

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122221AR\
 Data File : FD040111.D
 Signal(s) : FID2B.CH
 Acq On : 22 Dec 2021 23:37
 Operator : AJ\MA
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 03:09:22 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...	6.848	13977895	93.484 ug/ml
Spiked Amount 50.000		Recovery =	186.97%
6) S 2-Fluorobiphenyl (SURR)	7.701	9505082	93.260 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	186.52%#
11) S ortho-Terphenyl (SURR)	10.743	14907547	93.948 ug/ml
Spiked Amount 50.000		Recovery =	187.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.691	15319402	93.574 ug/ml
2) T Naphthalene (C11.7)	5.195	16162366	93.765 ug/ml
3) T 2-Methylnaphthalene (...)	6.239	16149253	93.996 ug/ml
5) T Acenaphthylene (C15.06)	7.508	15453423	94.073 ug/ml
7) T Acenaphthene (C15.5)	7.805	16495614	93.644 ug/ml
8) T Fluorene (C16.55)	8.581	14945887	93.737 ug/ml
9) T Phenanthrene (C19.36)	9.972	14606455	94.074 ug/ml
10) T Anthracene (C19.43)	10.049	14505470	94.056 ug/ml
12) T Fluoranthene (C21.85)	11.779	14105230	95.172 ug/ml
13) T Pyrene (C20.8)	12.076	14552921	95.149 ug/ml
14) T Benzo[a]anthracene (C...	13.943	13210785	98.172 ug/ml
15) T Chrysene (C27.41)	13.992	13461063	97.010 ug/mlm
16) T benzo[b]fluoranthene ...	15.492	12636119	97.244 ug/ml
17) T Bnezo[k]fluoranthene ...	15.532	12397787	95.264 ug/mlm
18) T Benzo[a]pyrene (C31.34)	15.871	11998800	97.009 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.236	11946357	98.719 ug/ml
20) T Dibenz[a,h]anthracene...	17.279	11656764	93.574 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.494	11374179	96.392 ug/ml

