

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072823AR\
 Data File : FD046226.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jul 2023 11:27
 Operator : YP/AJ
 Sample : PB154470BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154470BS

Integration File: autoint1.e
 Quant Time: Jul 29 02:50:38 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...	7.506	7333840	49.063 ug/ml
Spiked Amount 50.000		Recovery =	98.13%
6) S 2-Fluorobiphenyl (SURR)	8.360	4406898	47.076 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.15%
11) S ortho-Terphenyl (SURR)	11.398	7698334	44.081 ug/ml
Spiked Amount 50.000		Recovery =	88.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.317	5626411	30.881 ug/ml
2) T Naphthalene (C11.7)	5.845	6445542	35.687 ug/ml
3) T 2-Methylnaphthalene (...)	6.894	6636824	37.709 ug/ml
5) T Acenaphthylene (C15.06)	8.164	6830030	44.765 ug/ml
7) T Acenaphthene (C15.5)	8.460	6780643	41.583 ug/ml
8) T Flouorene (C16.55)	9.239	6782951	44.578 ug/ml
9) T Phenanthrene (C19.36)	10.628	6560202	45.558 ug/ml
10) T Anthracene (C19.43)	10.703	6385346	48.791 ug/ml
12) T Fluoranthene (C21.85)	12.432	6415763	45.915 ug/ml
13) T Pyrene (C20.8)	12.728	6460293	46.613 ug/ml
14) T Benzo[a]anthracene (C...	14.592	6076013	46.290 ug/ml
15) T Chrysene (C27.41)	14.636	6592099	46.752 ug/ml
16) T benzo[b]fluoranthene ...	16.137	6256473	45.746 ug/ml
17) T Bnezo[k]fluoranthene ...	16.171	6173257	45.037 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.513	5833249	44.806 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.871	5861554	48.735 ug/ml
20) T Dibenz[a,h]anthracene...	17.911	5589806	43.706 ug/ml
21) T Benzo[g,h,i]perylene ...	18.125	5633868	44.407 ug/ml

