

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061423AR\
 Data File : FD045838.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2023 20:58
 Operator : YP/AJ
 Sample : 03157-02MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SU-622-01MSD

Integration File: autoint1.e
 Quant Time: Jun 15 02:55:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.527	8503285	47.165 ug/ml
Spiked Amount 50.000		Recovery =	94.33%
6) S 2-Fluorobiphenyl (SURR)	8.380	3591209	29.870 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	59.74%
11) S ortho-Terphenyl (SURR)	11.422	7354503	32.926 ug/ml
Spiked Amount 50.000		Recovery =	65.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.335	4367607	21.635 ug/ml
2) T Naphthalene (C11.7)	5.863	5319243	25.103 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	5748282	27.217 ug/ml
5) T Acenaphthylene (C15.06)	8.185	7408921	39.105 ug/ml
7) T Acenaphthene (C15.5)	8.481	7164214	35.435 ug/ml
8) T Fluorene (C16.55)	9.261	8074326	40.752 ug/ml
9) T Phenanthrene (C19.36)	10.652	8193467	42.828 ug/ml
10) T Anthracene (C19.43)	10.727	7849260	46.078 ug/ml
12) T Fluoranthene (C21.85)	12.458	8481541	45.909 ug/ml
13) T Pyrene (C20.8)	12.753	8204811	45.940 ug/ml
14) T Benzo[a]anthracene (C...	14.617	7232913	46.197 ug/ml
15) T Chrysene (C27.41)	14.661	7199203	43.636 ug/ml
16) T benzo[b]fluoranthene ...	16.161	7083026	46.800 ug/ml
17) T Bnezo[k]fluoranthene ...	16.195	6613167	42.715 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.535	6291770	43.024 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.894	6342189	43.302 ug/ml
20) T Dibenz[a,h]anthracene...	17.936	6211703	41.406 ug/ml
21) T Benzo[g,h,i]perylene ...	18.150	6257822	42.410 ug/ml

(f)=RT Delta > 1/2 Window

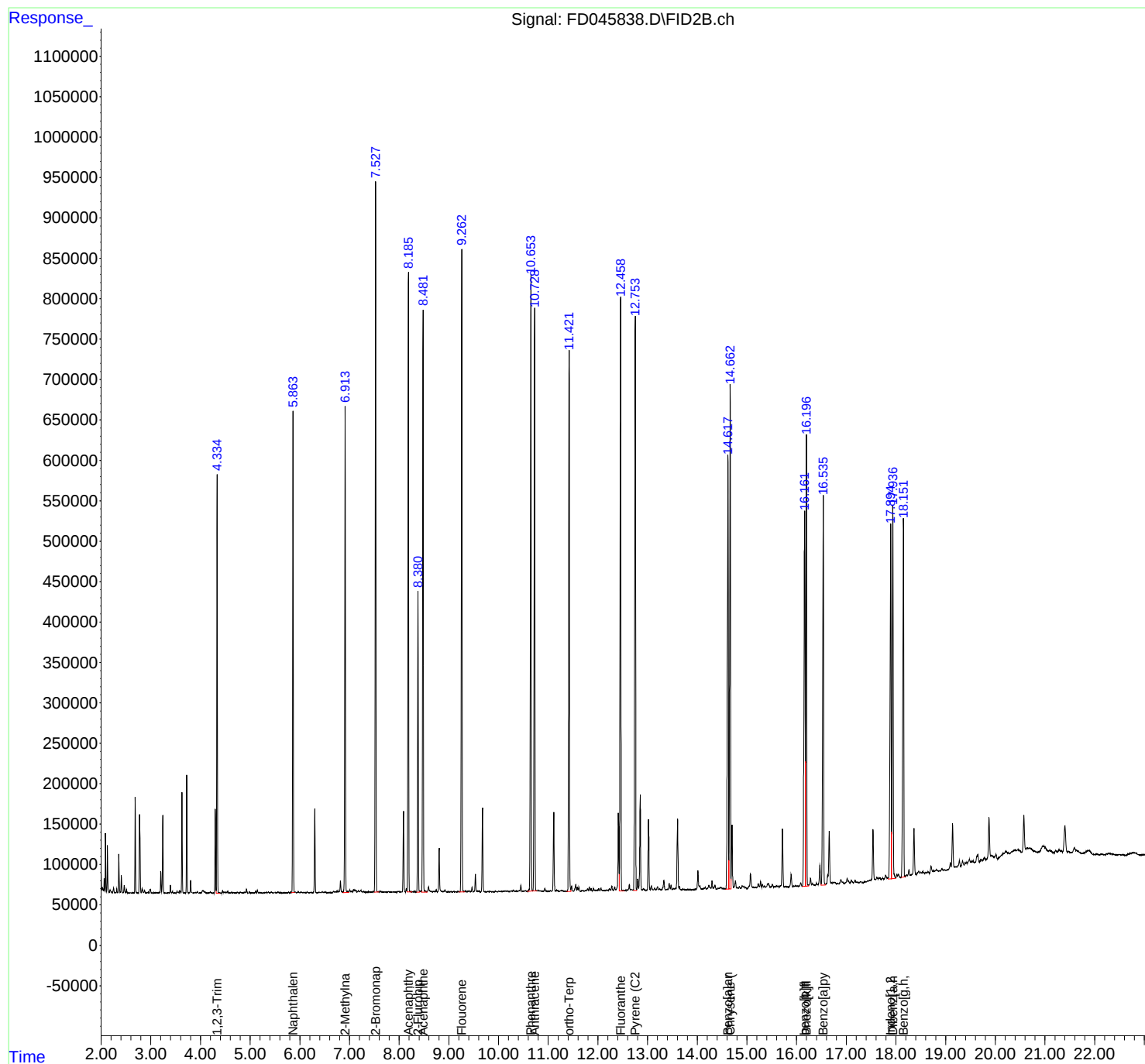
(m)=manual int.

