

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061423AR\
 Data File : FD045837.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jun 2023 20:17
 Operator : YP/AJ
 Sample : 03157-02MS
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 SU-622-01MS

Integration File: autoint1.e
 Quant Time: Jun 15 02:55:21 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...	7.526	8568760	47.528 ug/ml
Spiked Amount 50.000		Recovery =	95.06%
6) S 2-Fluorobiphenyl (SURR)	8.380	3623187	30.136 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.27%
11) S ortho-Terphenyl (SURR)	11.421	7415798	33.200 ug/ml
Spiked Amount 50.000		Recovery =	66.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.334	4387203	21.732 ug/ml
2) T Naphthalene (C11.7)	5.863	5347409	25.236 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	5754004	27.244 ug/ml
5) T Acenaphthylene (C15.06)	8.185	7463853	39.395 ug/ml
7) T Acenaphthene (C15.5)	8.481	7183502	35.530 ug/ml
8) T Fluorene (C16.55)	9.261	8144538	41.106 ug/ml
9) T Phenanthrene (C19.36)	10.651	8258137	43.166 ug/ml
10) T Anthracene (C19.43)	10.726	7902006	46.387 ug/ml
12) T Fluoranthene (C21.85)	12.458	8552890	46.295 ug/ml
13) T Pyrene (C20.8)	12.753	8290109	46.418 ug/ml
14) T Benzo[a]anthracene (C...	14.616	7256465	46.347 ug/ml
15) T Chrysene (C27.41)	14.660	7223424	43.783 ug/ml
16) T benzo[b]fluoranthene ...	16.159	7102735	46.930 ug/ml
17) T Bnezo[k]fluoranthene ...	16.195	6586070	42.540 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.535	6280655	42.948 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.893	6314553	43.113 ug/ml
20) T Dibenz[a,h]anthracene...	17.934	6182071	41.209 ug/ml
21) T Benzo[g,h,i]perylene ...	18.149	6259721	42.423 ug/ml

(f)=RT Delta > 1/2 Window

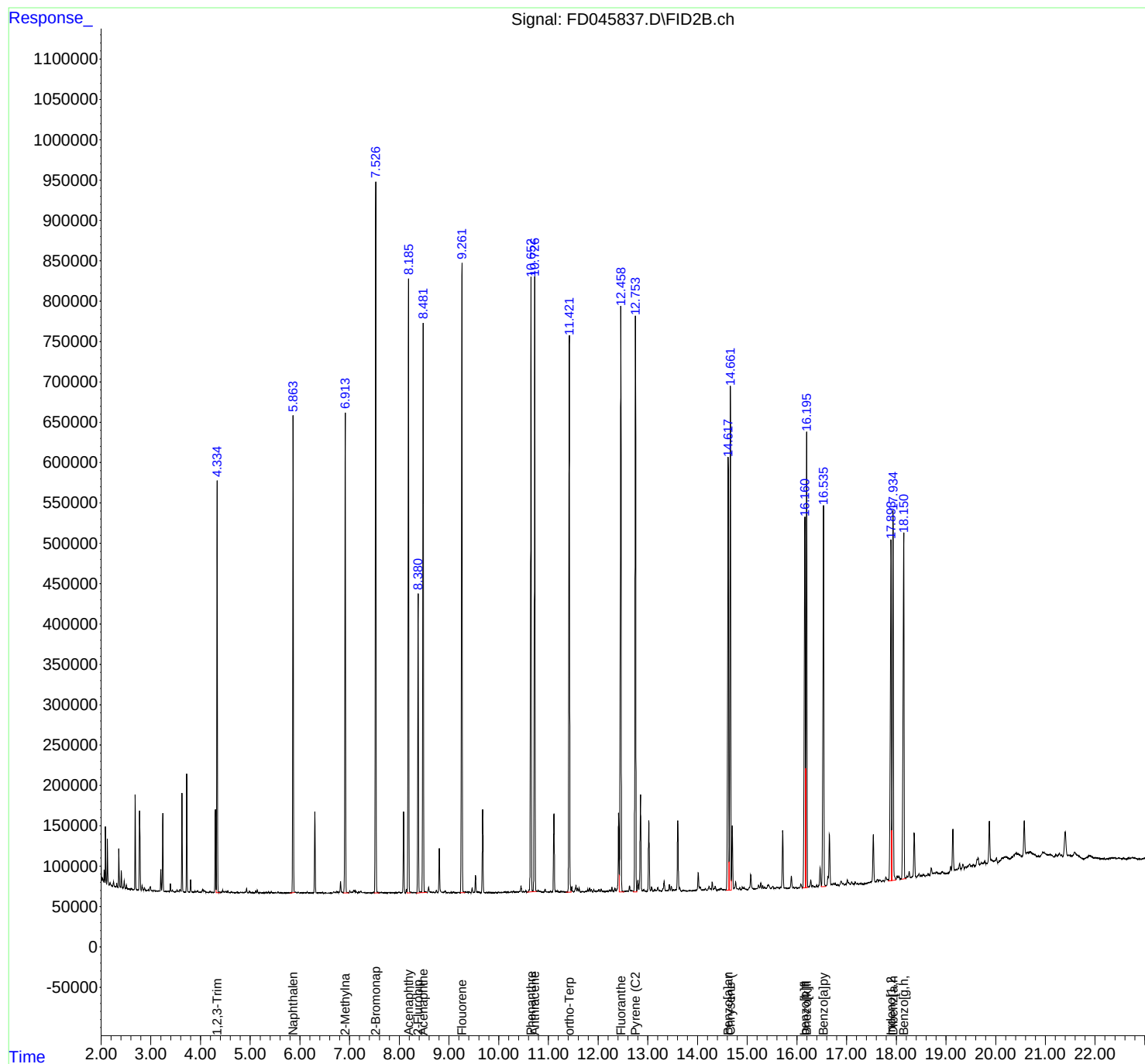
(m)=manual int.

