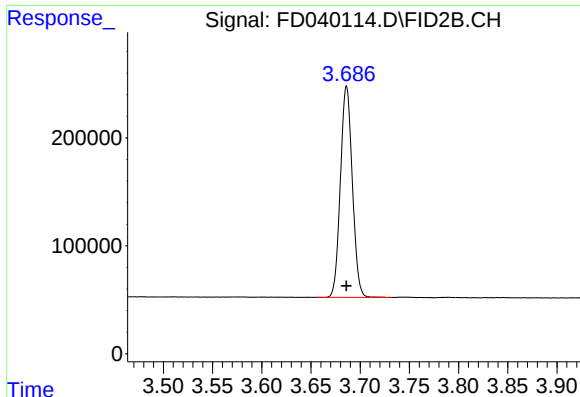
(m)=manual int.

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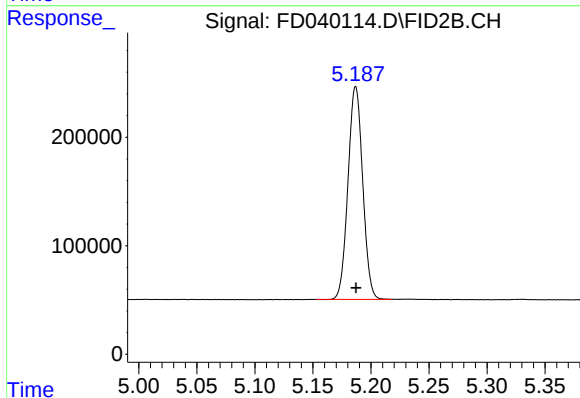
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Signal Info : 20M x 0.18mm x 0.18µm





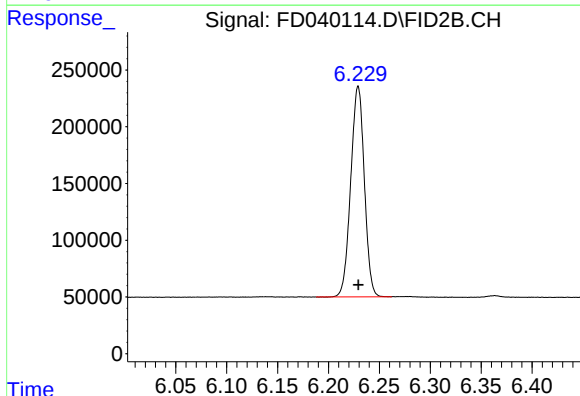
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.686 min
Delta R.T.: 0.000 min
Response: 1651677
Conc: 10.09 ug/ml



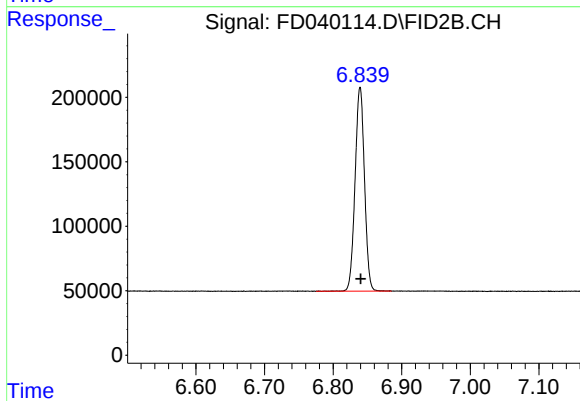
#2 Naphthalene (C11.7)

R.T.: 5.187 min
Delta R.T.: 0.000 min
Response: 1733573
Conc: 10.06 ug/ml



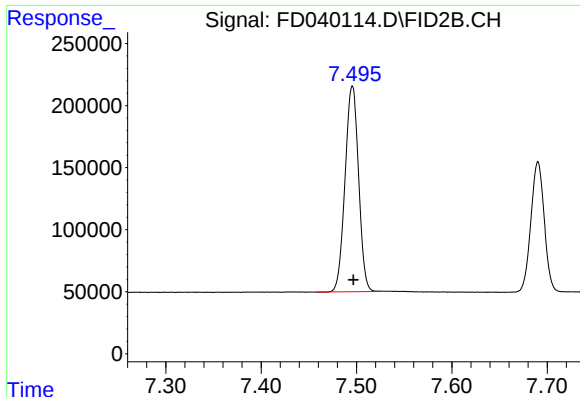
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.229 min
Delta R.T.: 0.000 min
Response: 1727861
Conc: 10.06 ug/ml



