

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082323AR\
 Data File : FD046380.D
 Signal(s) : FID2B.ch
 Acq On : 23 Aug 2023 15:43
 Operator : YP/AJ
 Sample : PB155015BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155015BS

Integration File: autoint1.e
 Quant Time: Aug 24 01:07:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 22 12:26:56 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...	7.498	5830554	34.524 ug/ml
Spiked Amount 50.000		Recovery =	69.05%
6) S 2-Fluorobiphenyl (SURR)	8.351	3242102	29.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	58.26%
11) S ortho-Terphenyl (SURR)	11.389	6645246	33.882 ug/ml
Spiked Amount 50.000		Recovery =	67.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.311	4254344	24.211 ug/ml
2) T Naphthalene (C11.7)	5.837	4961569	26.920 ug/ml
3) T 2-Methylnaphthalene (...)	6.886	5318541	28.645 ug/ml
5) T Acenaphthylene (C15.06)	8.156	6035298	35.465 ug/ml
7) T Acenaphthene (C15.5)	8.451	5852014	32.482 ug/ml
8) T Fluorene (C16.55)	9.230	6326232	36.172 ug/ml
9) T Phenanthrene (C19.36)	10.619	6597299	38.451 ug/ml
10) T Anthracene (C19.43)	10.695	6507337	38.574 ug/ml
12) T Fluoranthene (C21.85)	12.424	6852197	41.187 ug/ml
13) T Pyrene (C20.8)	12.719	6914595	42.902 ug/ml
14) T Benzo[a]anthracene (C...	14.582	6452779	45.866 ug/ml
15) T Chrysene (C27.41)	14.626	6354533	42.839 ug/ml
16) T benzo[b]fluoranthene ...	16.125	6266879	46.120 ug/ml
17) T Bnezo[k]fluoranthene ...	16.161	6107008	45.016 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.500	5811560	44.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.859	5668630	45.445 ug/ml
20) T Dibenz[a,h]anthracene...	17.899	5311851	42.391 ug/ml
21) T Benzo[g,h,i]perylene ...	18.113	5324506	41.519 ug/ml

(f)=RT Delta > 1/2 Window

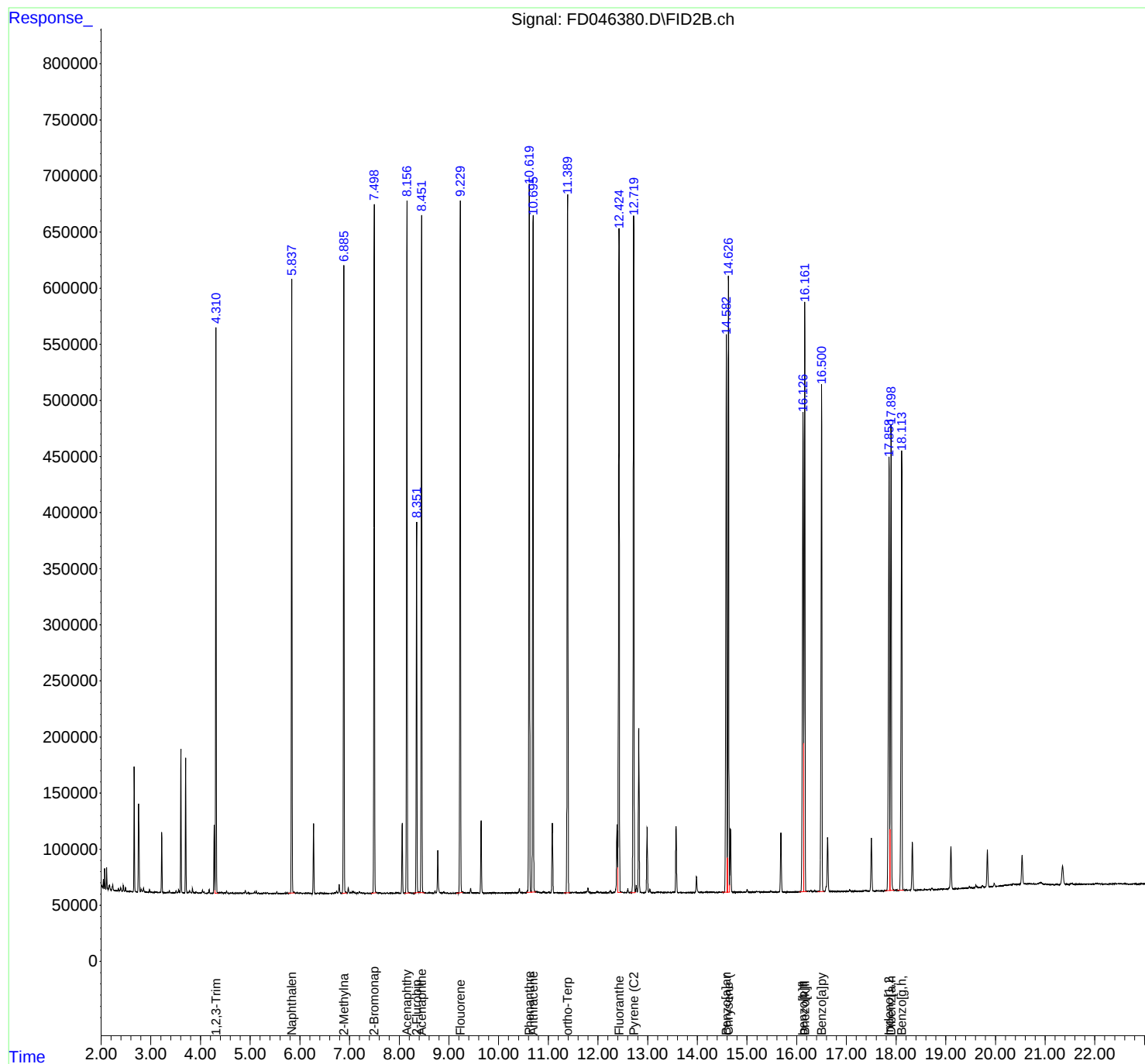
(m)=manual int.