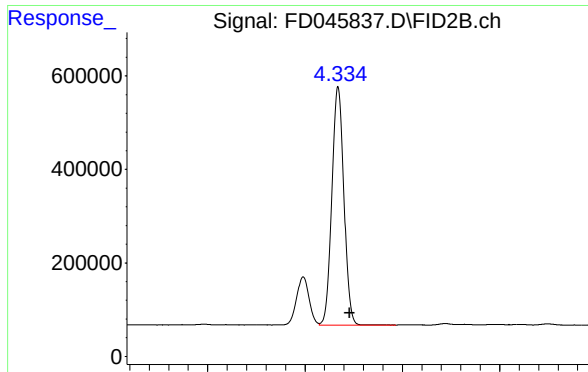
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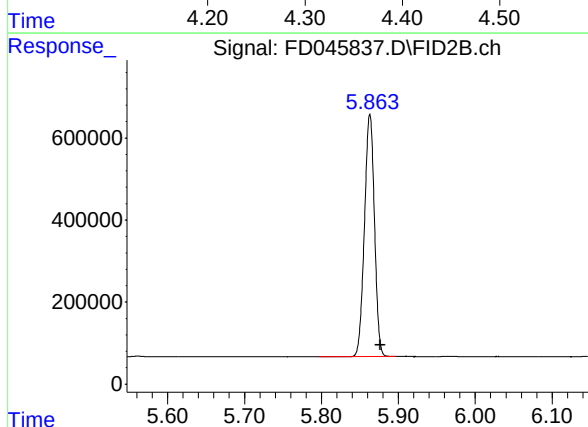




#1 1,2,3-Trimethylbenzene (C10.1)

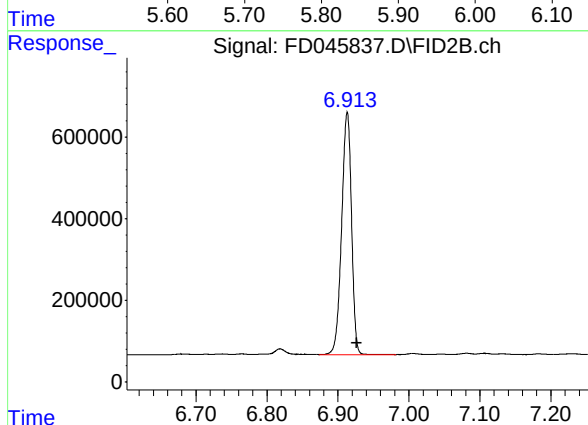
R.T.: 4.334 min
Delta R.T.: -0.012 min
Response: 4387203
Conc: 21.73 ug/ml

Instrument :
FID_D
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SU-622-01MS



