

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072423AR\
 Data File : FD046201.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jul 2023 16:46
 Operator : YP/AJ
 Sample : PB154375BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154375BS

Integration File: autoint1.e
 Quant Time: Jul 25 05:10:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.507	6656474	44.531 ug/ml
Spiked Amount 50.000		Recovery =	89.06%
6) S 2-Fluorobiphenyl (SURR)	8.361	2841272	30.351 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	60.70%
11) S ortho-Terphenyl (SURR)	11.400	6837895	39.154 ug/ml
Spiked Amount 50.000		Recovery =	78.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.317	4235988	23.250 ug/ml
2) T Naphthalene (C11.7)	5.845	5134086	28.426 ug/ml
3) T 2-Methylnaphthalene (...)	6.895	5564294	31.615 ug/ml
5) T Acenaphthylene (C15.06)	8.166	6347488	41.602 ug/ml
7) T Acenaphthene (C15.5)	8.462	6244795	38.297 ug/ml
8) T Flouorene (C16.55)	9.241	6977312	45.855 ug/ml
9) T Phenanthrene (C19.36)	10.630	6664412	46.282 ug/ml
10) T Anthracene (C19.43)	10.705	6426446	49.105 ug/ml
12) T Fluoranthene (C21.85)	12.434	6451316	46.169 ug/ml
13) T Pyrene (C20.8)	12.729	6353603	45.843 ug/ml
14) T Benzo[a]anthracene (C...	14.594	6170882	47.013 ug/ml
15) T Chrysene (C27.41)	14.638	6096324	43.236 ug/ml
16) T benzo[b]fluoranthene ...	16.138	6342965	46.379 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	6203600	45.258 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	5681669	43.642 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.873	6055136	50.345 ug/ml
20) T Dibenz[a,h]anthracene...	17.914	5659294	44.250 ug/ml
21) T Benzo[g,h,i]perylene ...	18.128	5924973	46.702 ug/ml

(f)=RT Delta > 1/2 Window

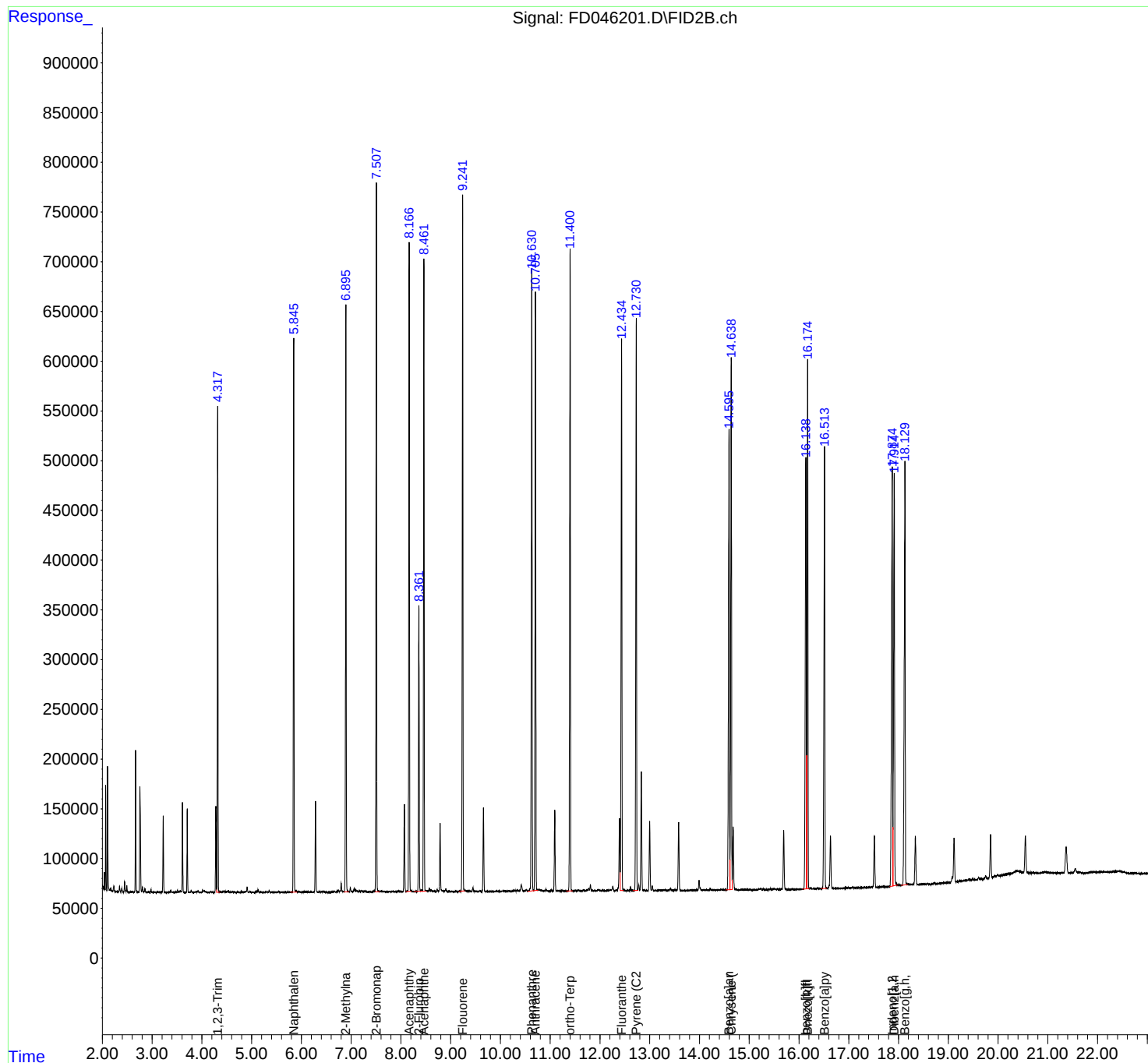
(m)=manual int.