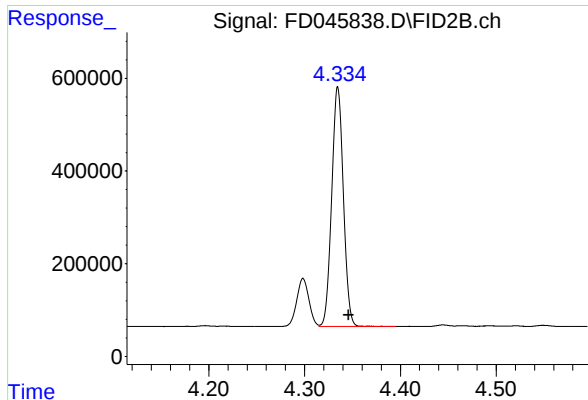
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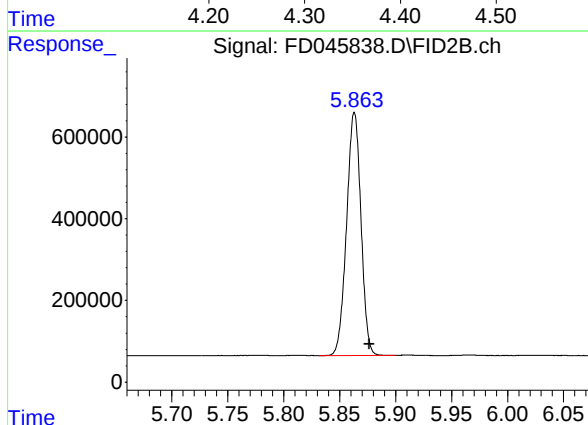




#1 1,2,3-Trimethylbenzene (C10.1)

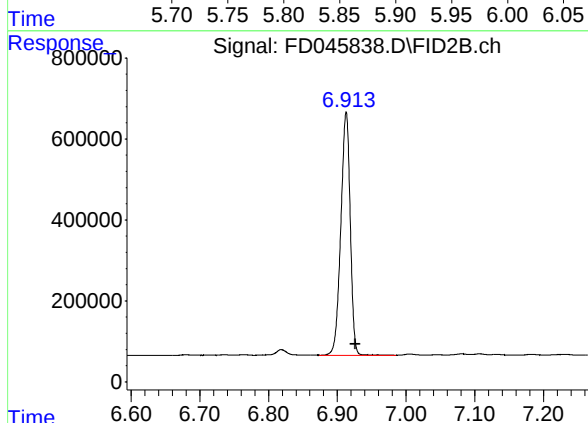
R.T.: 4.335 min
Delta R.T.: -0.011 min
Response: 4367607
Conc: 21.63 ug/ml

Instrument :
FID_D
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SU-622-01MSD