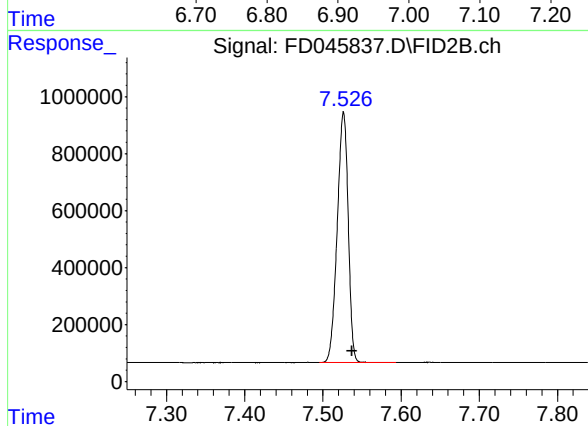
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 5347409
Conc: 25.24 ug/ml



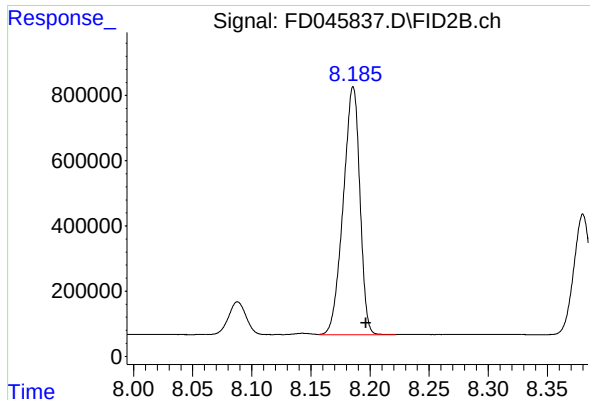
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 5754004
Conc: 27.24 ug/ml



#4 2-Bromonaphthalene (SURR)

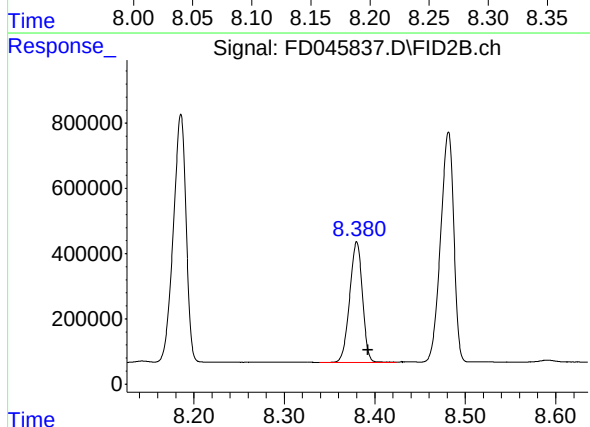
R.T.: 7.526 min
Delta R.T.: -0.011 min
Response: 8568760
Conc: 47.53 ug/ml



#5 Acenaphthylene (C15.06)

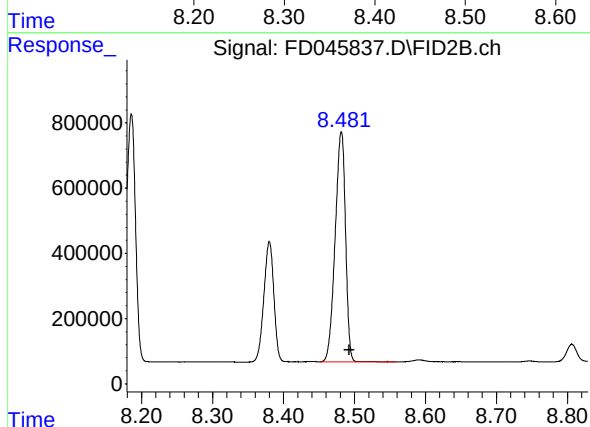
R.T.: 8.185 min
Delta R.T.: -0.011 min
Response: 7463853
Conc: 39.39 ug/ml

Instrument :
FID_D
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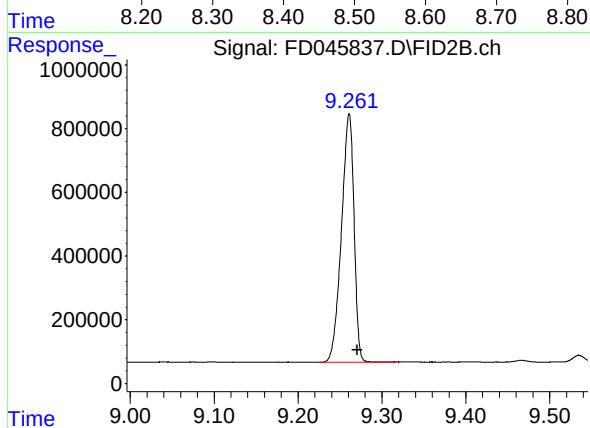
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.380 min
Delta R.T.: -0.013 min
Response: 3623187
Conc: 30.14 ug/ml



