

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100223AR\
 Data File : FD046614.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2023 23:17
 Operator : YP/AJ
 Sample : PB156016BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB156016BS

Integration File: autoint1.e
 Quant Time: Oct 03 00:39:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.491	8669820	49.197 ug/ml
Spiked Amount 50.000		Recovery =	98.39%
6) S 2-Fluorobiphenyl (SURR)	8.345	5589803	48.247 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.49%
11) S ortho-Terphenyl (SURR)	11.384	9833360	48.267 ug/ml
Spiked Amount 50.000		Recovery =	96.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	5695950	30.839 ug/ml
2) T Naphthalene (C11.7)	5.830	6790866	35.143 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	7117120	36.727 ug/ml
5) T Acenaphthylene (C15.06)	8.149	7640194	43.330 ug/ml
7) T Acenaphthene (C15.5)	8.444	7527801	40.064 ug/ml
8) T Fluorene (C16.55)	9.222	7808330	43.286 ug/ml
9) T Phenanthrene (C19.36)	10.612	7925337	45.075 ug/ml
10) T Anthracene (C19.43)	10.687	7824376	50.942 ug/ml
12) T Fluoranthene (C21.85)	12.416	8060236	47.291 ug/ml
13) T Pyrene (C20.8)	12.710	8106862	49.417 ug/ml
14) T Benzo[a]anthracene (C...	14.575	7396270	52.969 ug/ml
15) T Chrysene (C27.41)	14.618	7460708	49.147 ug/ml
16) T benzo[b]fluoranthene ...	16.115	7080007	51.616 ug/ml
17) T Bnezo[k]fluoranthene ...	16.152	7045990	50.865 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.492	6663184	49.807 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.850	6571462	52.425 ug/ml
20) T Dibenz[a,h]anthracene...	17.890	6209978	46.667 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	6292283	47.715 ug/ml

(f)=RT Delta > 1/2 Window

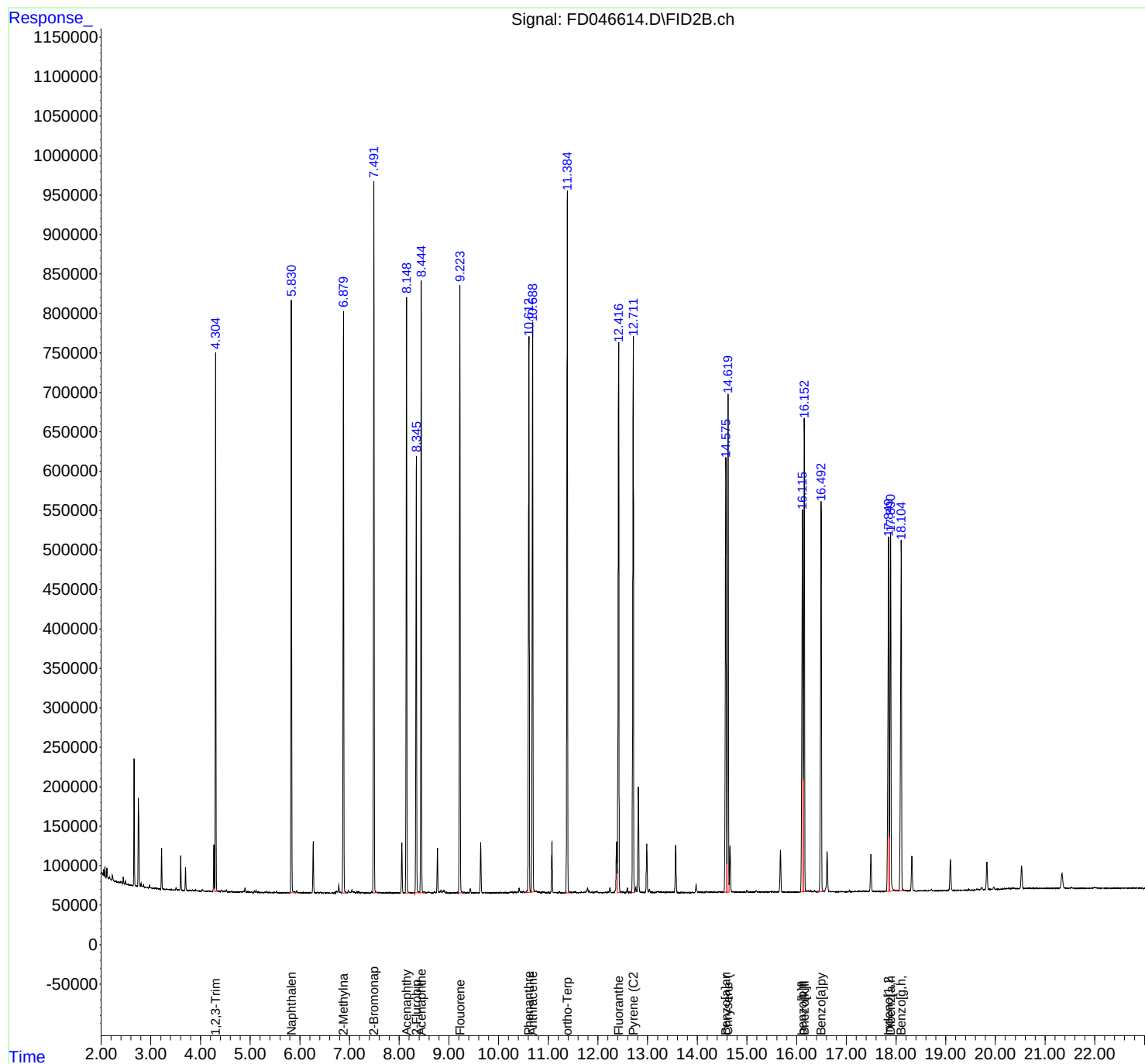
(m)=manual int.