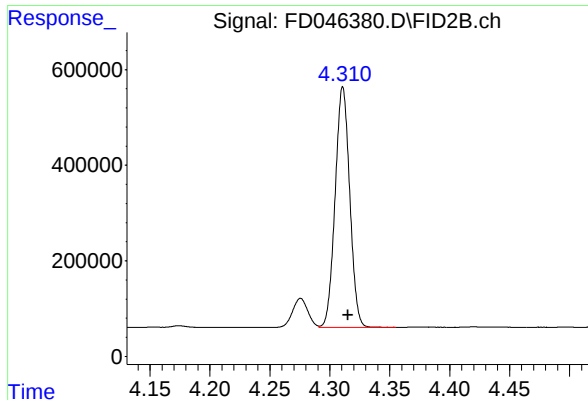
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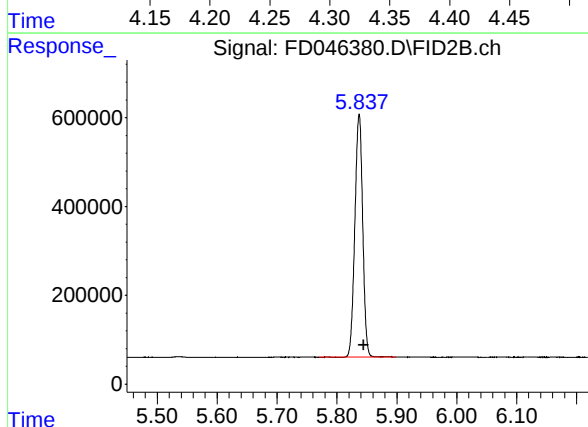




#1 1,2,3-Trimethylbenzene (C10.1)

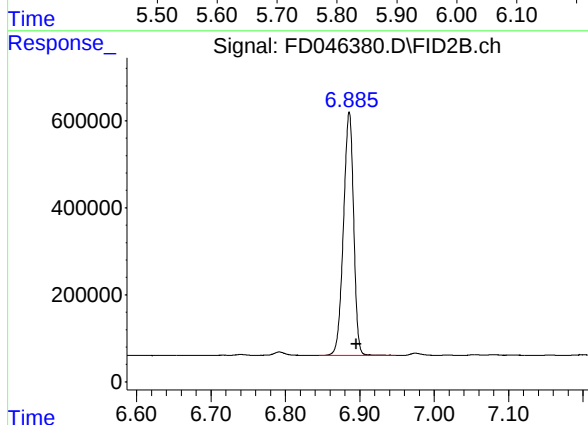
R.T.: 4.311 min
Delta R.T.: -0.004 min
Response: 4254344
Conc: 24.21 ug/ml

Instrument :
FID_D
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PB155015BS