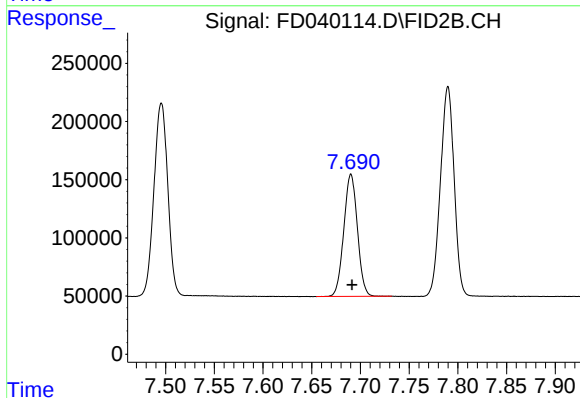
#4 2-Bromonaphthalene (SURR)

R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 1509200
Conc: 10.09 ug/ml



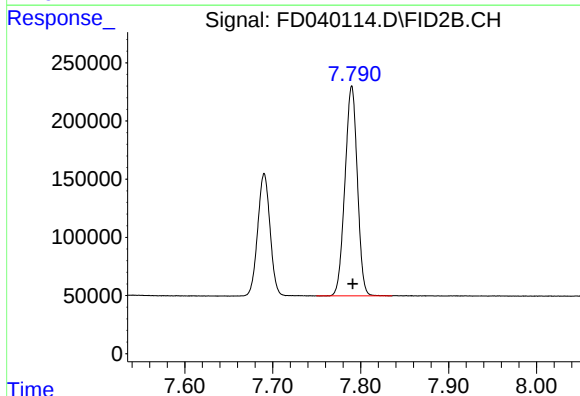
#5 Acenaphthylene (C15.06)

R.T.: 7.496 min
Delta R.T.: -0.001 min
Response: 1641298
Conc: 9.99 ug/ml



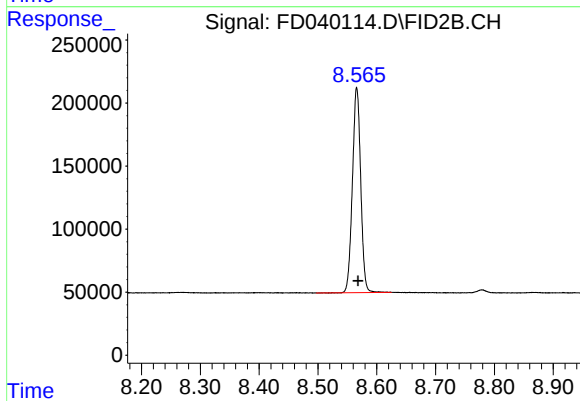
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 1020201
Conc: 10.01 ug/ml



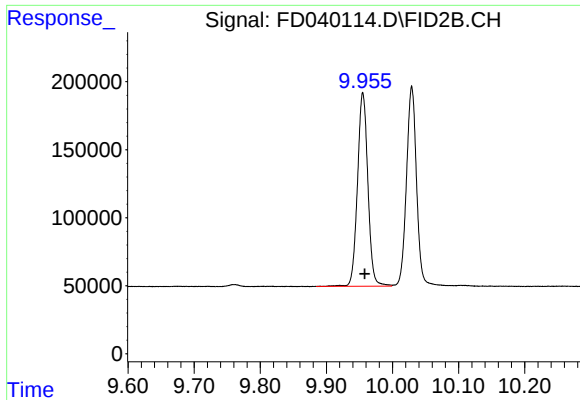
#7 Acenaphthene (C15.5)