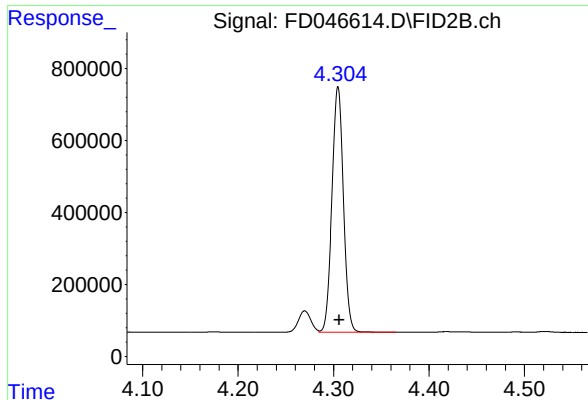
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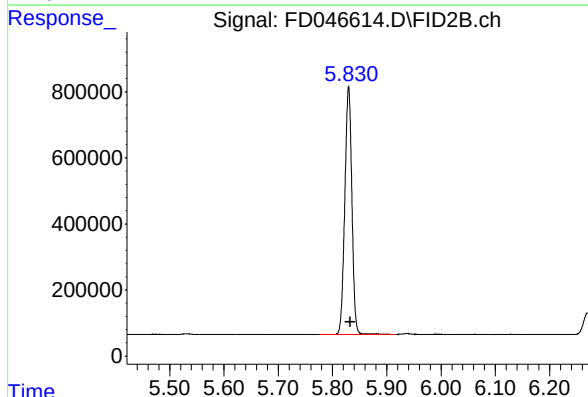




#1 1,2,3-Trimethylbenzene (C10.1)

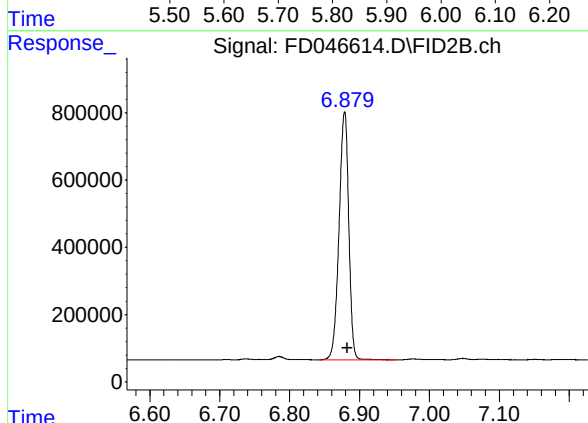
R.T.: 4.305 min
Delta R.T.: -0.001 min
Response: 5695950
Conc: 30.84 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156016BS