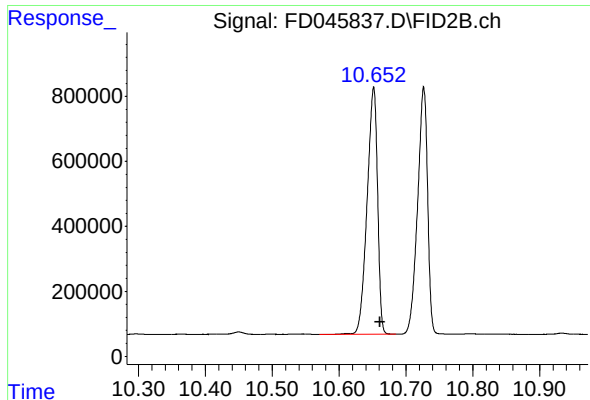
#7 Acenaphthene (C15.5)

R.T.: 8.481 min
Delta R.T.: -0.011 min
Response: 7183502
Conc: 35.53 ug/ml



#8 Flouorene (C16.55)

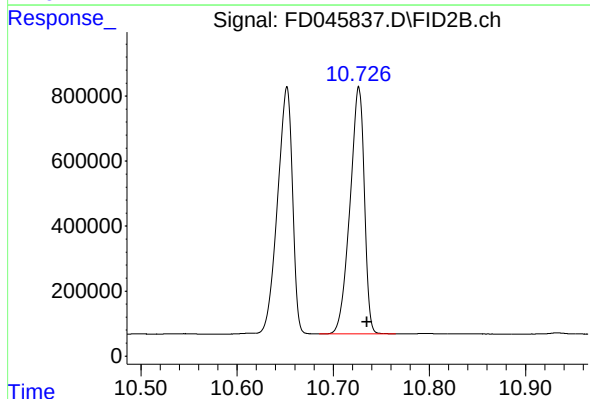
R.T.: 9.261 min
Delta R.T.: -0.010 min
Response: 8144538
Conc: 41.11 ug/ml



#9 Phenanthrene (C19.36)

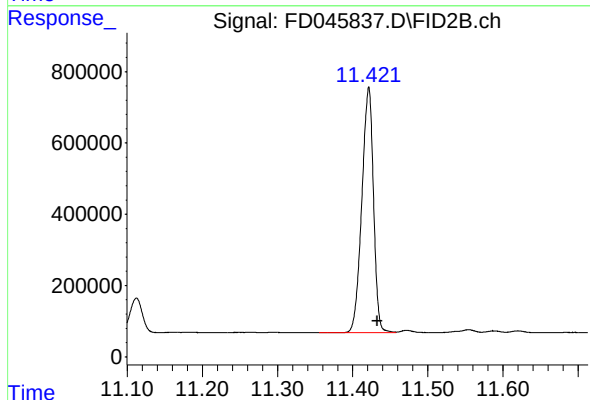
R.T.: 10.651 min
Delta R.T.: -0.010 min
Response: 8258137
Conc: 43.17 ug/ml

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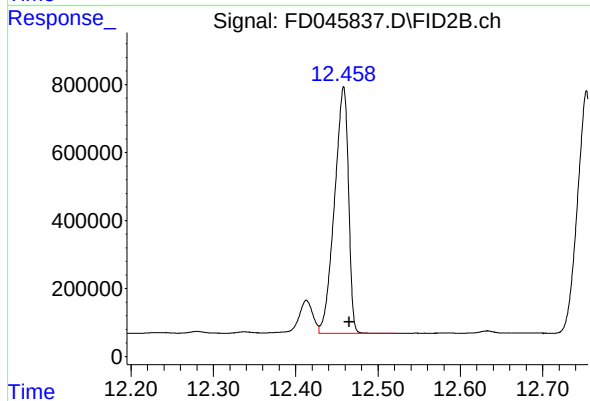
#10 Anthracene (C19.43)