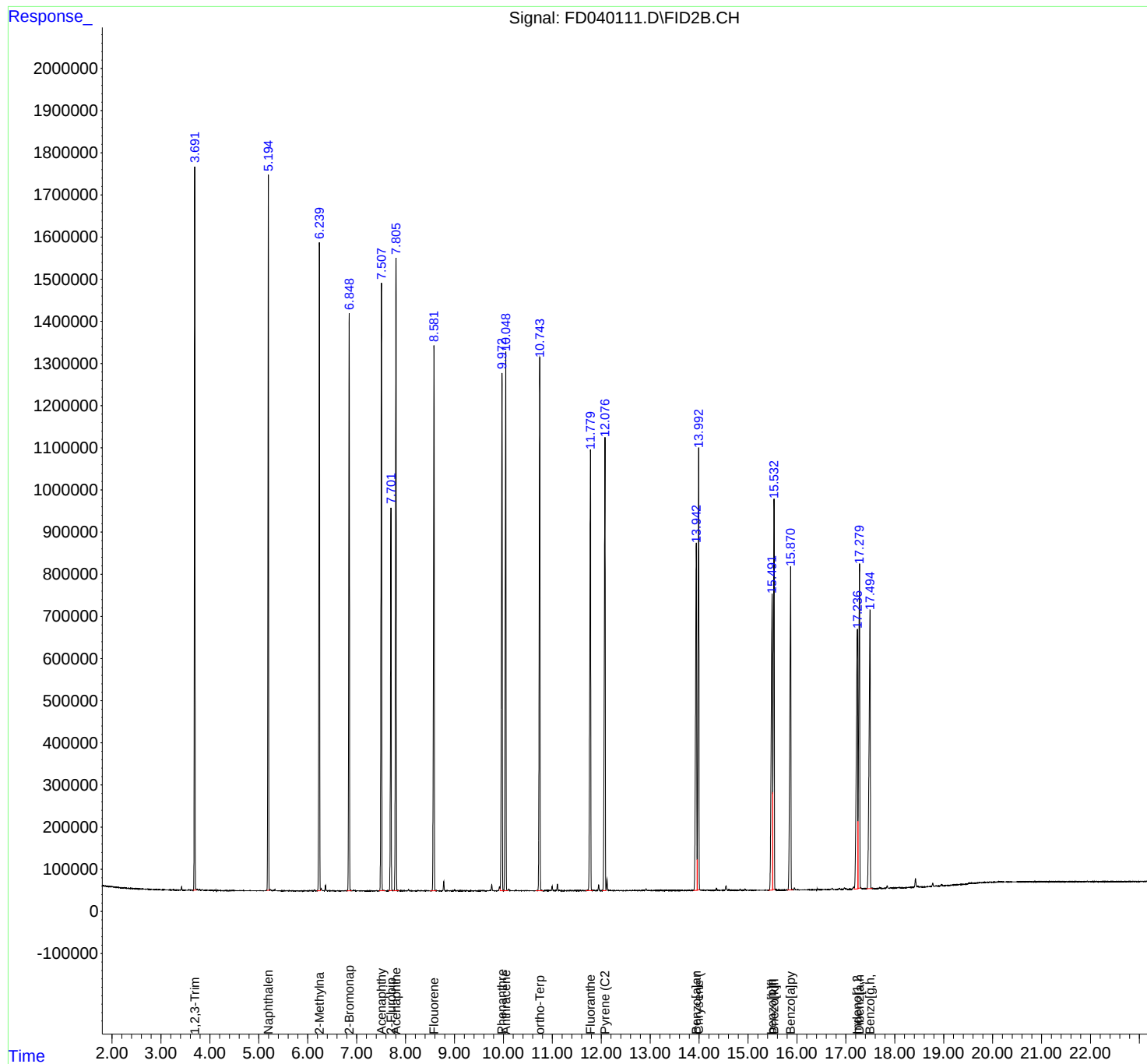
(f)=RT Delta > 1/2 Window

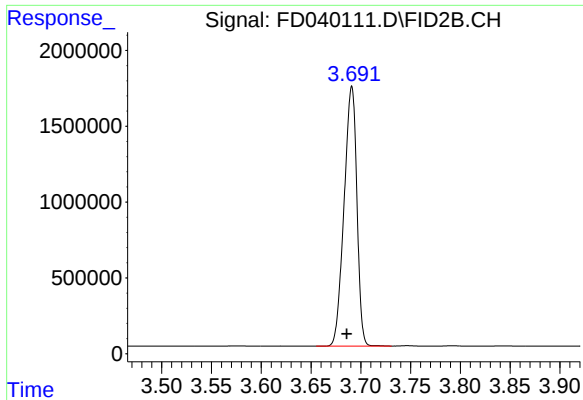
(m)=manual int.

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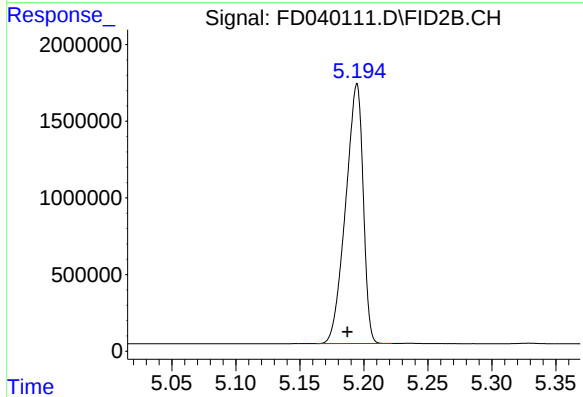
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





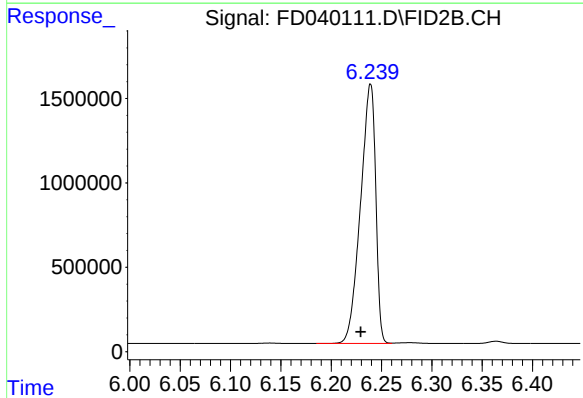
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.691 min
Delta R.T.: 0.005 min
Response: 15319402
Conc: 93.57 ug/ml