R.T.: 7.790 min
Delta R.T.: 0.000 min
Response: 1766388
Conc: 10.03 ug/ml



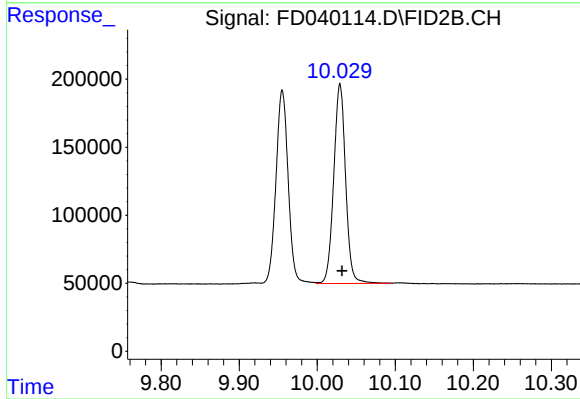
#8 Fluorene (C16.55)

R.T.: 8.566 min
Delta R.T.: -0.002 min
Response: 1593217
Conc: 9.99 ug/ml



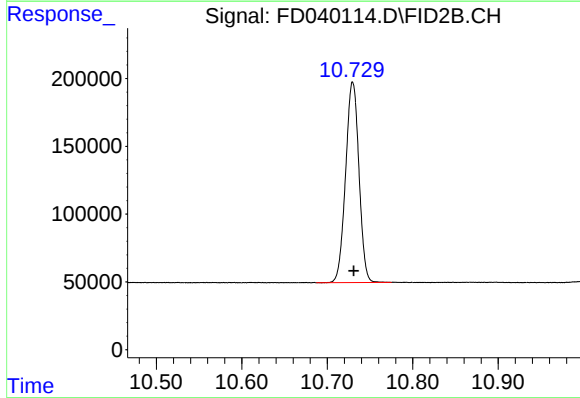
#9 Phenanthrene (C19.36)

R.T.: 9.955 min
Delta R.T.: -0.003 min
Response: 1552244
Conc: 10.00 ug/ml



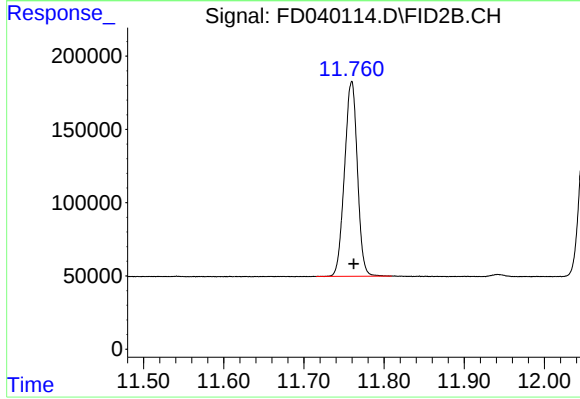
#10 Anthracene (C19.43)

R.T.: 10.029 min
Delta R.T.: -0.003 min
Response: 1546623
Conc: 10.03 ug/ml



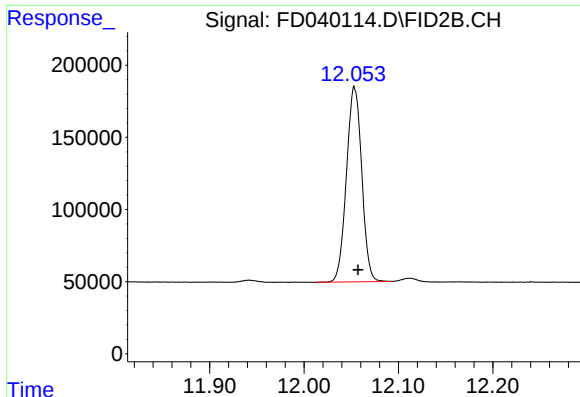
#11 ortho-Terphenyl (SURR)