R.T.: 10.726 min
Delta R.T.: -0.009 min
Response: 7902006
Conc: 46.39 ug/ml



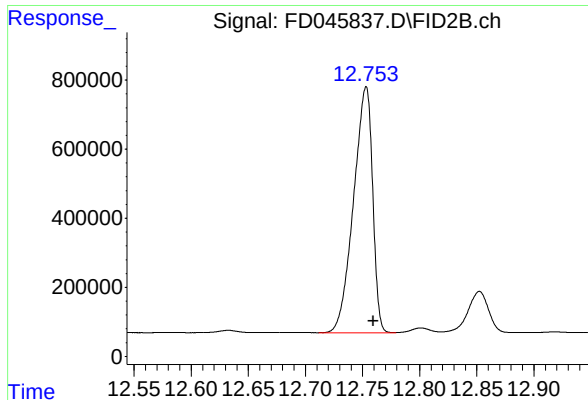
#11 ortho-Terphenyl (SURRE)

R.T.: 11.421 min
Delta R.T.: -0.012 min
Response: 7415798
Conc: 33.20 ug/ml



#12 Fluoranthene (C21.85)

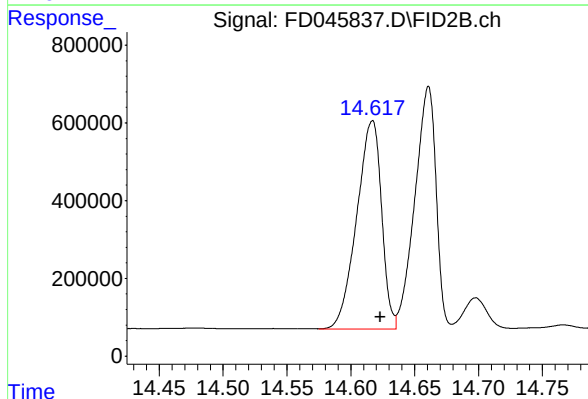
R.T.: 12.458 min
Delta R.T.: -0.007 min
Response: 8552890
Conc: 46.29 ug/ml



#13 Pyrene (C20.8)

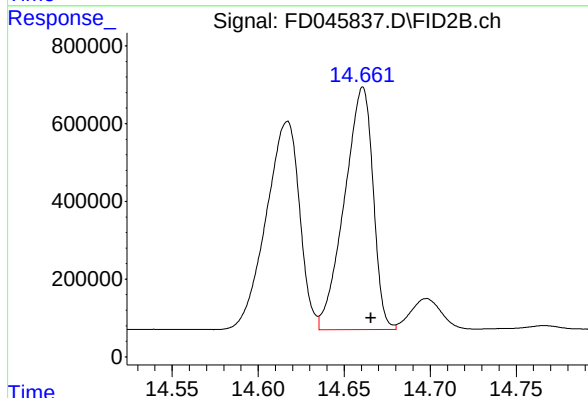
R.T.: 12.753 min
Delta R.T.: -0.007 min
Response: 8290109
Conc: 46.42 ug/ml

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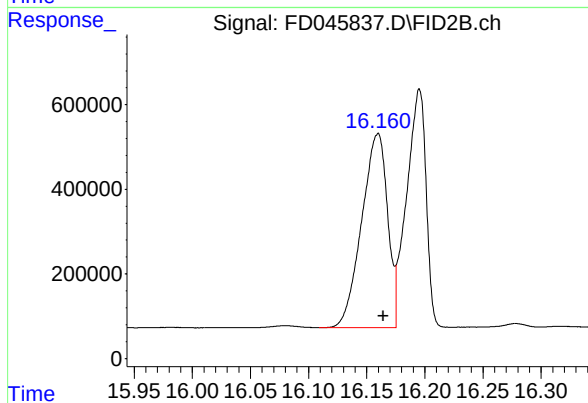
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.616 min
Delta R.T.: -0.007 min
Response: 7256465
Conc: 46.35 ug/ml



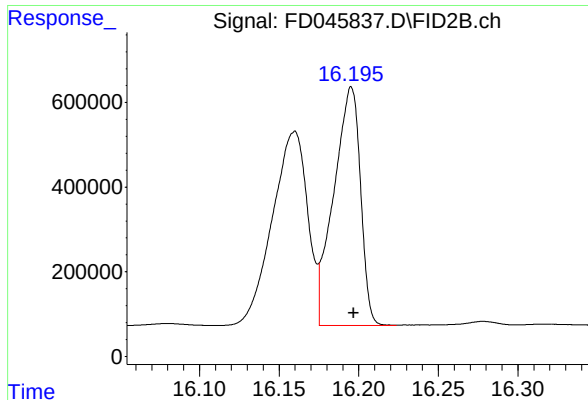
#15 Chrysene (C27.41)