(f)=RT Delta > 1/2 Window

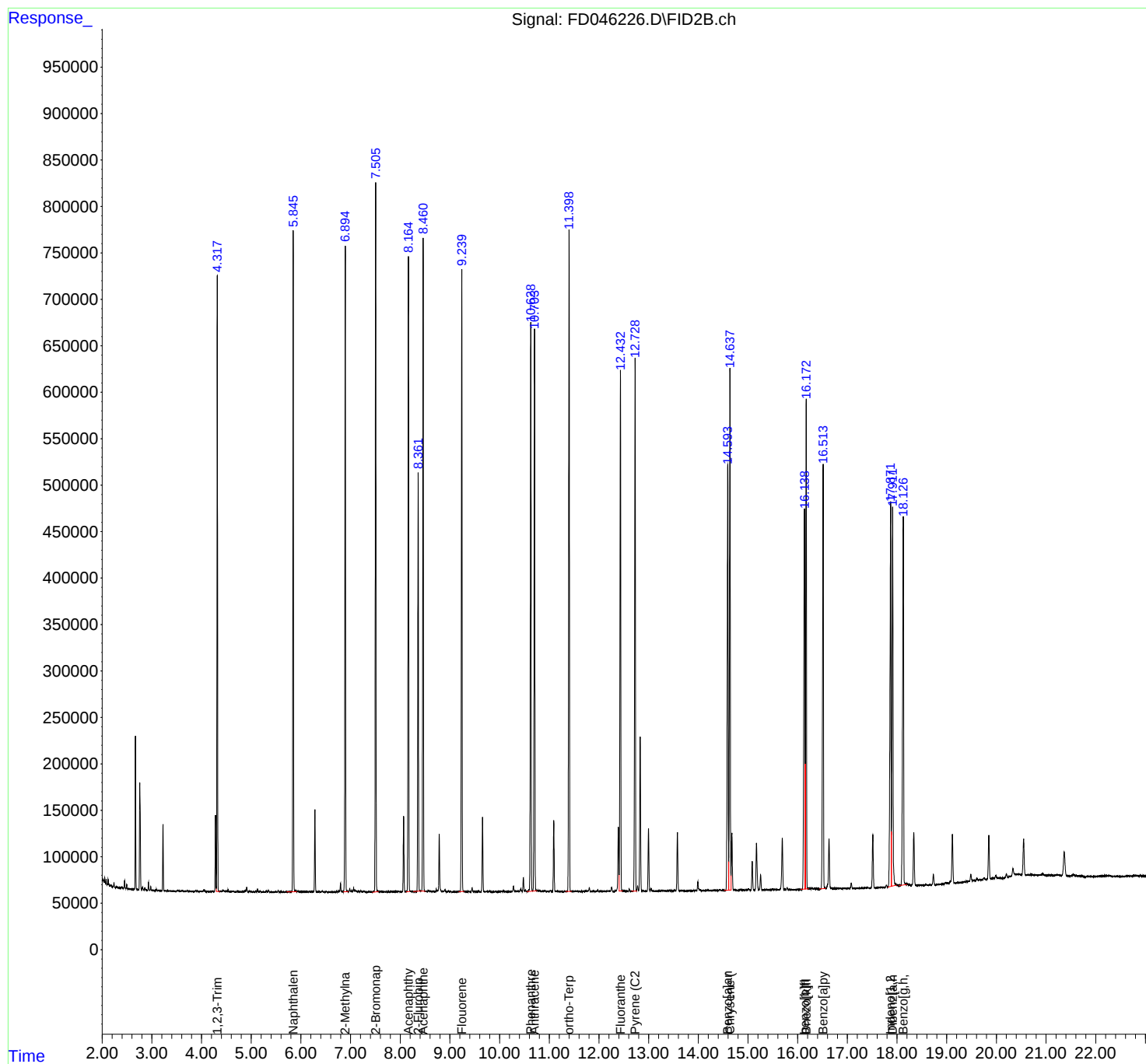
(m)=manual int.

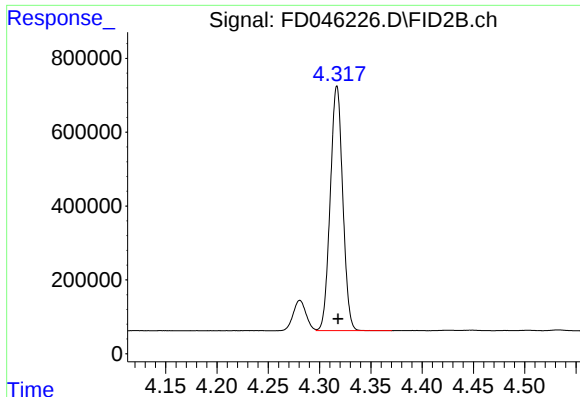
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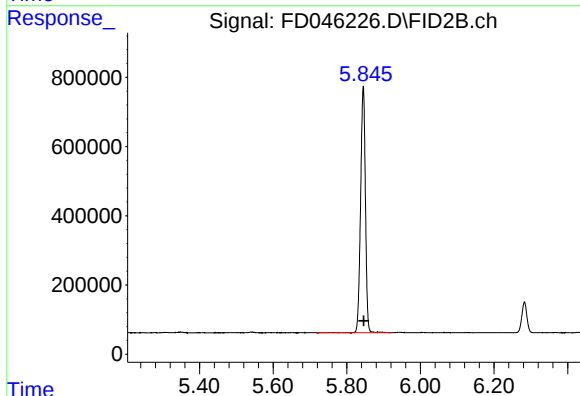




#1 1,2,3-Trimethylbenzene (C10.1)