R.T.: 10.730 min
Delta R.T.: -0.001 min
Response: 1605515
Conc: 10.12 ug/ml



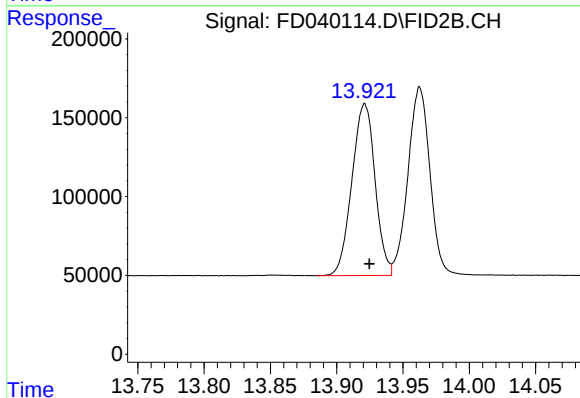
#12 Fluoranthene (C21.85)

R.T.: 11.760 min
Delta R.T.: -0.003 min
Response: 1481200
Conc: 9.99 ug/ml



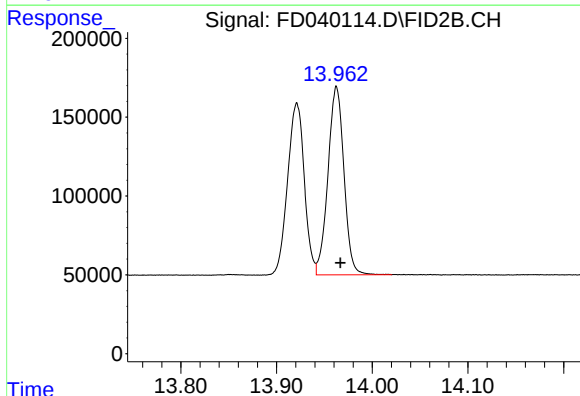
#13 Pyrene (C20.8)

R.T.: 12.053 min
Delta R.T.: -0.004 min
Response: 1522421
Conc: 9.95 ug/ml



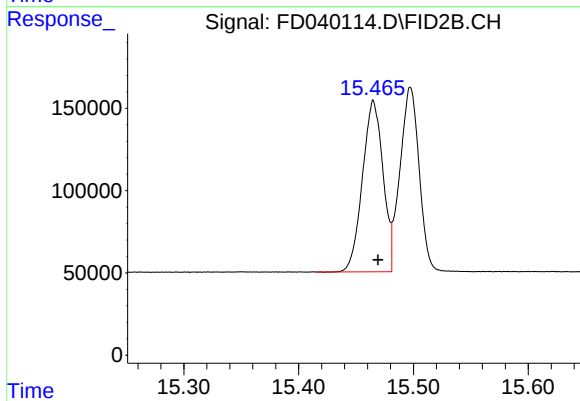
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.921 min
Delta R.T.: -0.004 min
Response: 1325067
Conc: 9.85 ug/ml



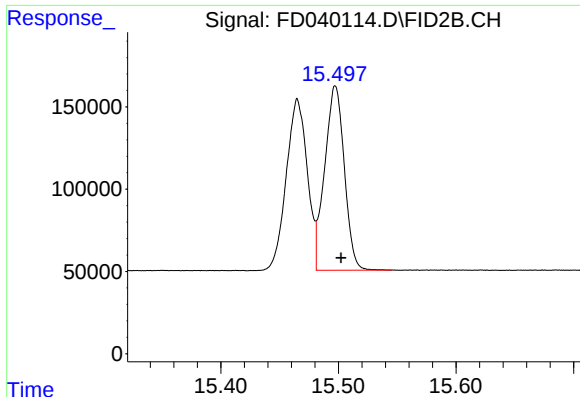
#15 Chrysene (C27.41)