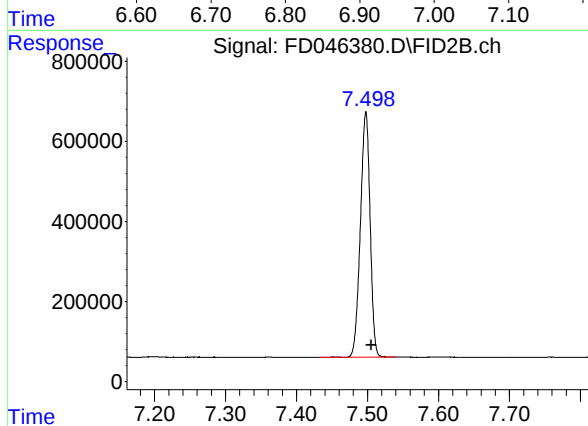
#2 Naphthalene (C11.7)

R.T.: 5.837 min
Delta R.T.: -0.008 min
Response: 4961569
Conc: 26.92 ug/ml



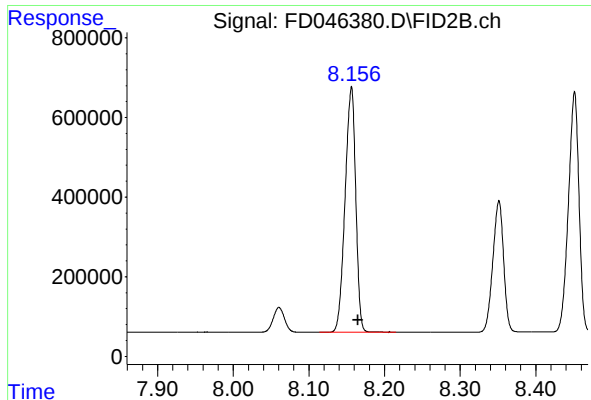
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 5318541
Conc: 28.64 ug/ml



#4 2-Bromonaphthalene (SURR)

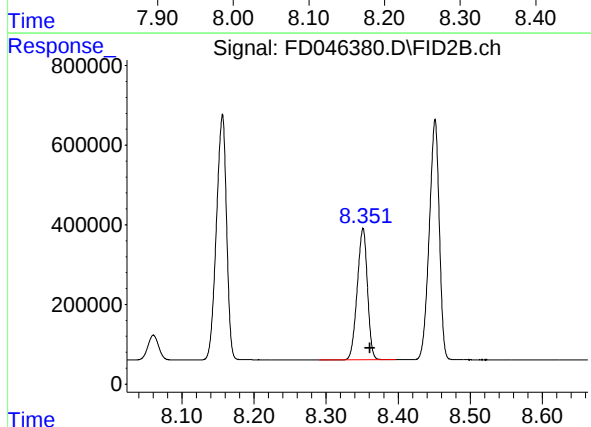
R.T.: 7.498 min
Delta R.T.: -0.008 min
Response: 5830554
Conc: 34.52 ug/ml



#5 Acenaphthylene (C15.06)

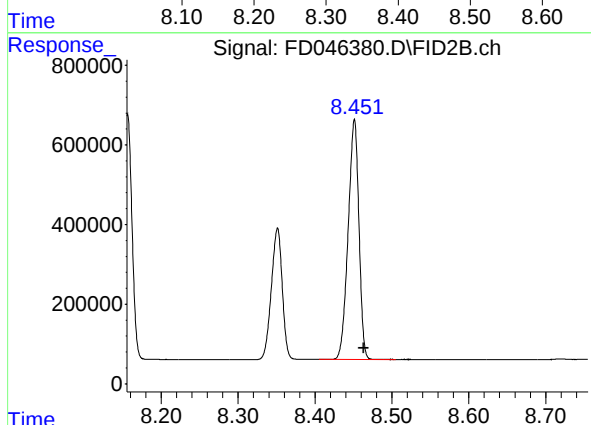
R.T.: 8.156 min
Delta R.T.: -0.009 min
Response: 6035298
Conc: 35.46 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155015BS



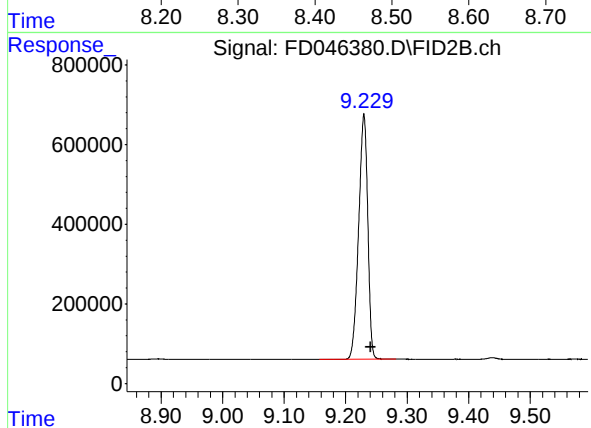
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.351 min
Delta R.T.: -0.010 min
Response: 3242102
Conc: 29.13 ug/ml