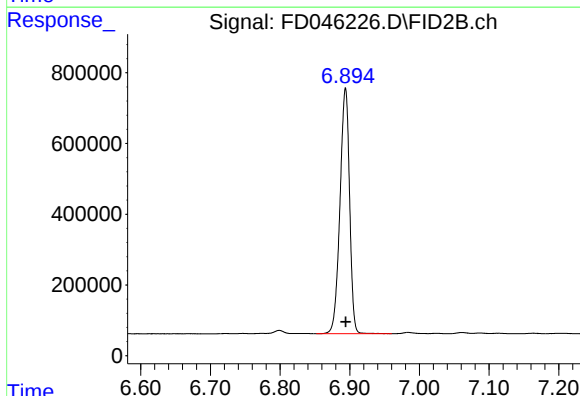
R.T.: 4.317 min
Delta R.T.: -0.001 min
Response: 5626411
Conc: 30.88 ug/ml

Instrument :
FID_D
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PB154470BS



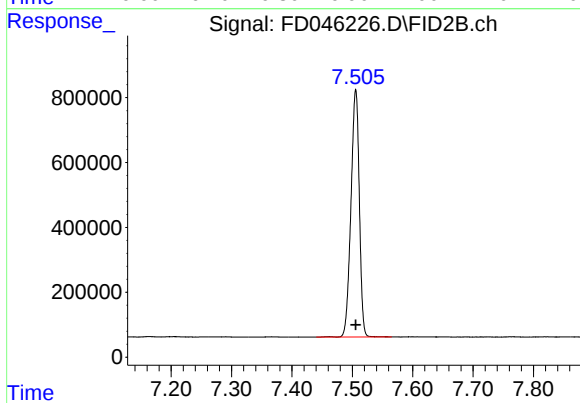
#2 Naphthalene (C11.7)

R.T.: 5.845 min
Delta R.T.: -0.001 min
Response: 6445542
Conc: 35.69 ug/ml



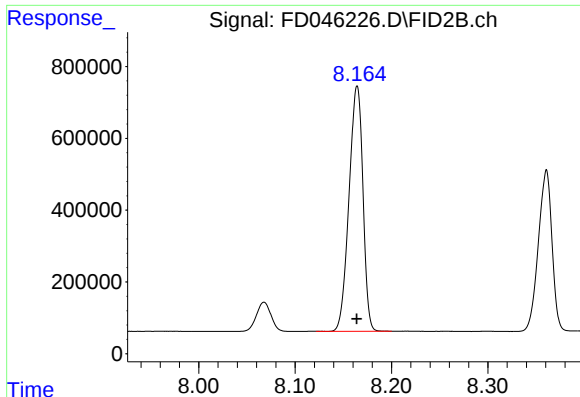
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 6636824
Conc: 37.71 ug/ml



#4 2-Bromonaphthalene (SURR)

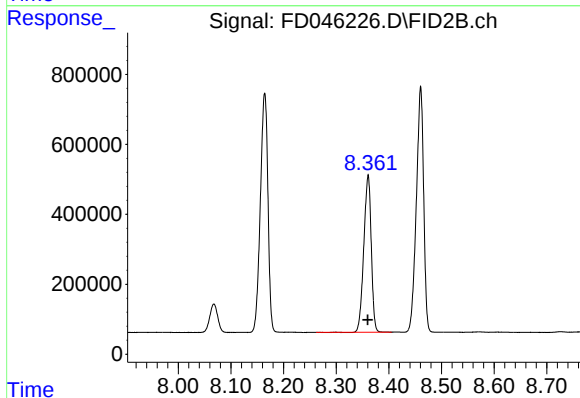
R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 7333840
Conc: 49.06 ug/ml



#5 Acenaphthylene (C15.06)

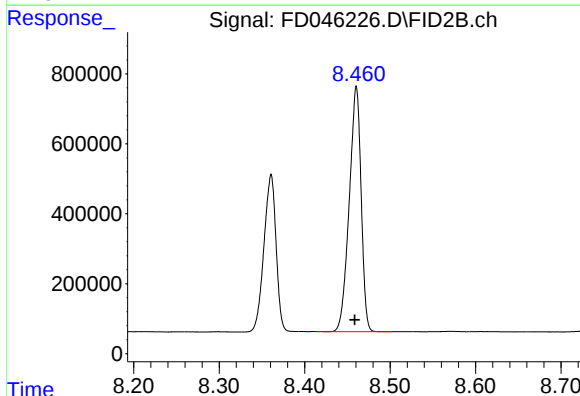
R.T.: 8.164 min
Delta R.T.: 0.000 min
Response: 6830030
Conc: 44.76 ug/ml