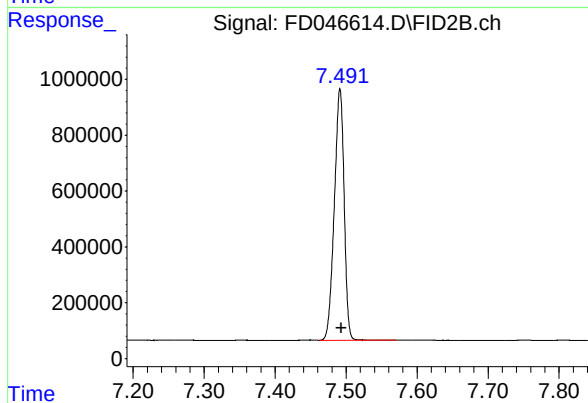
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 6790866
Conc: 35.14 ug/ml



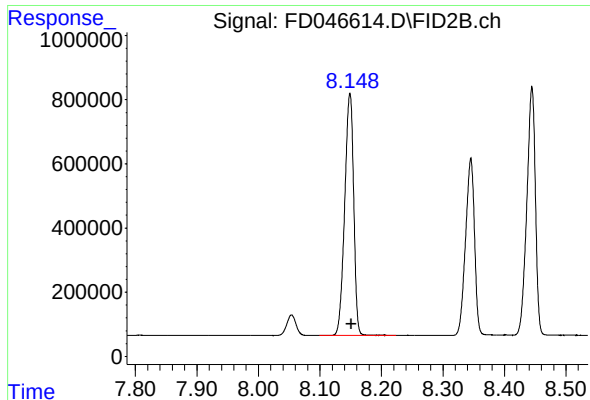
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.004 min
Response: 7117120
Conc: 36.73 ug/ml



#4 2-Bromonaphthalene (SURR)

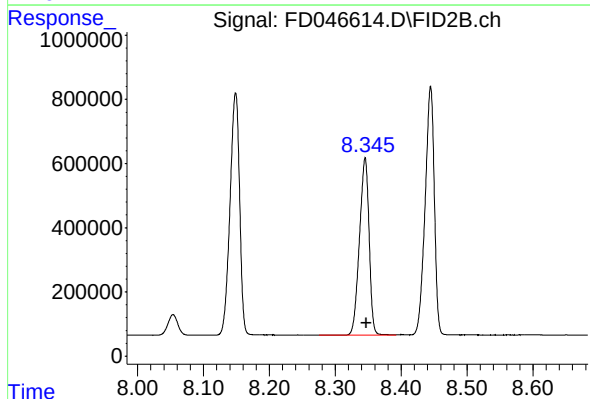
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 8669820
Conc: 49.20 ug/ml



#5 Acenaphthylene (C15.06)

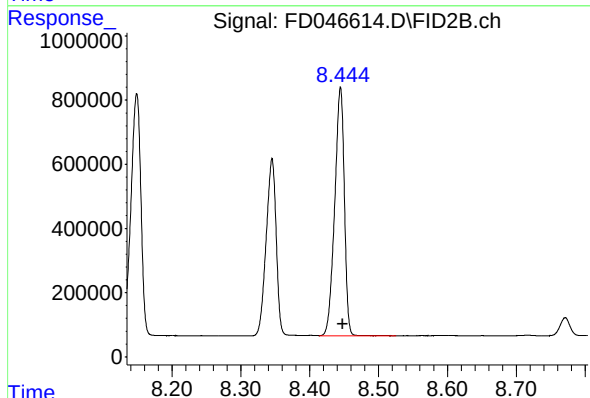
R.T.: 8.149 min
Delta R.T.: -0.003 min
Response: 7640194
Conc: 43.33 ug/ml

Instrument :
FID_D
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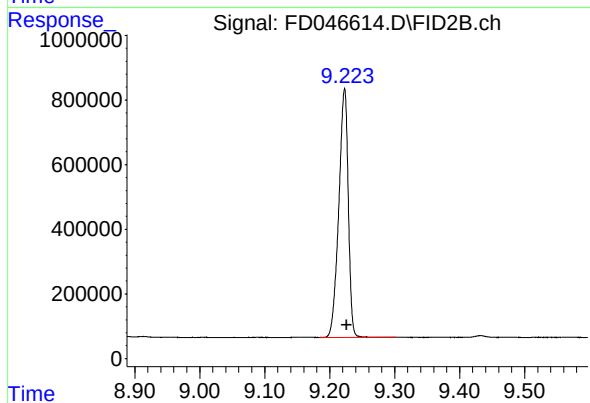
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 5589803
Conc: 48.25 ug/ml