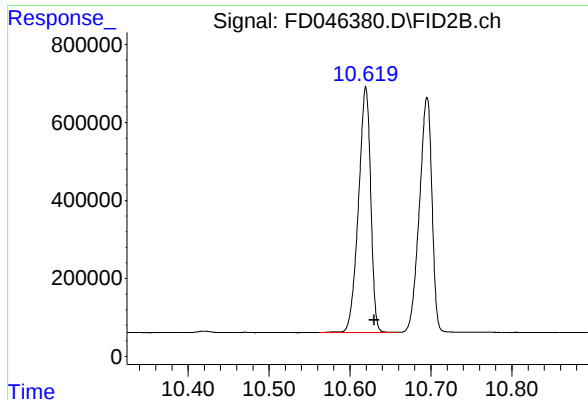
#7 Acenaphthene (C15.5)

R.T.: 8.451 min
Delta R.T.: -0.012 min
Response: 5852014
Conc: 32.48 ug/ml



#8 Flouorene (C16.55)

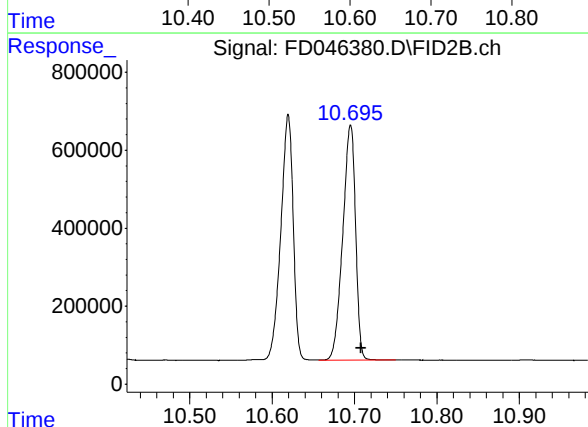
R.T.: 9.230 min
Delta R.T.: -0.011 min
Response: 6326232
Conc: 36.17 ug/ml



#9 Phenanthrene (C19.36)

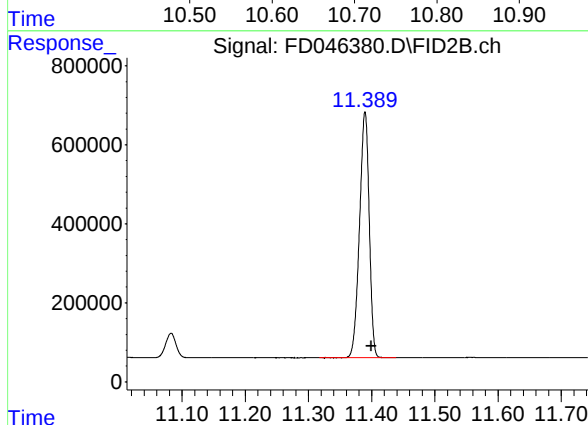
R.T.: 10.619 min
Delta R.T.: -0.011 min
Response: 6597299
Conc: 38.45 ug/ml

Instrument :
FID_D
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PB155015BS



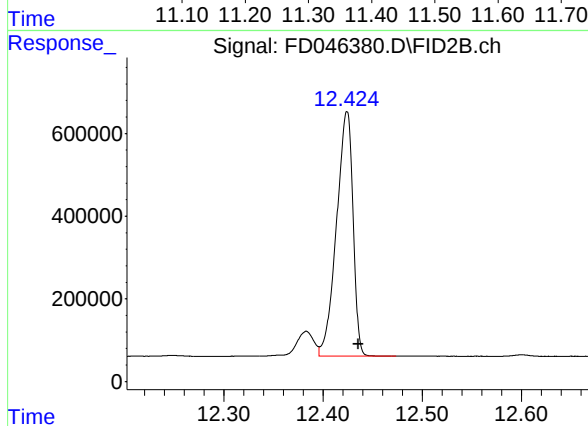
#10 Anthracene (C19.43)