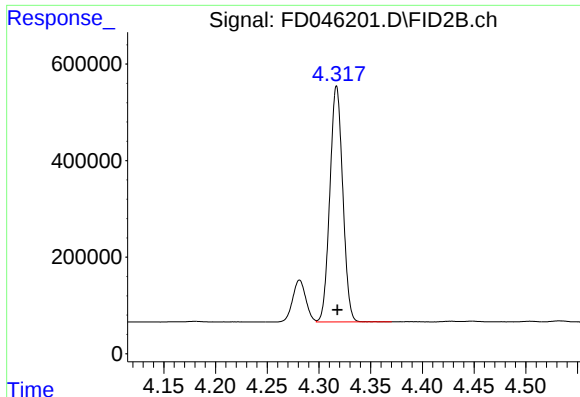
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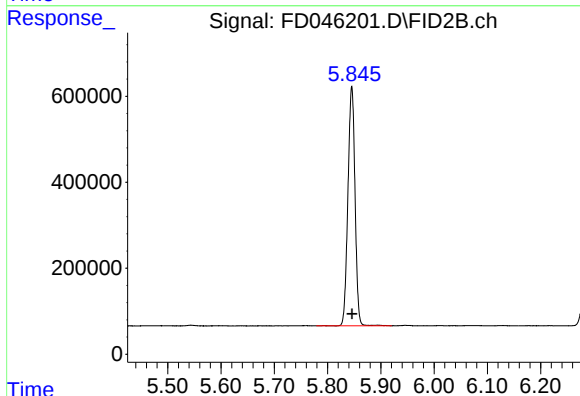




#1 1,2,3-Trimethylbenzene (C10.1)

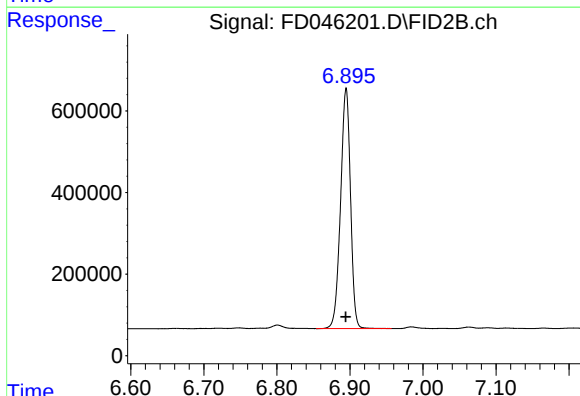
R.T.: 4.317 min
Delta R.T.: 0.000 min
Response: 4235988
Conc: 23.25 ug/ml

Instrument :
FID_D
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PB154375BS



