

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090523AR\
 Data File : FD046435.D
 Signal(s) : FID2B.ch
 Acq On : 05 Sep 2023 21:35
 Operator : YP/AJ
 Sample : PB155321BSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB155321BSD

Integration File: autoint1.e
 Quant Time: Sep 06 00:12:57 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...	7.496	7887003	46.700 ug/ml
Spiked Amount 50.000		Recovery =	93.40%
6) S 2-Fluorobiphenyl (SURR)	8.350	4992474	44.860 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.72%
11) S ortho-Terphenyl (SURR)	11.389	9637616	49.139 ug/ml
Spiked Amount 50.000		Recovery =	98.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	6612786	37.632 ug/ml
2) T Naphthalene (C11.7)	5.834	7771490	42.166 ug/ml
3) T 2-Methylnaphthalene (...)	6.884	8233502	44.344 ug/ml
5) T Acenaphthylene (C15.06)	8.155	8887116	52.222 ug/ml
7) T Acenaphthene (C15.5)	8.451	8831598	49.021 ug/ml
8) T Fluorene (C16.55)	9.230	9230652	52.779 ug/ml
9) T Phenanthrene (C19.36)	10.619	9485275	55.283 ug/ml
10) T Anthracene (C19.43)	10.695	9387194	55.646 ug/ml
12) T Fluoranthene (C21.85)	12.424	9658897	58.057 ug/ml
13) T Pyrene (C20.8)	12.719	9713058	60.265 ug/ml
14) T Benzo[a]anthracene (C...	14.583	8948722	63.607 ug/ml
15) T Chrysene (C27.41)	14.628	8934365	60.231 ug/ml
16) T benzo[b]fluoranthene ...	16.126	8499389	62.550 ug/ml
17) T Bnezo[k]fluoranthene ...	16.163	8421513	62.076 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.503	7909368	60.028 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.863	7905860	63.381 ug/ml
20) T Dibenz[a,h]anthracene...	17.902	7469044	59.606 ug/ml
21) T Benzo[g,h,i]perylene ...	18.116	7519177	58.633 ug/ml