R.T.: 10.695 min
Delta R.T.: -0.013 min
Response: 6507337
Conc: 38.57 ug/ml



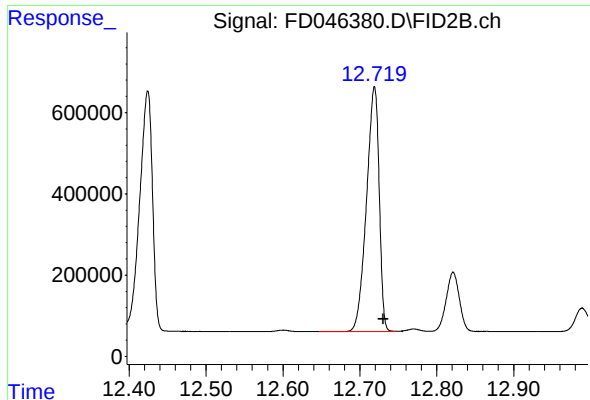
#11 ortho-Terphenyl (SURR)

R.T.: 11.389 min
Delta R.T.: -0.010 min
Response: 6645246
Conc: 33.88 ug/ml



#12 Fluoranthene (C21.85)

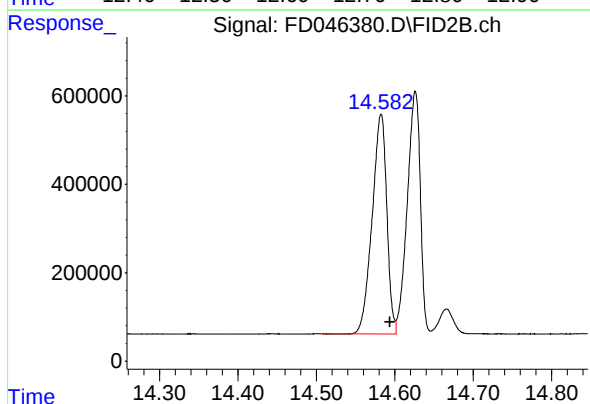
R.T.: 12.424 min
Delta R.T.: -0.012 min
Response: 6852197
Conc: 41.19 ug/ml



#13 Pyrene (C20.8)

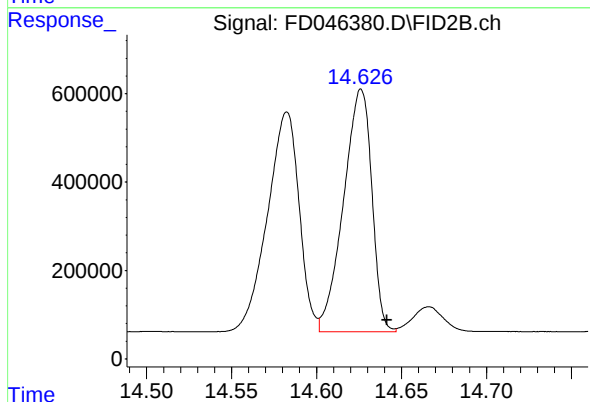
R.T.: 12.719 min
Delta R.T.: -0.012 min
Response: 6914595
Conc: 42.90 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155015BS



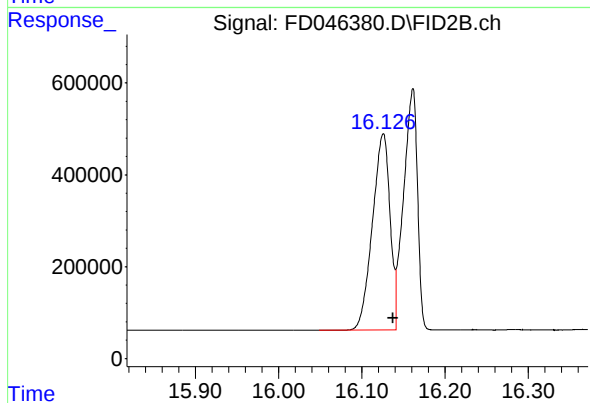
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.012 min
Response: 6452779
Conc: 45.87 ug/ml



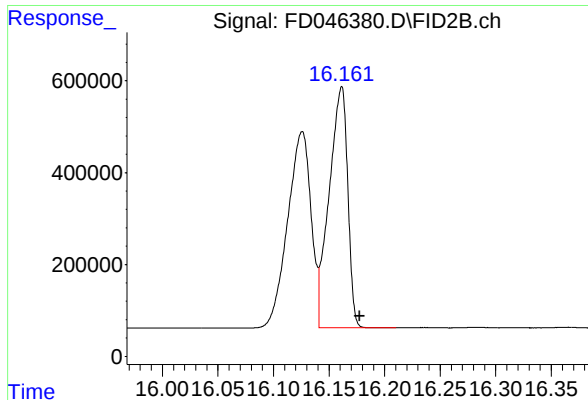
#15 Chrysene (C27.41)