R.T.: 13.963 min
Delta R.T.: -0.004 min
Response: 1383243
Conc: 9.97 ug/ml



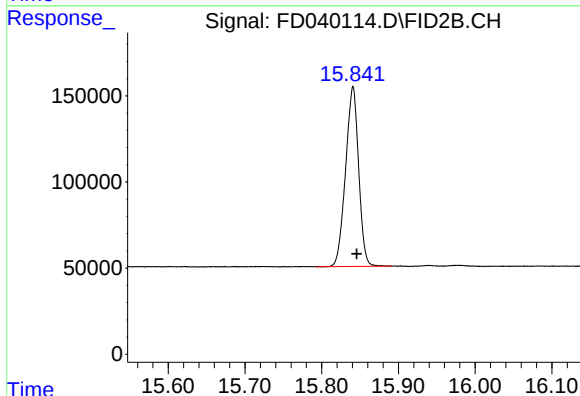
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.465 min
Delta R.T.: -0.004 min
Response: 1293531
Conc: 9.95 ug/ml



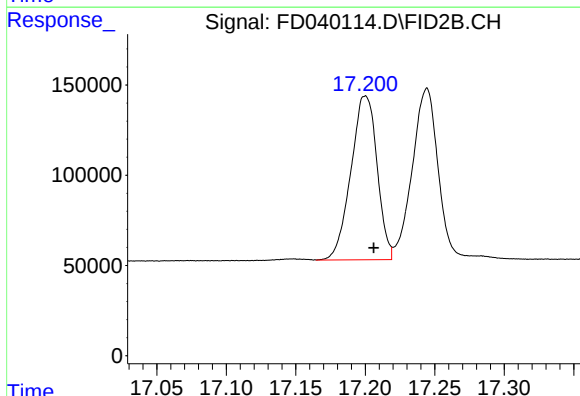
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.497 min
Delta R.T.: -0.005 min
Response: 1301870
Conc: 10.00 ug/ml



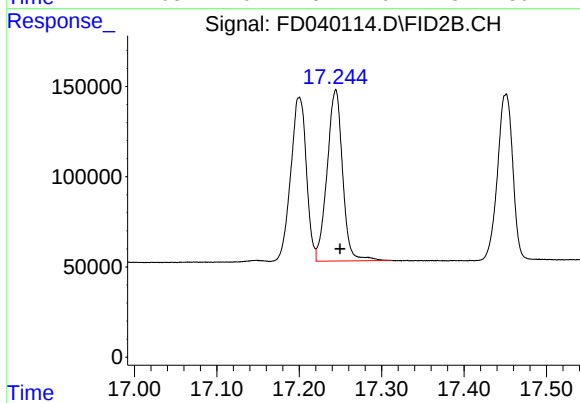
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.841 min
Delta R.T.: -0.005 min
Response: 1236357
Conc: 10.00 ug/ml



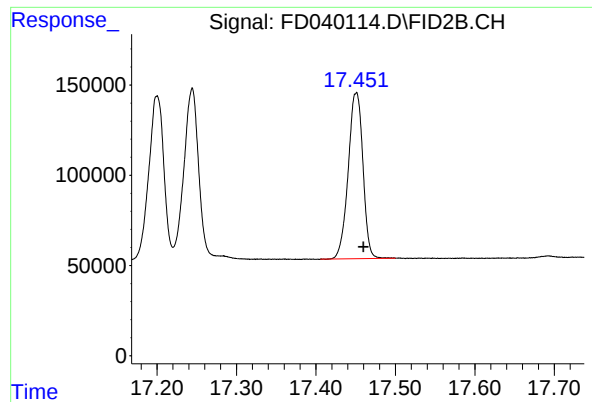
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.200 min
Delta R.T.: -0.006 min
Response: 1190235
Conc: 9.84 ug/ml m



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

R.T.: 17.244 min
Delta R.T.: -0.005 min
Response: 1240883
Conc: 9.96 ug/ml



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

R.T.: 17.451 min
Delta R.T.: -0.009 min
Response: 1183209
Conc: 10.03 ug/ml