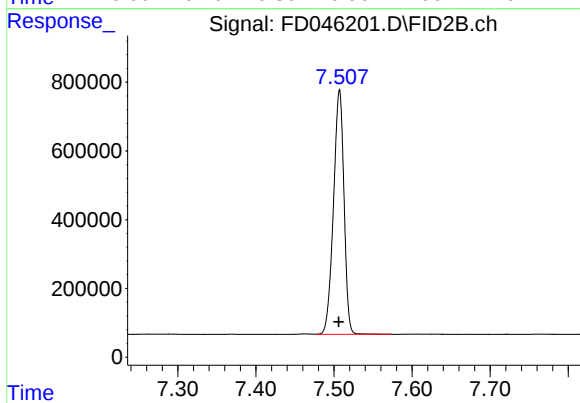
#2 Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 5134086
Conc: 28.43 ug/ml



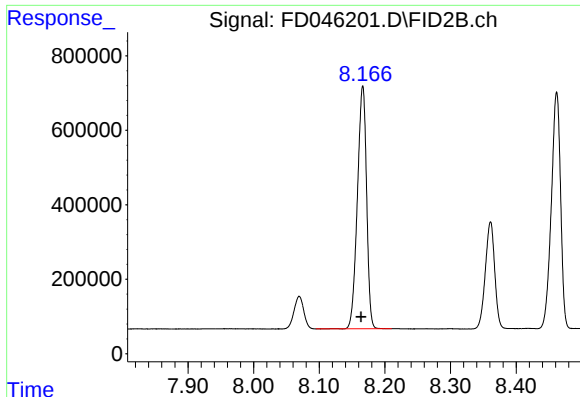
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.895 min
Delta R.T.: 0.000 min
Response: 5564294
Conc: 31.61 ug/ml



#4 2-Bromonaphthalene (SURR)

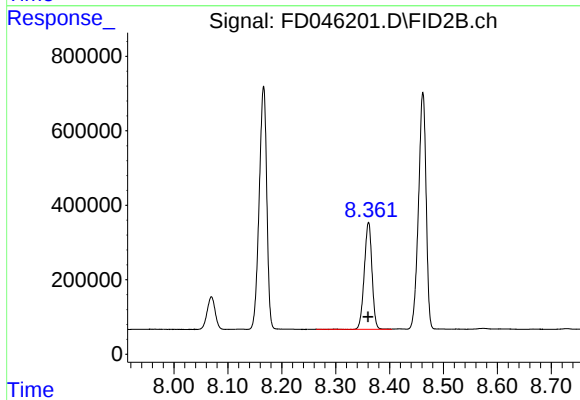
R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 6656474
Conc: 44.53 ug/ml



#5 Acenaphthylene (C15.06)

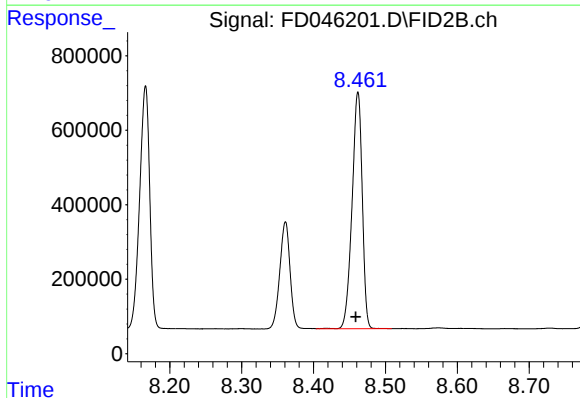
R.T.: 8.166 min
Delta R.T.: 0.002 min
Response: 6347488
Conc: 41.60 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154375BS



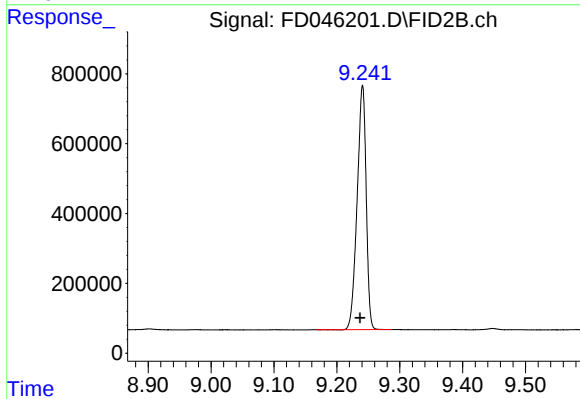
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.361 min
Delta R.T.: 0.000 min
Response: 2841272
Conc: 30.35 ug/ml