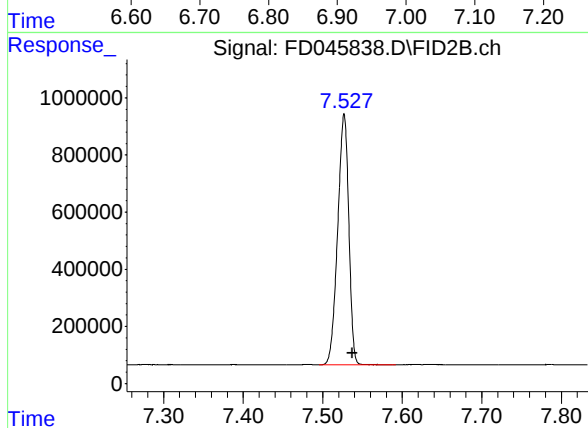
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 5319243
Conc: 25.10 ug/ml



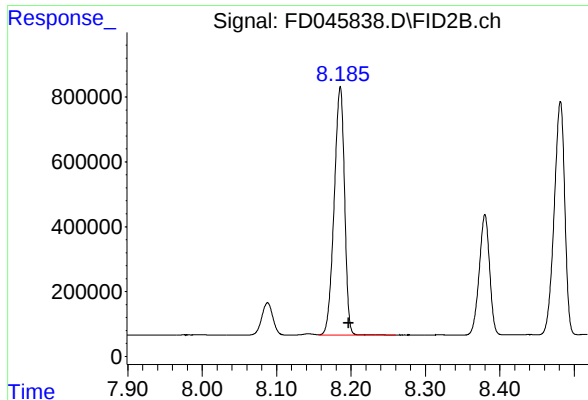
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 5748282
Conc: 27.22 ug/ml



#4 2-Bromonaphthalene (SURR)

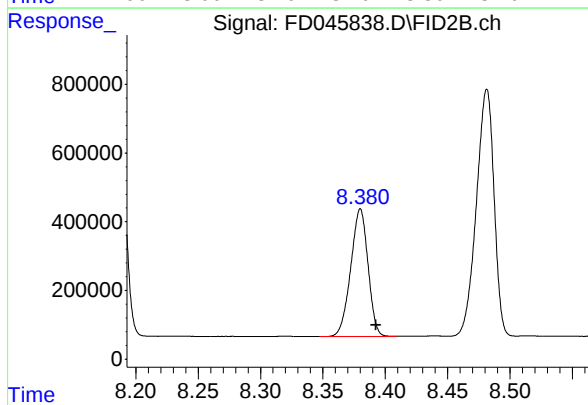
R.T.: 7.527 min
Delta R.T.: -0.011 min
Response: 8503285
Conc: 47.17 ug/ml



#5 Acenaphthylene (C15.06)

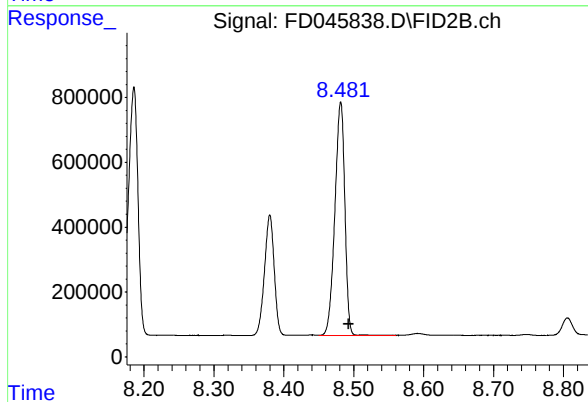
R.T.: 8.185 min
Delta R.T.: -0.011 min
Response: 7408921
Conc: 39.11 ug/ml

Instrument :
FID_D
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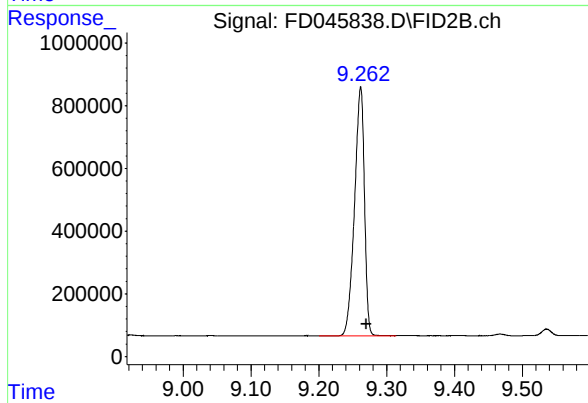
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.380 min
Delta R.T.: -0.013 min
Response: 3591209
Conc: 29.87 ug/ml