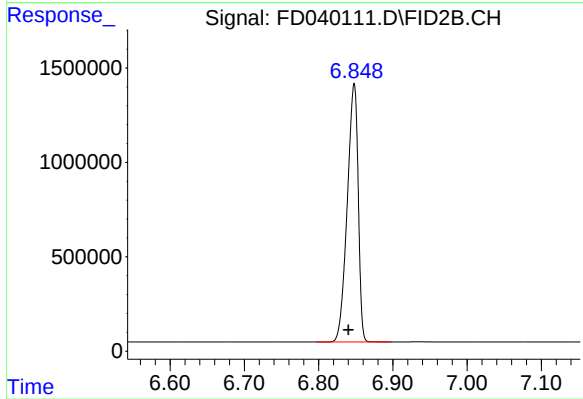
#2 Naphthalene (C11.7)

R.T.: 5.195 min
Delta R.T.: 0.008 min
Response: 16162366
Conc: 93.77 ug/ml



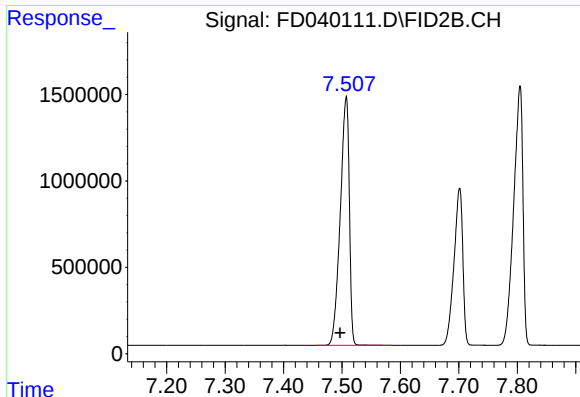
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.239 min
Delta R.T.: 0.010 min
Response: 16149253
Conc: 94.00 ug/ml



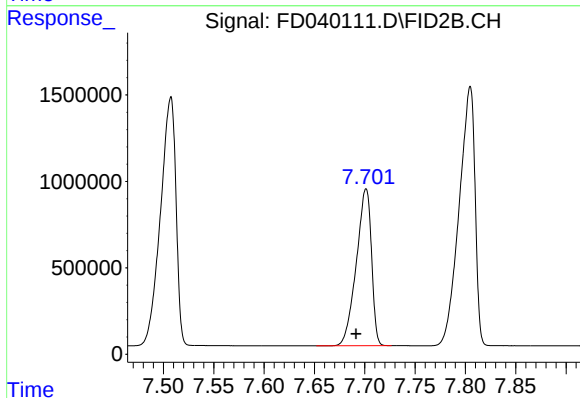
#4 2-Bromonaphthalene (SURR)

R.T.: 6.848 min
Delta R.T.: 0.008 min
Response: 13977895
Conc: 93.48 ug/ml



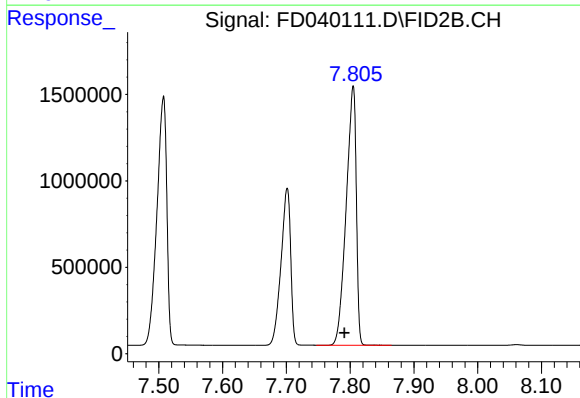
#5 Acenaphthylene (C15.06)

R.T.: 7.508 min
Delta R.T.: 0.011 min
Response: 15453423
Conc: 94.07 ug/ml



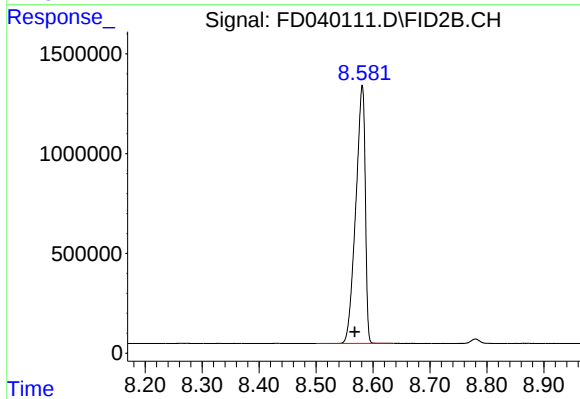
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.701 min
Delta R.T.: 0.010 min
Response: 9505082
Conc: 93.26 ug/ml