(f)=RT Delta > 1/2 Window

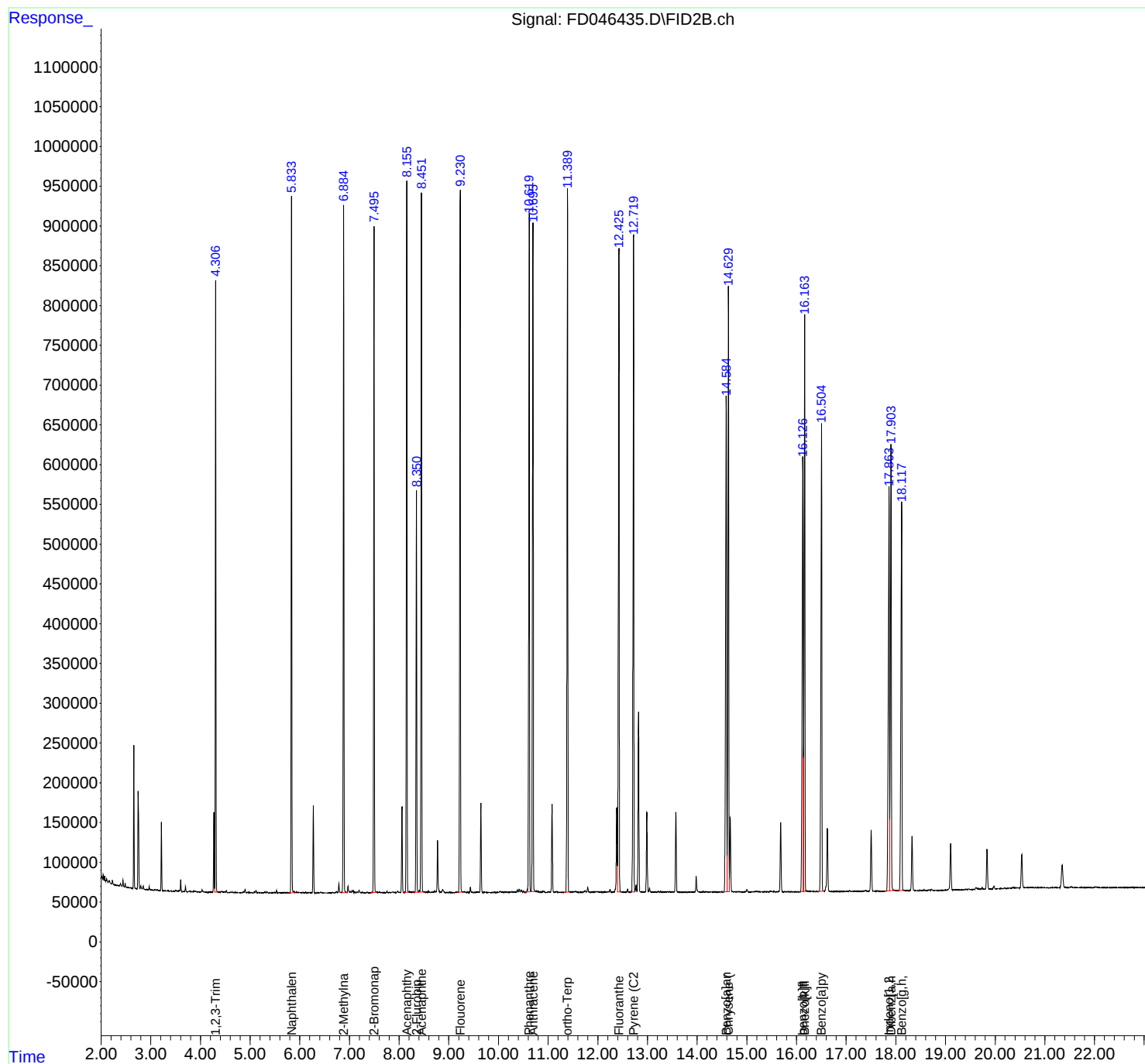
(m)=manual int.

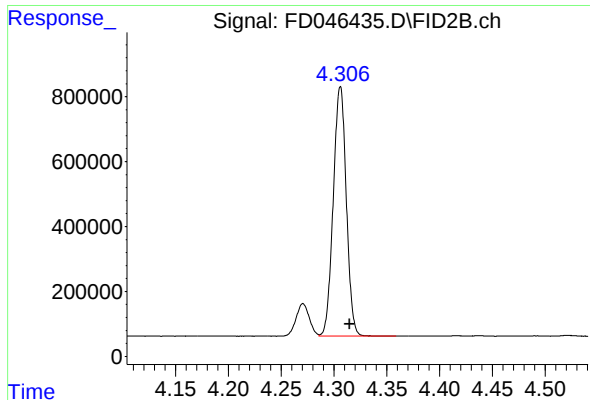
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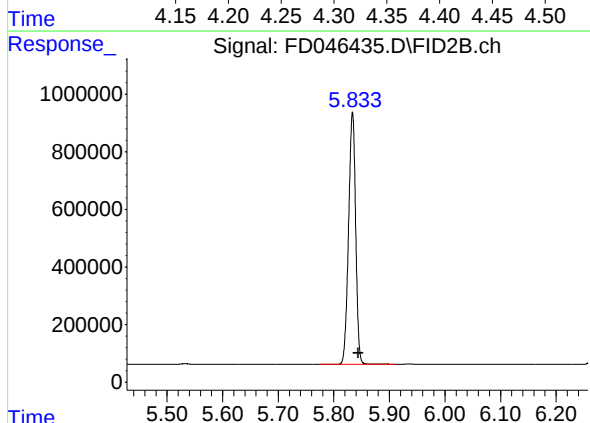