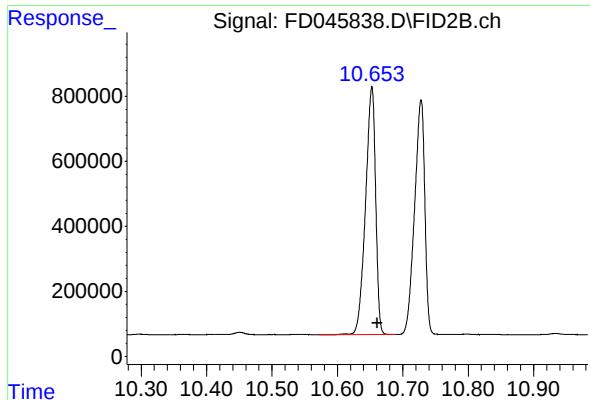
#7 Acenaphthene (C15.5)

R.T.: 8.481 min
Delta R.T.: -0.011 min
Response: 7164214
Conc: 35.43 ug/ml



#8 Flouorene (C16.55)

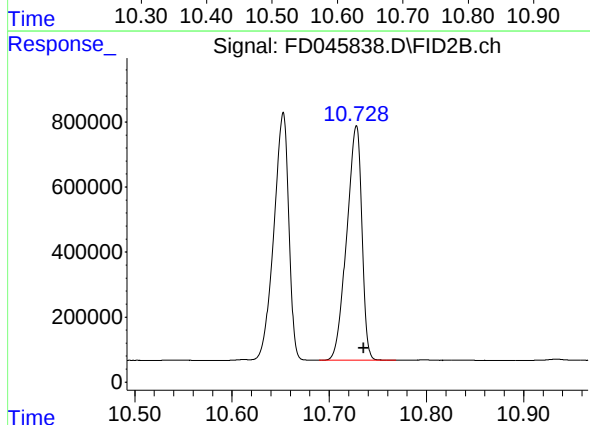
R.T.: 9.261 min
Delta R.T.: -0.009 min
Response: 8074326
Conc: 40.75 ug/ml



#9 Phenanthrene (C19.36)

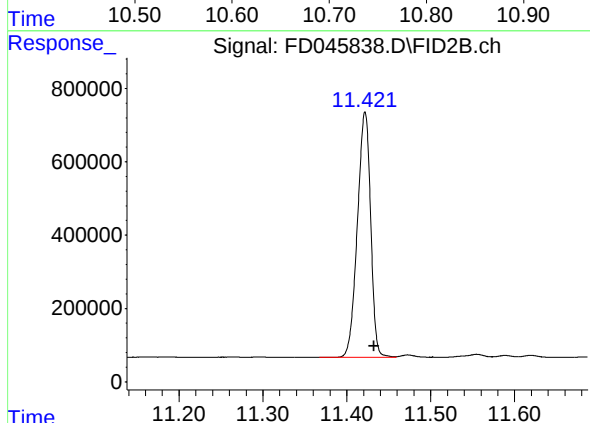
R.T.: 10.652 min
Delta R.T.: -0.009 min
Response: 8193467
Conc: 42.83 ug/ml

Instrument :
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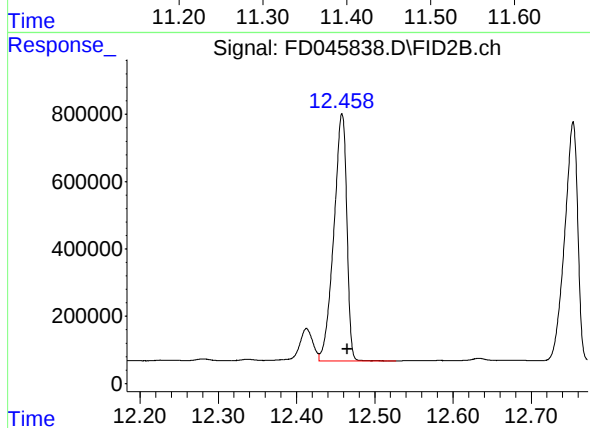
#10 Anthracene (C19.43)