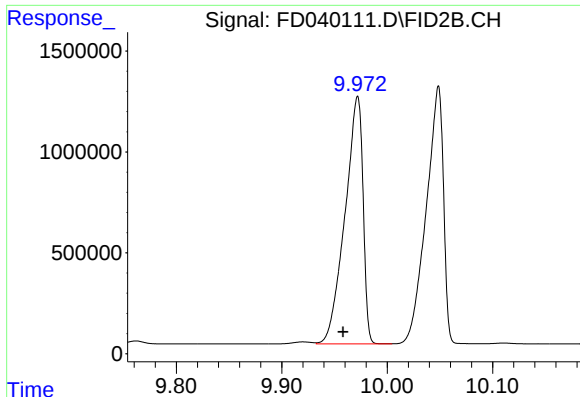
#7 Acenaphthene (C15.5)

R.T.: 7.805 min
Delta R.T.: 0.014 min
Response: 16495614
Conc: 93.64 ug/ml



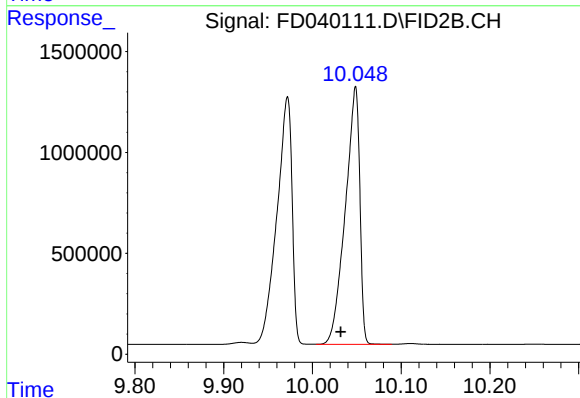
#8 Flouorene (C16.55)

R.T.: 8.581 min
Delta R.T.: 0.013 min
Response: 14945887
Conc: 93.74 ug/ml



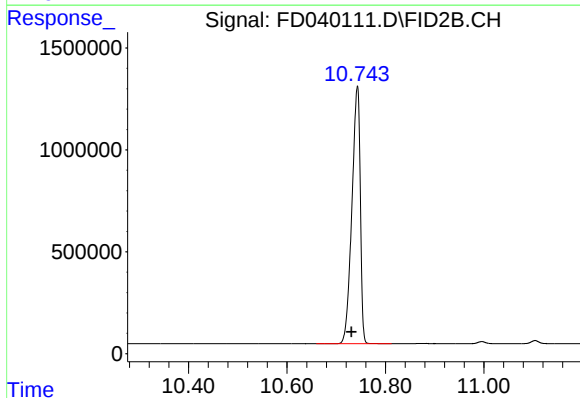
#9 Phenanthrene (C19.36)

R.T.: 9.972 min
Delta R.T.: 0.014 min
Response: 14606455
Conc: 94.07 ug/ml



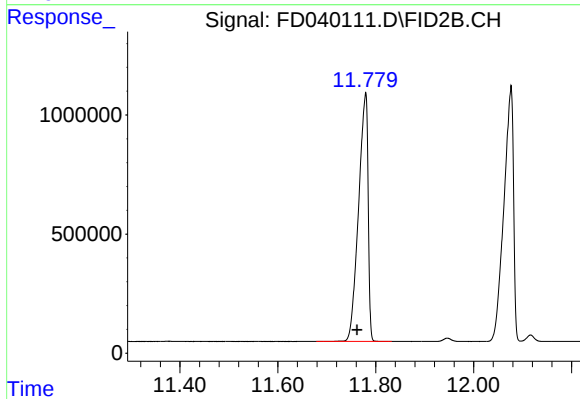
#10 Anthracene (C19.43)