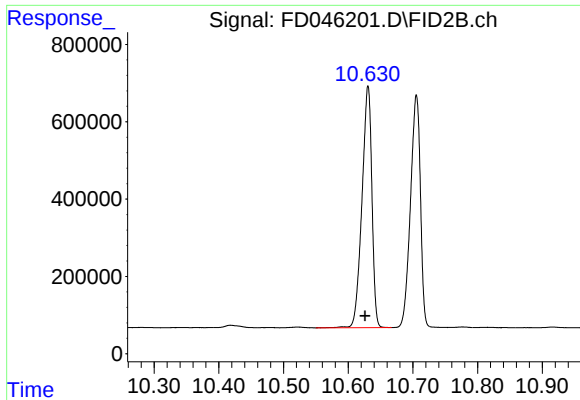
#7 Acenaphthene (C15.5)

R.T.: 8.462 min
Delta R.T.: 0.003 min
Response: 6244795
Conc: 38.30 ug/ml



#8 Fluorene (C16.55)

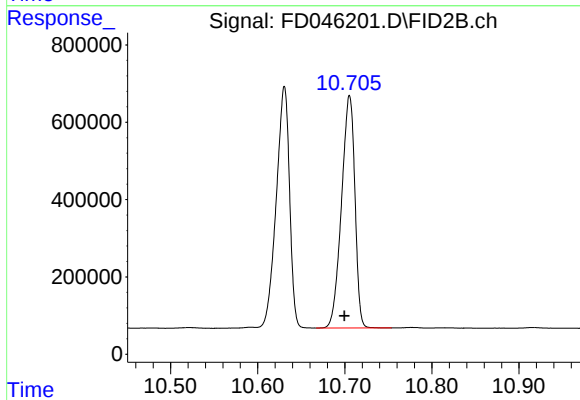
R.T.: 9.241 min
Delta R.T.: 0.004 min
Response: 6977312
Conc: 45.86 ug/ml



#9 Phenanthrene (C19.36)

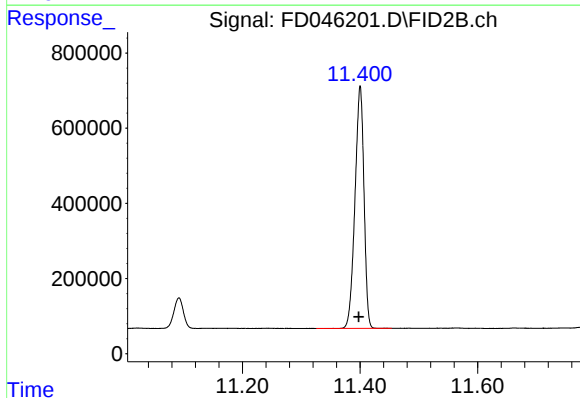
R.T.: 10.630 min
Delta R.T.: 0.005 min
Response: 6664412
Conc: 46.28 ug/ml

Instrument :
FID_D
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PB154375BS



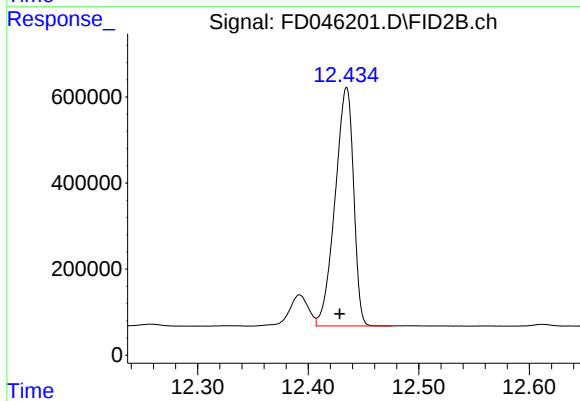
#10 Anthracene (C19.43)