R.T.: 14.660 min
Delta R.T.: -0.005 min
Response: 7223424
Conc: 43.78 ug/ml



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

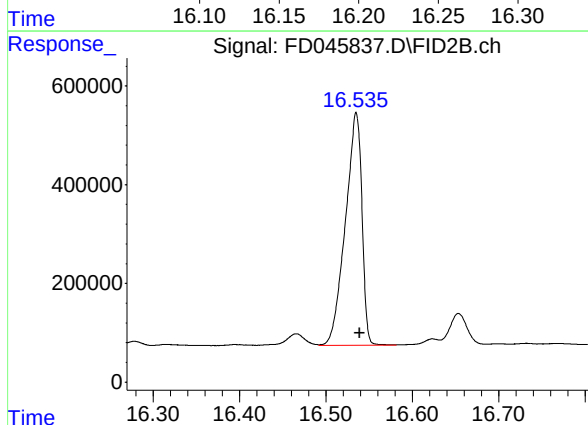
R.T.: 16.159 min
Delta R.T.: -0.005 min
Response: 7102735
Conc: 46.93 ug/ml



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

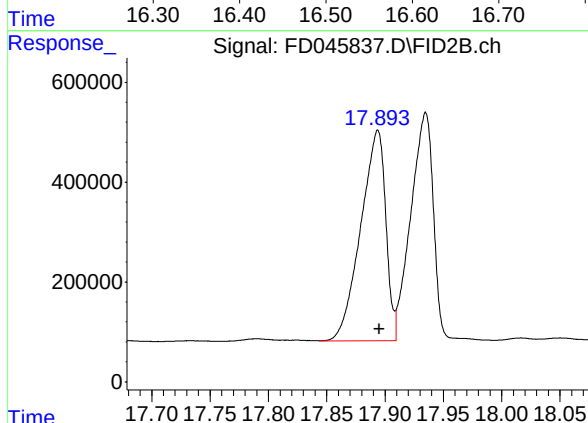
R.T.: 16.195 min
Delta R.T.: -0.002 min
Response: 6586070
Conc: 42.54 ug/ml

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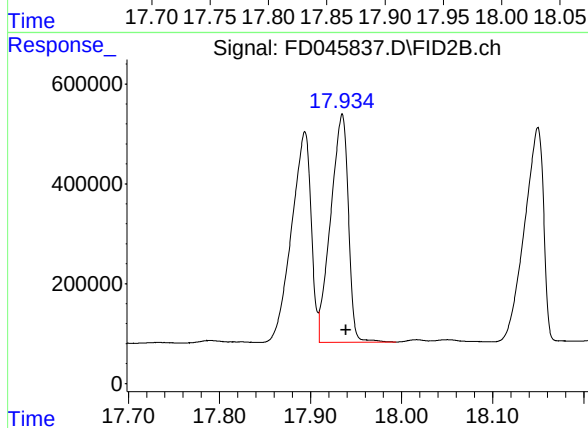
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.535 min
Delta R.T.: -0.004 min
Response: 6280655
Conc: 42.95 ug/ml



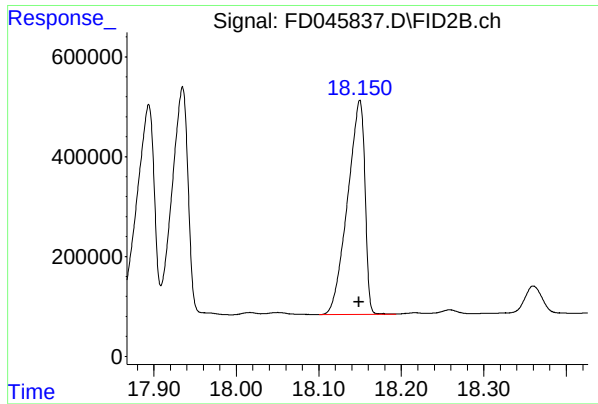
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.893 min
Delta R.T.: -0.002 min
Response: 6314553
Conc: 43.11 ug/ml



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

R.T.: 17.934 min
Delta R.T.: -0.005 min
Response: 6182071
Conc: 41.21 ug/ml



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

R.T.: 18.149 min
Delta R.T.: 0.000 min
Response: 6259721
Conc: 42.42 ug/ml

Instrument :

FID_D

ClientSampleId :

SU-622-01MS