R.T.: 10.049 min
Delta R.T.: 0.017 min
Response: 14505470
Conc: 94.06 ug/ml



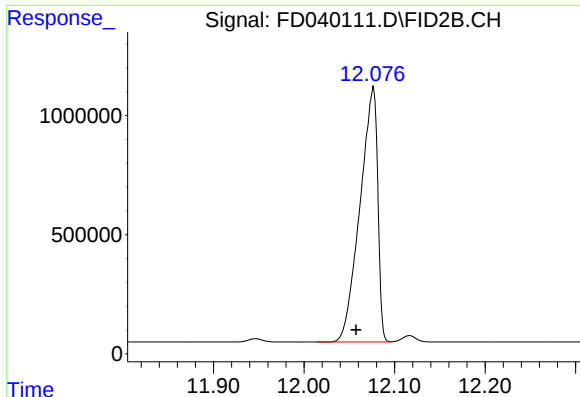
#11 ortho-Terphenyl (SURR)

R.T.: 10.743 min
Delta R.T.: 0.012 min
Response: 14907547
Conc: 93.95 ug/ml



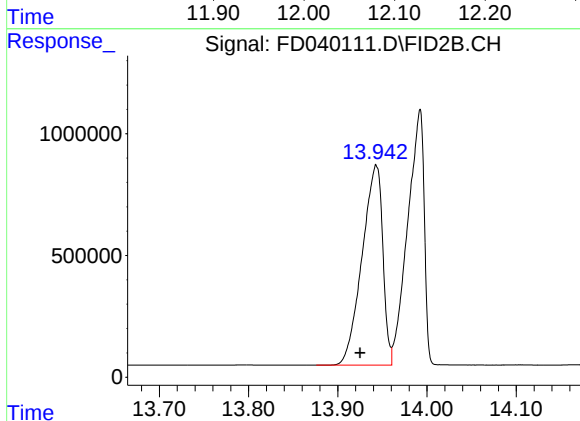
#12 Fluoranthene (C21.85)

R.T.: 11.779 min
Delta R.T.: 0.017 min
Response: 14105230
Conc: 95.17 ug/ml



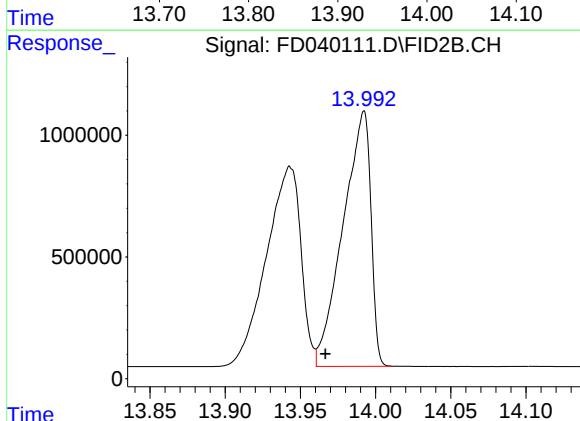
#13 Pyrene (C20.8)

R.T.: 12.076 min
Delta R.T.: 0.019 min
Response: 14552921
Conc: 95.15 ug/ml



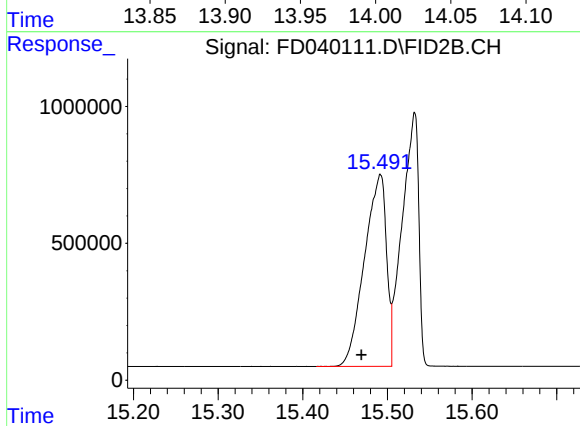
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.943 min
Delta R.T.: 0.018 min
Response: 13210785
Conc: 98.17 ug/ml



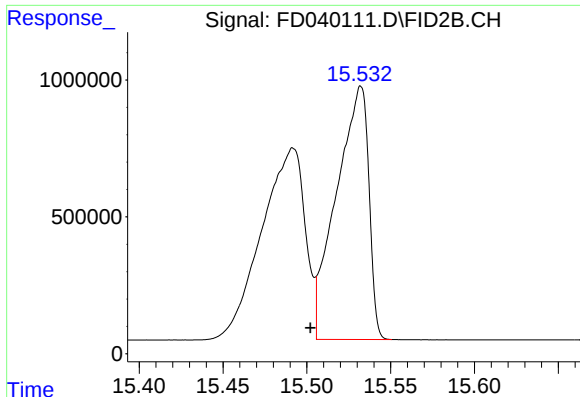
#15 Chrysene (C27.41)