Instrument :
FID_D
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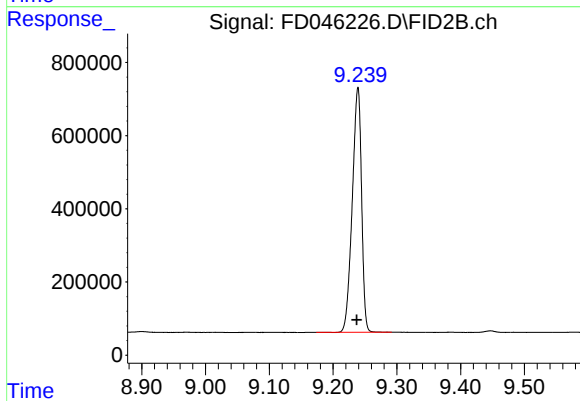
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.360 min
Delta R.T.: 0.000 min
Response: 4406898
Conc: 47.08 ug/ml



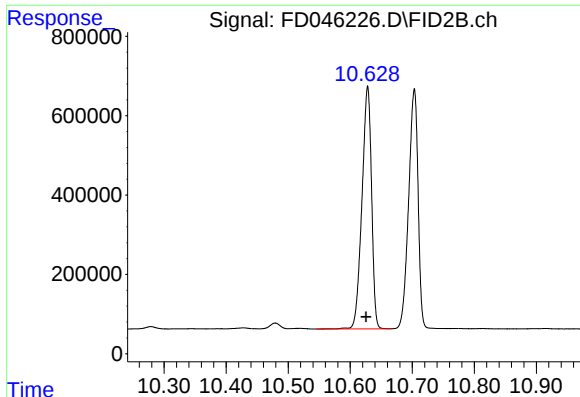
#7 Acenaphthene (C15.5)

R.T.: 8.460 min
Delta R.T.: 0.002 min
Response: 6780643
Conc: 41.58 ug/ml



#8 Flouorene (C16.55)

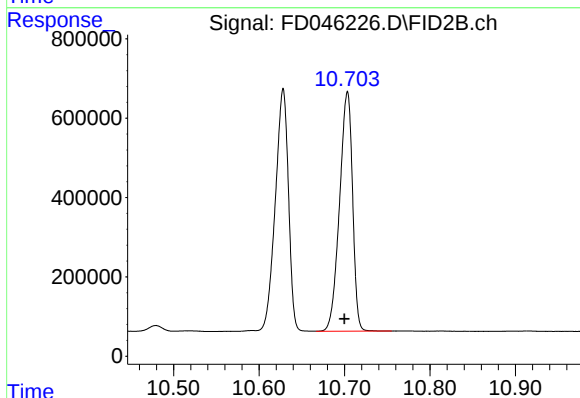
R.T.: 9.239 min
Delta R.T.: 0.002 min
Response: 6782951
Conc: 44.58 ug/ml



#9 Phenanthrene (C19.36)

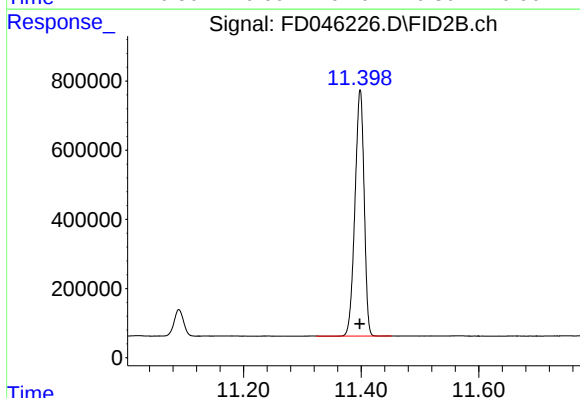
R.T.: 10.628 min
Delta R.T.: 0.002 min
Response: 6560202
Conc: 45.56 ug/ml