R.T.: 10.727 min
Delta R.T.: -0.008 min
Response: 7849260
Conc: 46.08 ug/ml



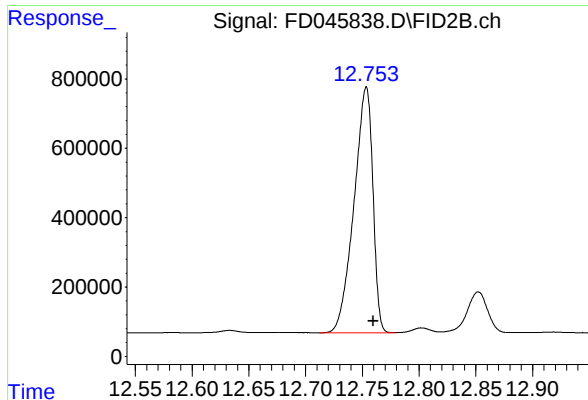
#11 ortho-Terphenyl (SURRE)

R.T.: 11.422 min
Delta R.T.: -0.011 min
Response: 7354503
Conc: 32.93 ug/ml



#12 Fluoranthene (C21.85)

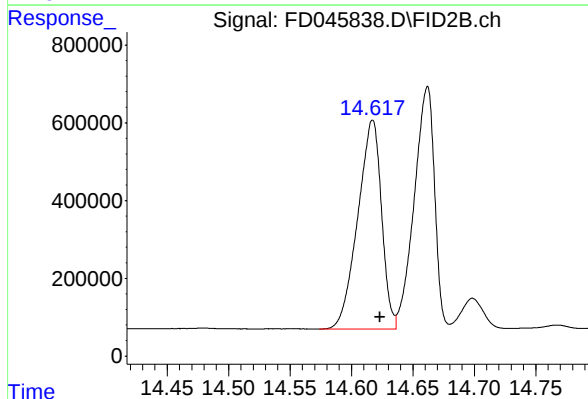
R.T.: 12.458 min
Delta R.T.: -0.007 min
Response: 8481541
Conc: 45.91 ug/ml



#13 Pyrene (C20.8)

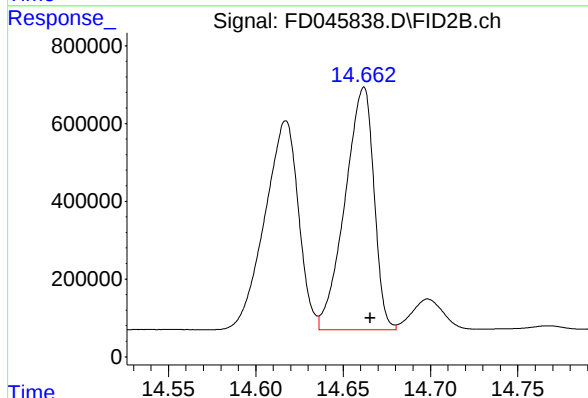
R.T.: 12.753 min
Delta R.T.: -0.006 min
Response: 8204811
Conc: 45.94 ug/ml

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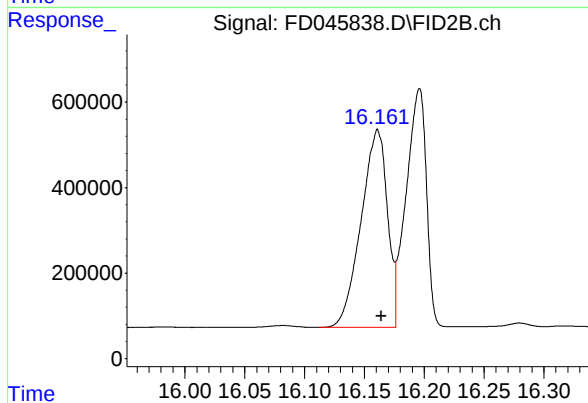
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.617 min
Delta R.T.: -0.006 min
Response: 7232913
Conc: 46.20 ug/ml



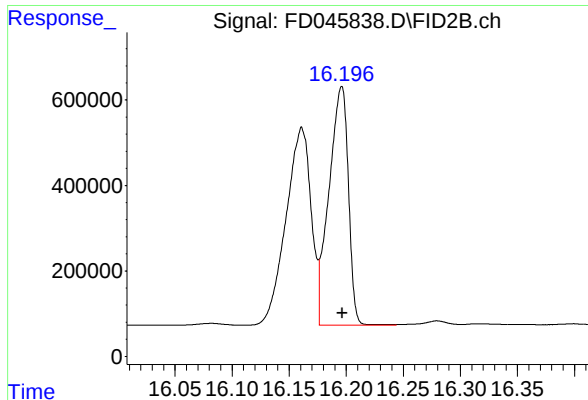
#15 Chrysene (C27.41)