#1 1,2,3-Trimethylbenzene (C10.1)

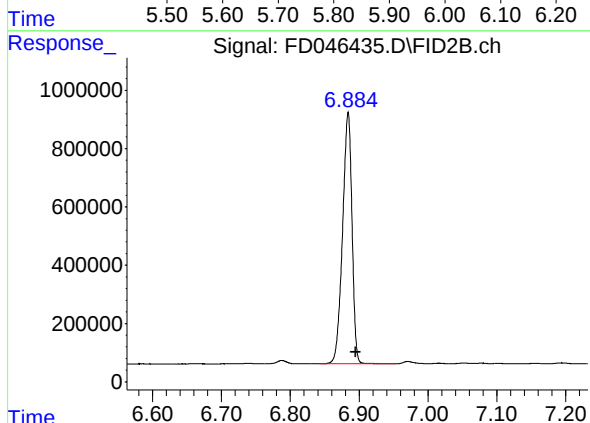
R.T.: 4.306 min
Delta R.T.: -0.009 min
Response: 6612786
Conc: 37.63 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155321BSD



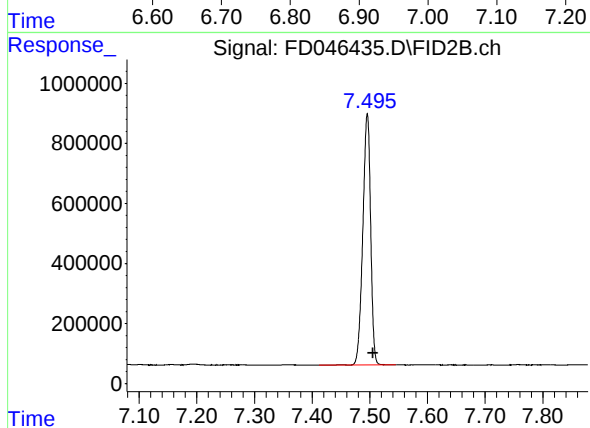
#2 Naphthalene (C11.7)

R.T.: 5.834 min
Delta R.T.: -0.011 min
Response: 7771490
Conc: 42.17 ug/ml



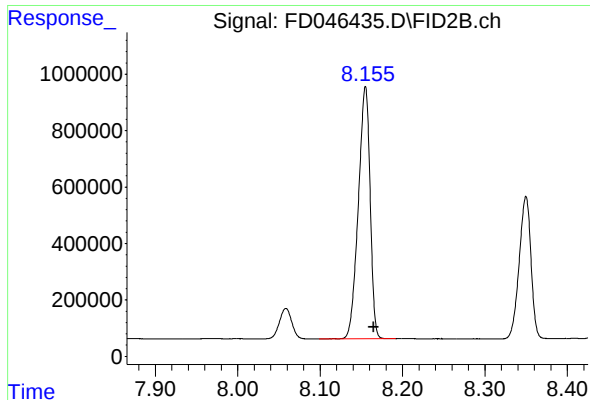
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.884 min
Delta R.T.: -0.011 min
Response: 8233502
Conc: 44.34 ug/ml



#4 2-Bromonaphthalene (SURR)

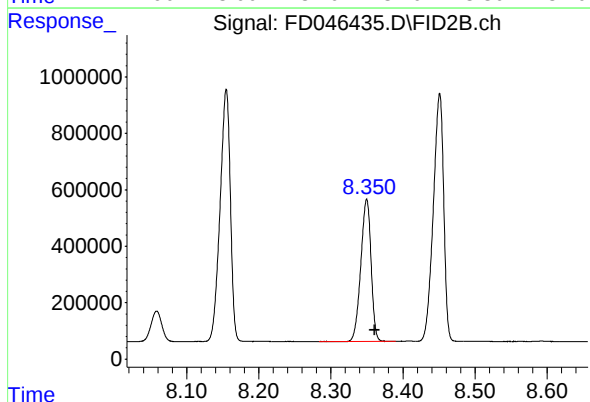
R.T.: 7.496 min
Delta R.T.: -0.010 min
Response: 7887003
Conc: 46.70 ug/ml