R.T.: 10.705 min
Delta R.T.: 0.006 min
Response: 6426446
Conc: 49.11 ug/ml



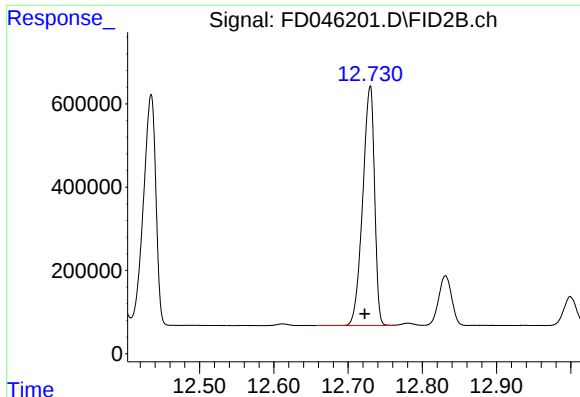
#11 ortho-Terphenyl (SURR)

R.T.: 11.400 min
Delta R.T.: 0.002 min
Response: 6837895
Conc: 39.15 ug/ml



#12 Fluoranthene (C21.85)

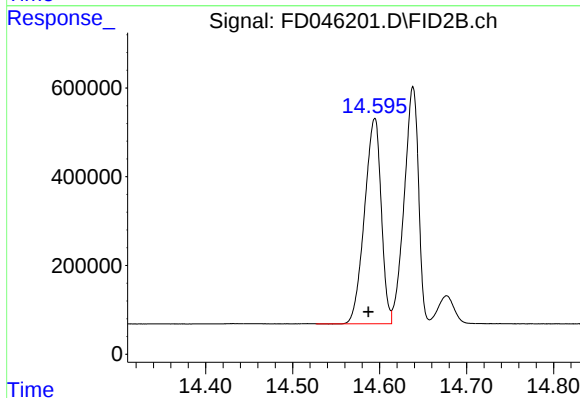
R.T.: 12.434 min
Delta R.T.: 0.006 min
Response: 6451316
Conc: 46.17 ug/ml



#13 Pyrene (C20.8)

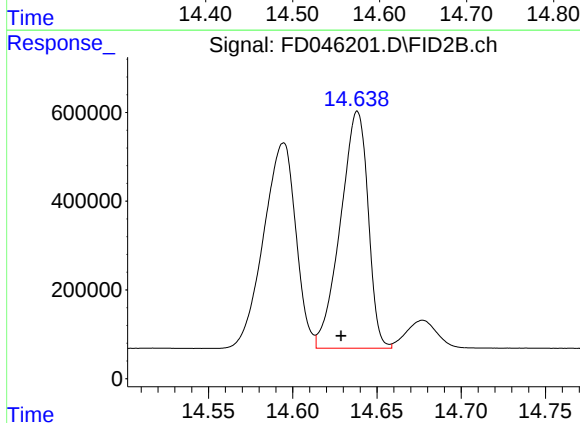
R.T.: 12.729 min
Delta R.T.: 0.007 min
Response: 6353603
Conc: 45.84 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154375BS



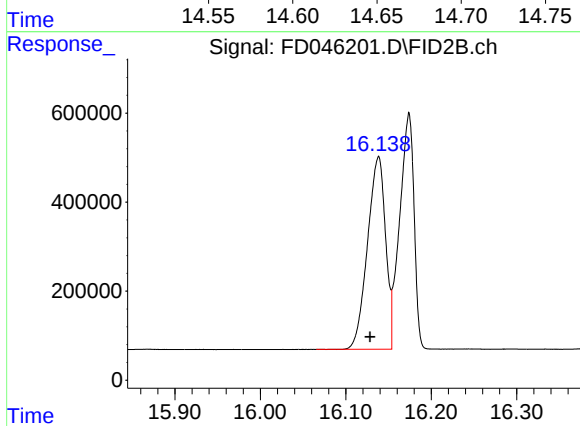
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.594 min
Delta R.T.: 0.007 min
Response: 6170882
Conc: 47.01 ug/ml



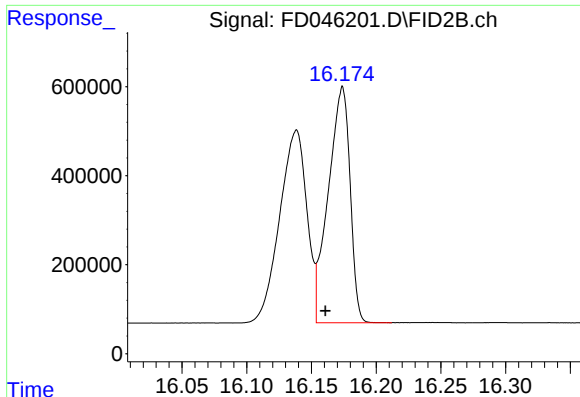
#15 Chrysene (C27.41)