R.T.: 14.661 min
Delta R.T.: -0.004 min
Response: 7199203
Conc: 43.64 ug/ml



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

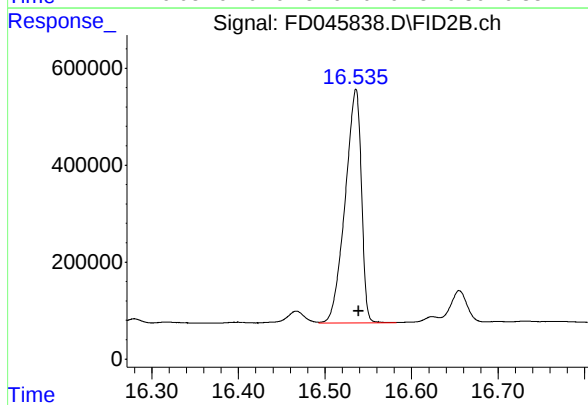
R.T.: 16.161 min
Delta R.T.: -0.004 min
Response: 7083026
Conc: 46.80 ug/ml



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

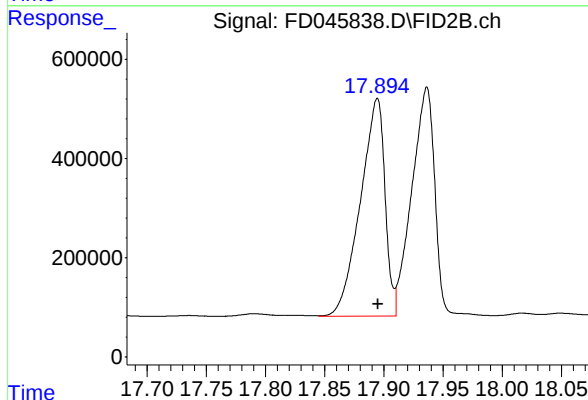
R.T.: 16.195 min
Delta R.T.: -0.001 min
Response: 6613167
Conc: 42.72 ug/ml

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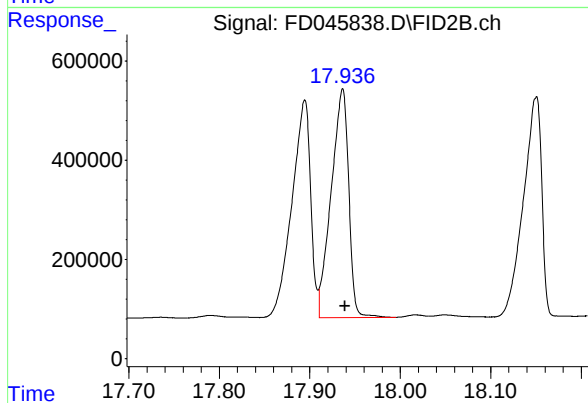
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.535 min
Delta R.T.: -0.004 min
Response: 6291770
Conc: 43.02 ug/ml



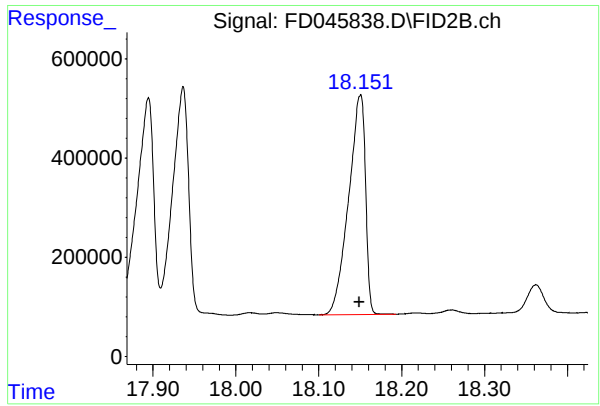
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.894 min
Delta R.T.: -0.001 min
Response: 6342189
Conc: 43.30 ug/ml



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

R.T.: 17.936 min
Delta R.T.: -0.003 min
Response: 6211703
Conc: 41.41 ug/ml



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

R.T.: 18.150 min
Delta R.T.: 0.000 min
Response: 6257822
Conc: 42.41 ug/ml

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