#5 Acenaphthylene (C15.06)

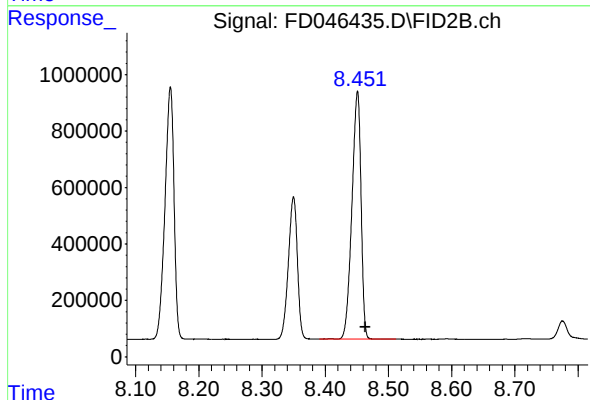
R.T.: 8.155 min
Delta R.T.: -0.010 min
Response: 8887116
Conc: 52.22 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155321BSD



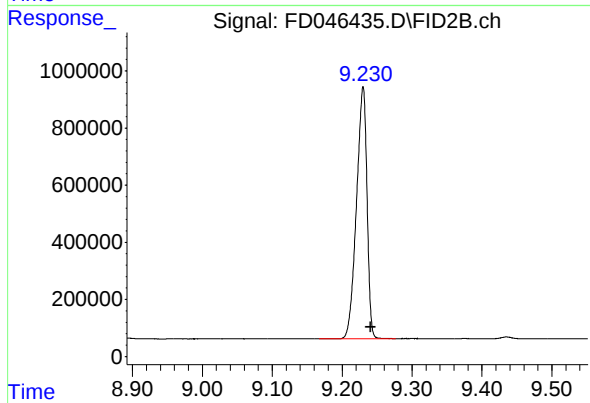
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.350 min
Delta R.T.: -0.011 min
Response: 4992474
Conc: 44.86 ug/ml



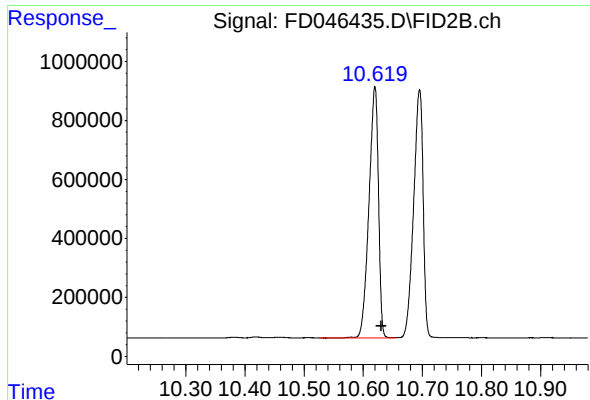
#7 Acenaphthene (C15.5)

R.T.: 8.451 min
Delta R.T.: -0.013 min
Response: 8831598
Conc: 49.02 ug/ml



#8 Flouorene (C16.55)

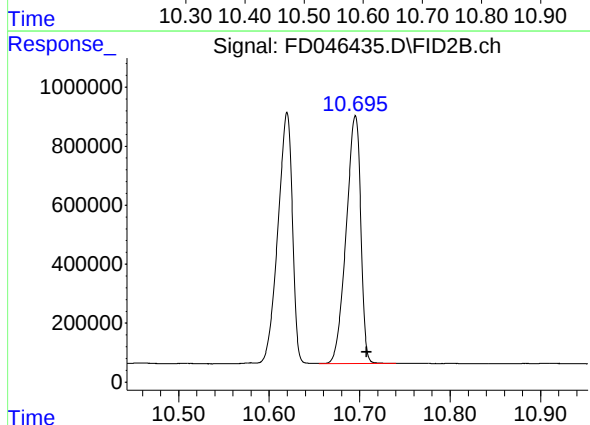
R.T.: 9.230 min
Delta R.T.: -0.011 min
Response: 9230652
Conc: 52.78 ug/ml