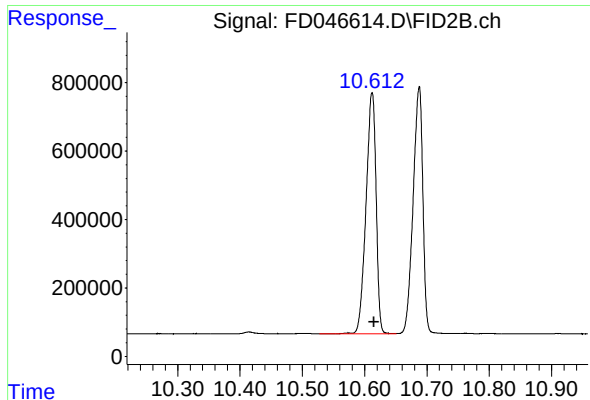
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: -0.004 min
Response: 7527801
Conc: 40.06 ug/ml



#8 Flouorene (C16.55)

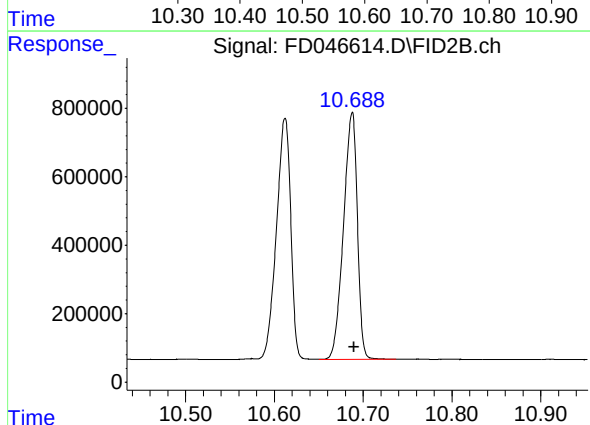
R.T.: 9.222 min
Delta R.T.: -0.004 min
Response: 7808330
Conc: 43.29 ug/ml



#9 Phenanthrene (C19.36)

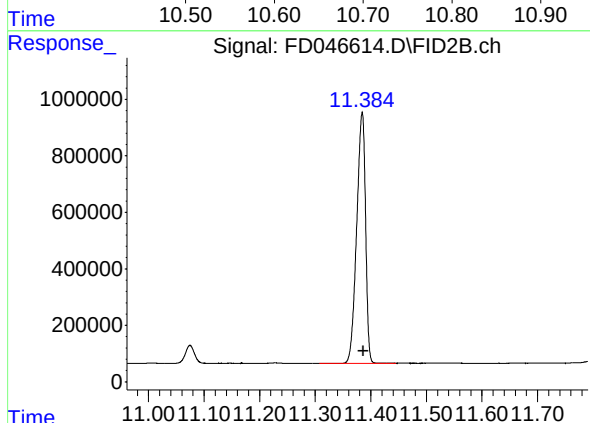
R.T.: 10.612 min
Delta R.T.: -0.004 min
Response: 7925337
Conc: 45.08 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156016BS



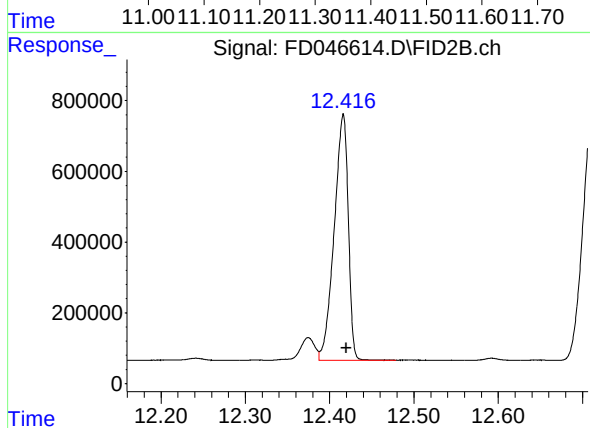
#10 Anthracene (C19.43)