R.T.: 14.638 min
Delta R.T.: 0.009 min
Response: 6096324
Conc: 43.24 ug/ml



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

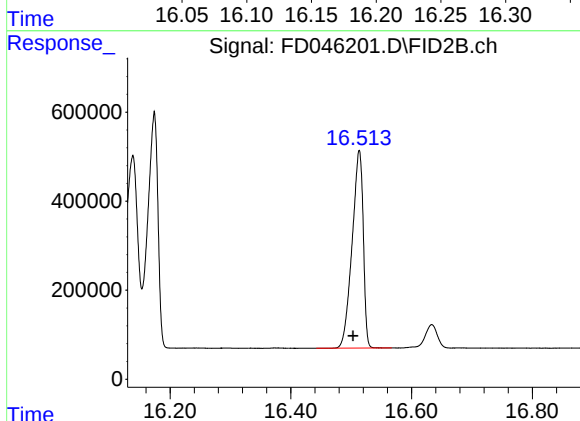
R.T.: 16.138 min
Delta R.T.: 0.009 min
Response: 6342965
Conc: 46.38 ug/ml



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

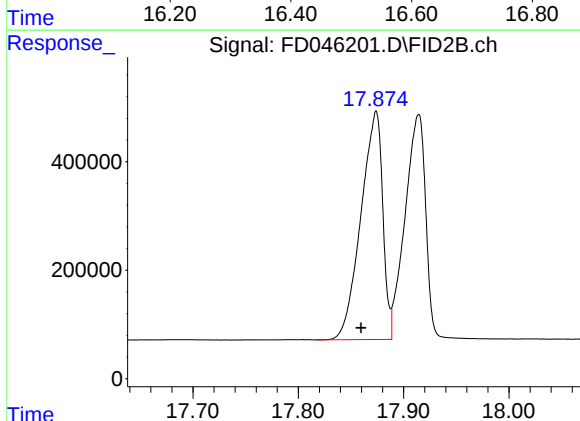
R.T.: 16.173 min
Delta R.T.: 0.013 min
Response: 6203600
Conc: 45.26 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154375BS



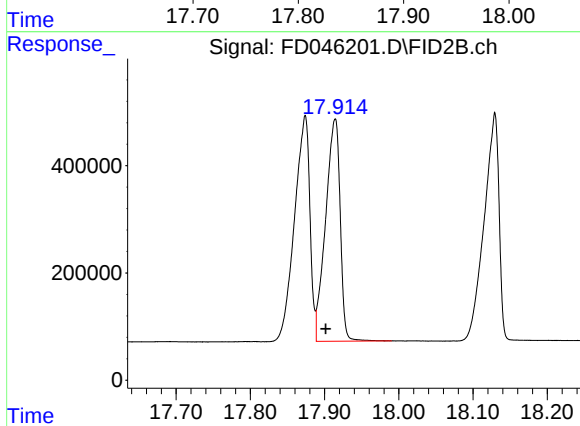
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: 0.010 min
Response: 5681669
Conc: 43.64 ug/ml



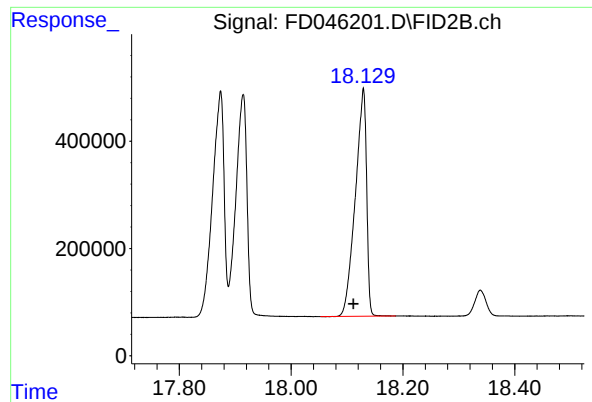
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.873 min
Delta R.T.: 0.014 min
Response: 6055136
Conc: 50.34 ug/ml



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

R.T.: 17.914 min
Delta R.T.: 0.012 min
Response: 5659294
Conc: 44.25 ug/ml



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

R.T.: 18.128 min
Delta R.T.: 0.017 min
Response: 5924973
Conc: 46.70 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154375BS