#9 Phenanthrene (C19.36)

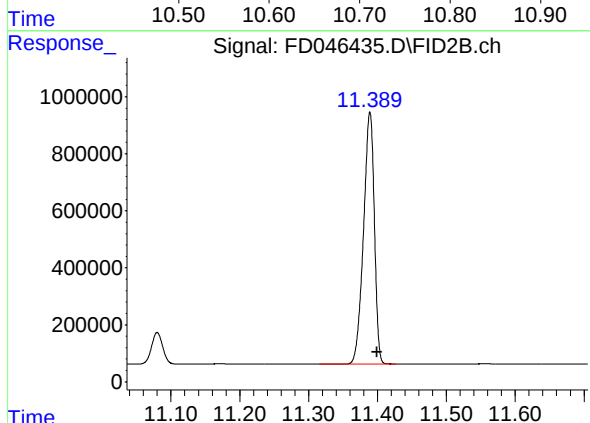
R.T.: 10.619 min
Delta R.T.: -0.011 min
Response: 9485275
Conc: 55.28 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155321BSD



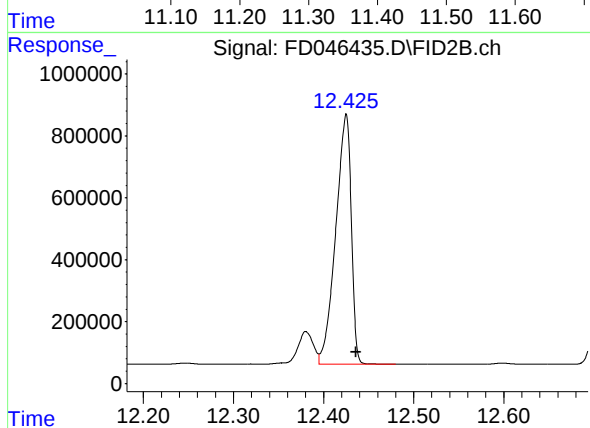
#10 Anthracene (C19.43)

R.T.: 10.695 min
Delta R.T.: -0.013 min
Response: 9387194
Conc: 55.65 ug/ml



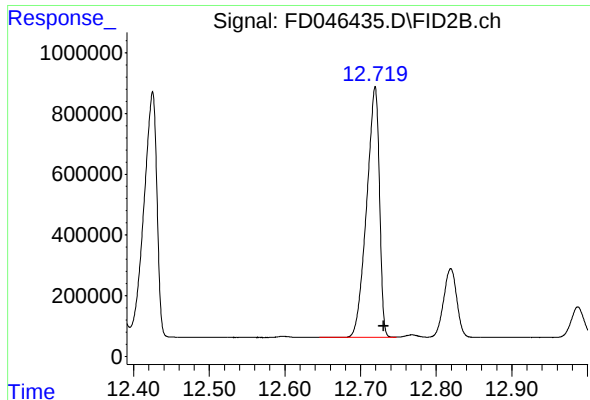
#11 ortho-Terphenyl (SURRE)

R.T.: 11.389 min
Delta R.T.: -0.010 min
Response: 9637616
Conc: 49.14 ug/ml



#12 Fluoranthene (C21.85)