R.T.: 10.687 min
Delta R.T.: -0.003 min
Response: 7824376
Conc: 50.94 ug/ml



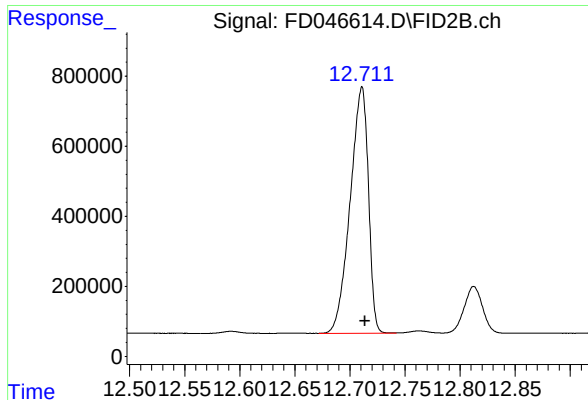
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: -0.002 min
Response: 9833360
Conc: 48.27 ug/ml



#12 Fluoranthene (C21.85)

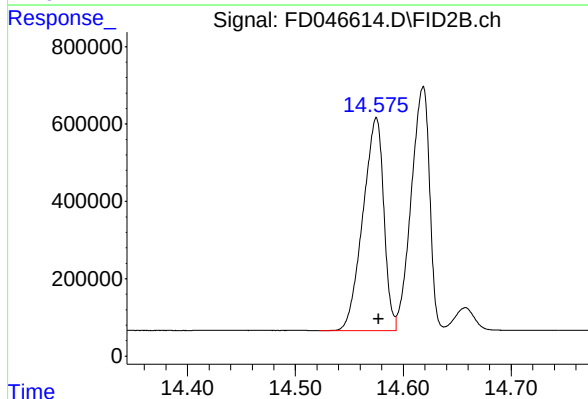
R.T.: 12.416 min
Delta R.T.: -0.004 min
Response: 8060236
Conc: 47.29 ug/ml



#13 Pyrene (C20.8)

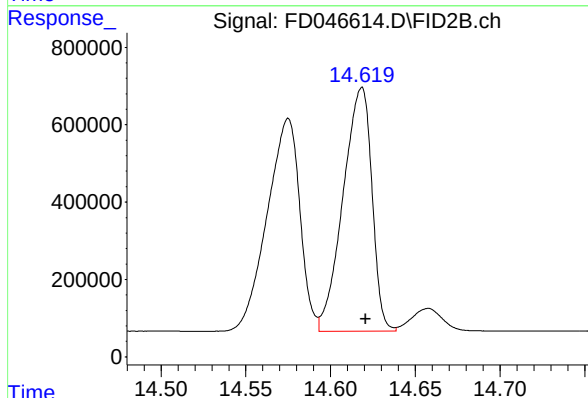
R.T.: 12.710 min
Delta R.T.: -0.003 min
Response: 8106862
Conc: 49.42 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156016BS



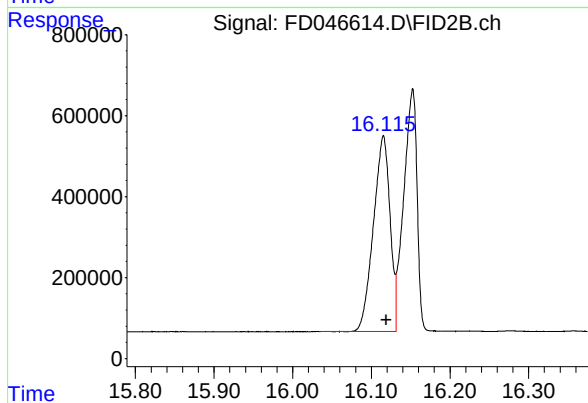
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.575 min
Delta R.T.: -0.002 min
Response: 7396270
Conc: 52.97 ug/ml



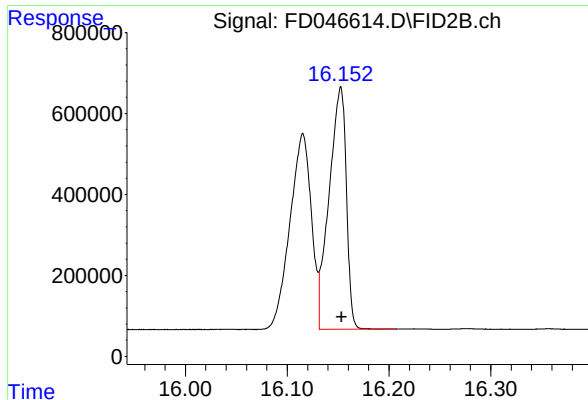
#15 Chrysene (C27.41)