R.T.: 14.626 min
Delta R.T.: -0.015 min
Response: 6354533
Conc: 42.84 ug/ml



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

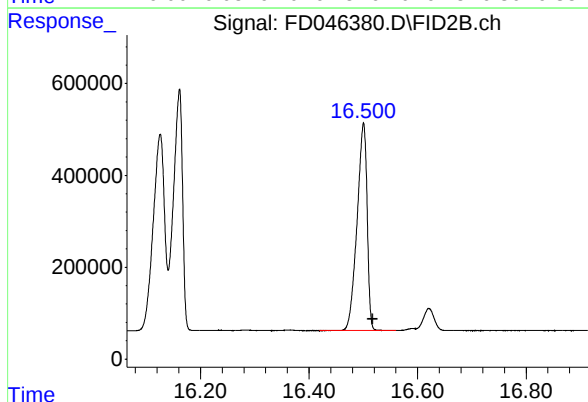
R.T.: 16.125 min
Delta R.T.: -0.012 min
Response: 6266879
Conc: 46.12 ug/ml



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

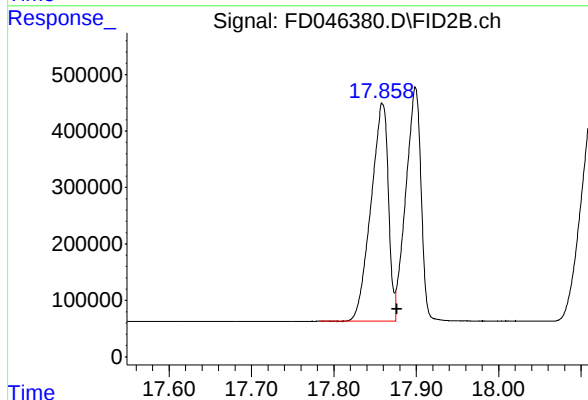
R.T.: 16.161 min
Delta R.T.: -0.017 min
Response: 6107008
Conc: 45.02 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155015BS



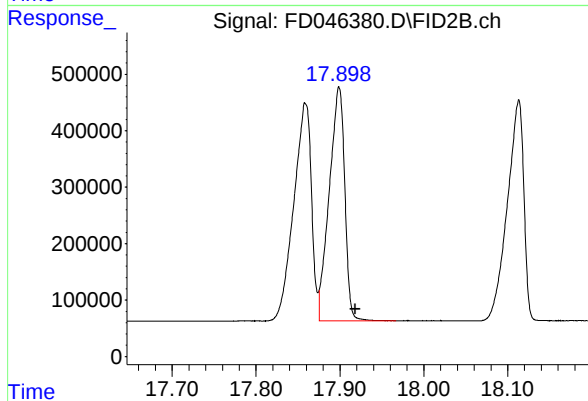
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.500 min
Delta R.T.: -0.017 min
Response: 5811560
Conc: 44.11 ug/ml



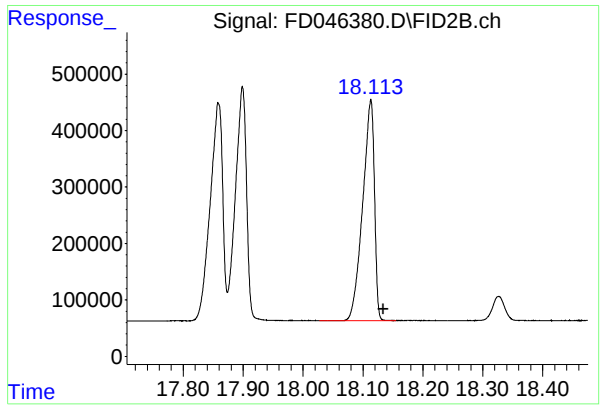
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.859 min
Delta R.T.: -0.018 min
Response: 5668630
Conc: 45.45 ug/ml



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

R.T.: 17.899 min
Delta R.T.: -0.020 min
Response: 5311851
Conc: 42.39 ug/ml



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

R.T.: 18.113 min
Delta R.T.: -0.022 min
Response: 5324506
Conc: 41.52 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155015BS