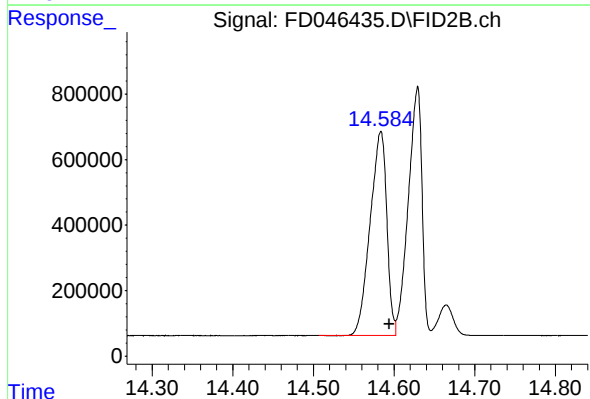
R.T.: 12.424 min
Delta R.T.: -0.011 min
Response: 9658897
Conc: 58.06 ug/ml



#13 Pyrene (C20.8)

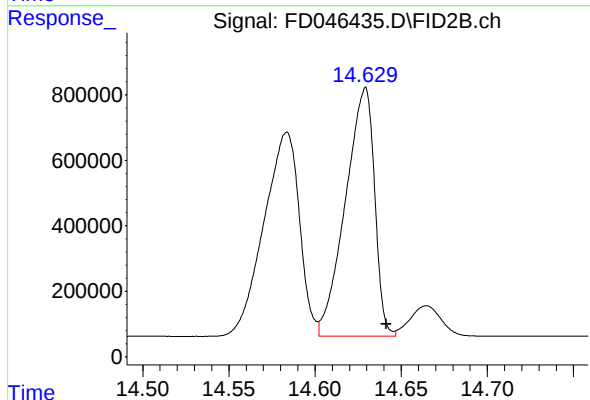
R.T.: 12.719 min
Delta R.T.: -0.012 min
Response: 9713058
Conc: 60.26 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155321BSD



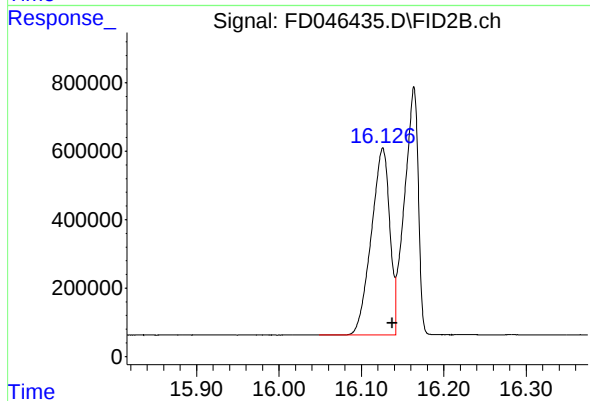
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.583 min
Delta R.T.: -0.011 min
Response: 8948722
Conc: 63.61 ug/ml



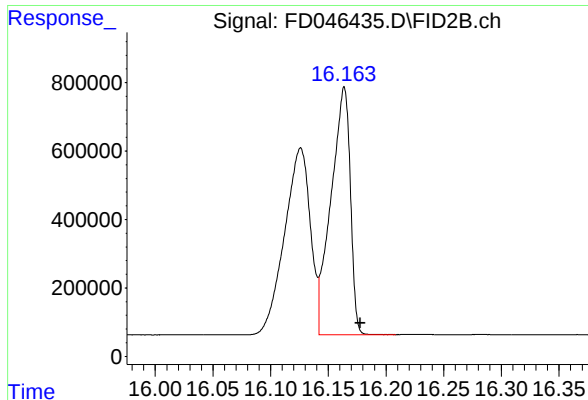
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: -0.013 min
Response: 8934365
Conc: 60.23 ug/ml