R.T.: 14.618 min
Delta R.T.: -0.003 min
Response: 7460708
Conc: 49.15 ug/ml



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

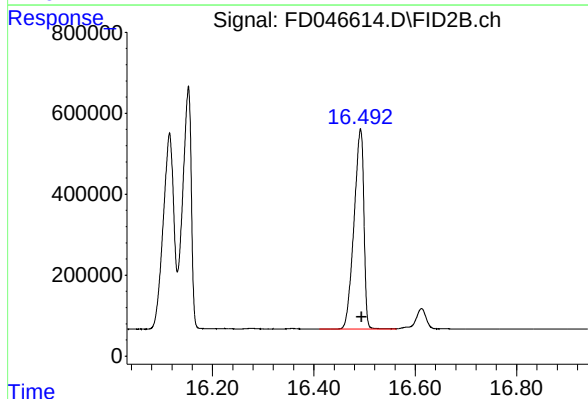
R.T.: 16.115 min
Delta R.T.: -0.004 min
Response: 7080007
Conc: 51.62 ug/ml



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

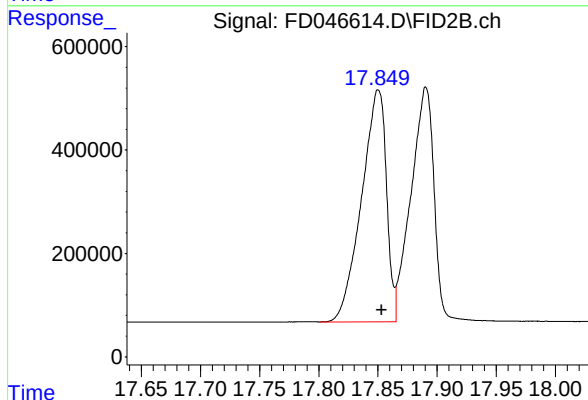
R.T.: 16.152 min
Delta R.T.: -0.002 min
Response: 7045990
Conc: 50.86 ug/ml

Instrument :
FID_D
ClientSampleId :
PB156016BS



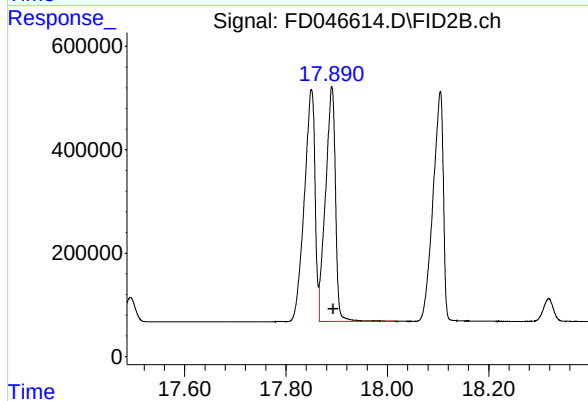
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.492 min
Delta R.T.: -0.003 min
Response: 6663184
Conc: 49.81 ug/ml



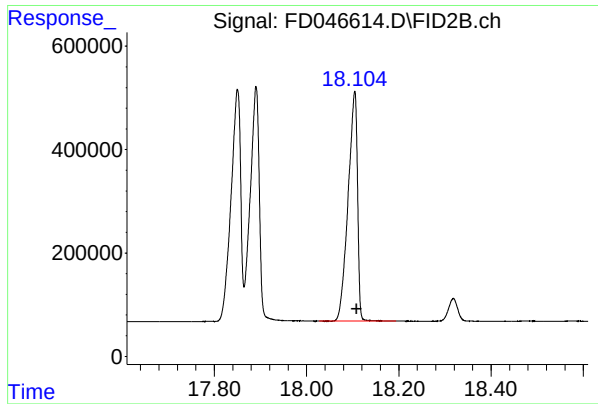
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.850 min
Delta R.T.: -0.003 min
Response: 6571462
Conc: 52.43 ug/ml



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

R.T.: 17.890 min
Delta R.T.: -0.004 min
Response: 6209978
Conc: 46.67 ug/ml



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

R.T.: 18.104 min

Delta R.T.: -0.005 min

Response: 6292283

Conc: 47.71 ug/ml

Instrument :

FID_D

ClientSampleId :

PB156016BS