R.T.: 13.992 min
Delta R.T.: 0.026 min
Response: 13461063
Conc: 97.01 ug/ml m



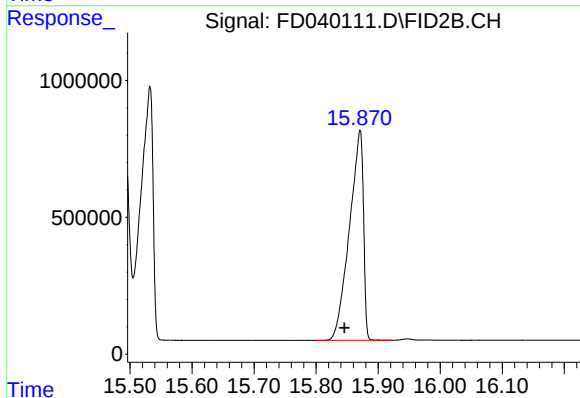
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.492 min
Delta R.T.: 0.023 min
Response: 12636119
Conc: 97.24 ug/ml



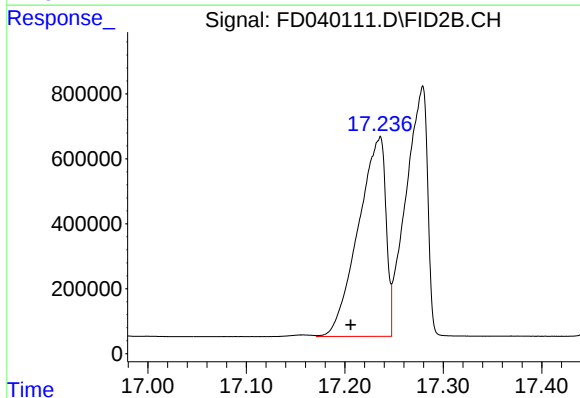
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.532 min
Delta R.T.: 0.030 min
Response: 12397787
Conc: 95.26 ug/ml m



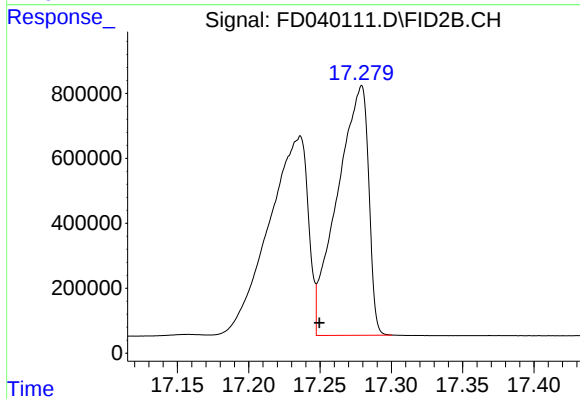
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.871 min
Delta R.T.: 0.025 min
Response: 11998800
Conc: 97.01 ug/ml



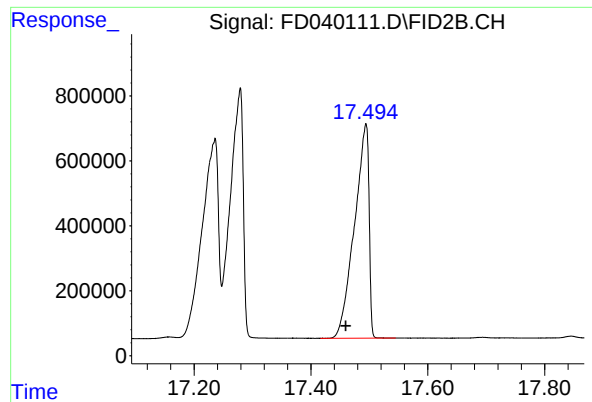
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.236 min
Delta R.T.: 0.030 min
Response: 11946357
Conc: 98.72 ug/ml



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

R.T.: 17.279 min
Delta R.T.: 0.029 min
Response: 11656764
Conc: 93.57 ug/ml m



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

R.T.: 17.494 min
Delta R.T.: 0.034 min
Response: 11374179
Conc: 96.39 ug/ml