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

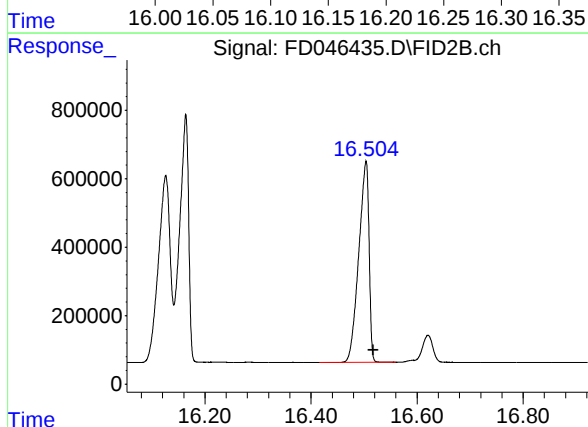
R.T.: 16.126 min
Delta R.T.: -0.012 min
Response: 8499389
Conc: 62.55 ug/ml



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

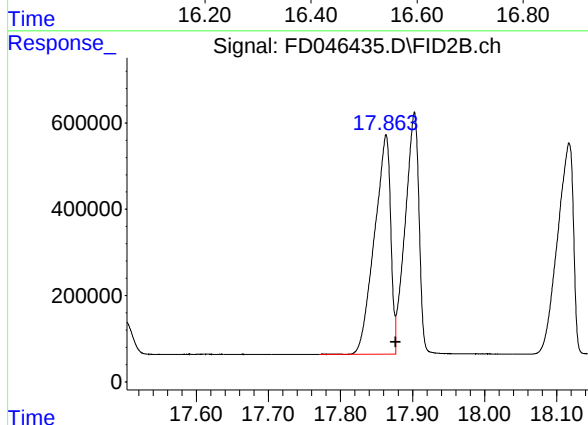
R.T.: 16.163 min
Delta R.T.: -0.014 min
Response: 8421513
Conc: 62.08 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155321BSD



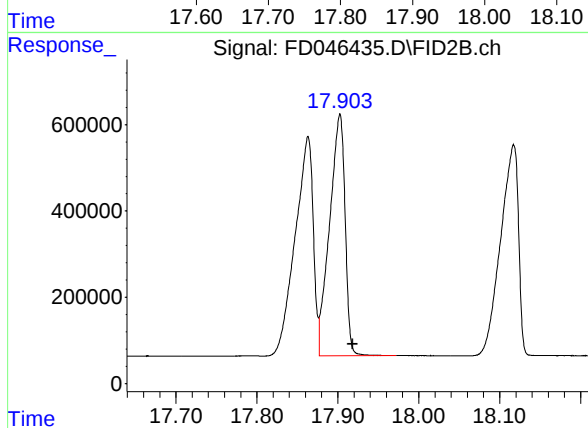
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.503 min
Delta R.T.: -0.014 min
Response: 7909368
Conc: 60.03 ug/ml



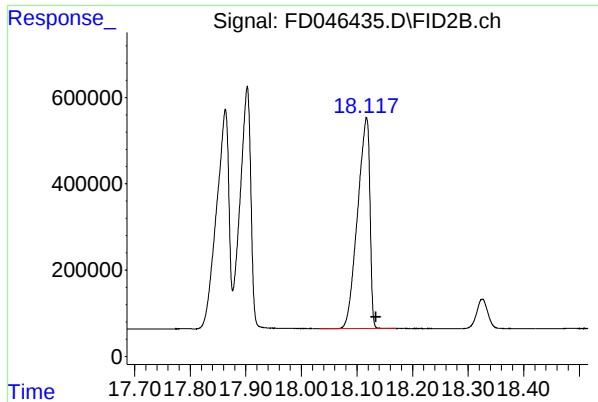
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.863 min
Delta R.T.: -0.014 min
Response: 7905860
Conc: 63.38 ug/ml



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

R.T.: 17.902 min
Delta R.T.: -0.016 min
Response: 7469044
Conc: 59.61 ug/ml



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

R.T.: 18.116 min
Delta R.T.: -0.018 min
Response: 7519177
Conc: 58.63 ug/ml

Instrument :
FID_D
ClientSampleId :
PB155321BSD