Instrument :
FID_D
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PB154470BS



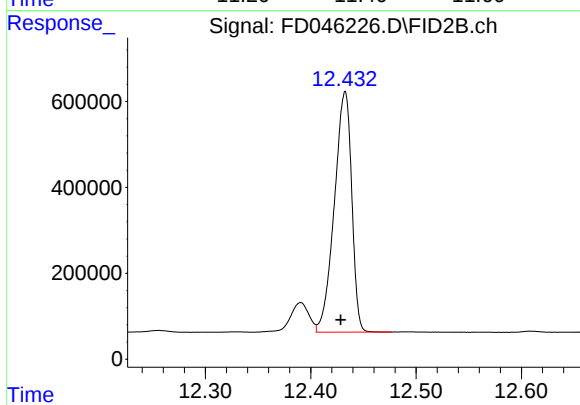
#10 Anthracene (C19.43)

R.T.: 10.703 min
Delta R.T.: 0.003 min
Response: 6385346
Conc: 48.79 ug/ml



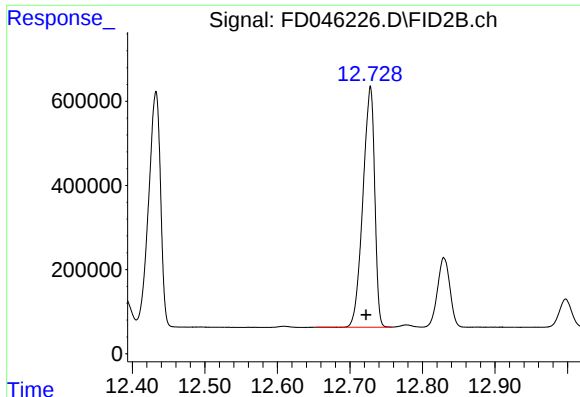
#11 ortho-Terphenyl (SURR)

R.T.: 11.398 min
Delta R.T.: 0.000 min
Response: 7698334
Conc: 44.08 ug/ml



#12 Fluoranthene (C21.85)

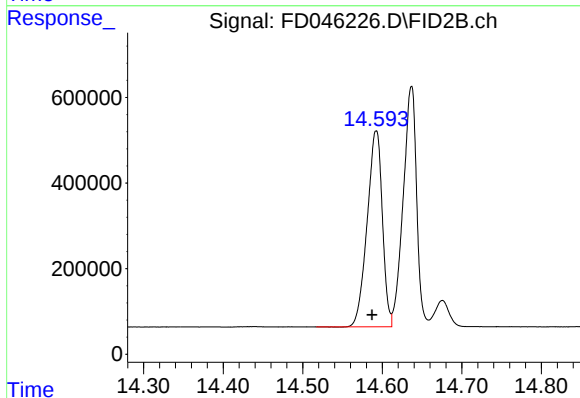
R.T.: 12.432 min
Delta R.T.: 0.004 min
Response: 6415763
Conc: 45.91 ug/ml



#13 Pyrene (C20.8)

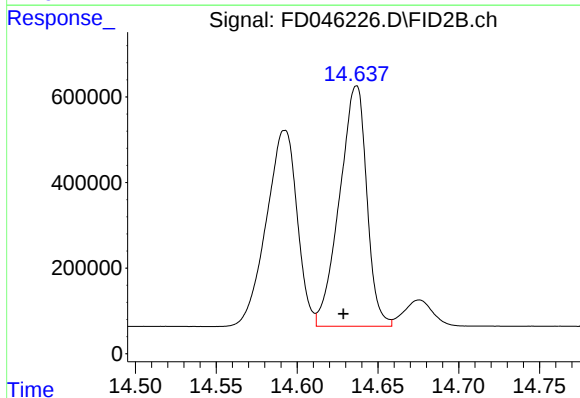
R.T.: 12.728 min
Delta R.T.: 0.005 min
Response: 6460293
Conc: 46.61 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154470BS



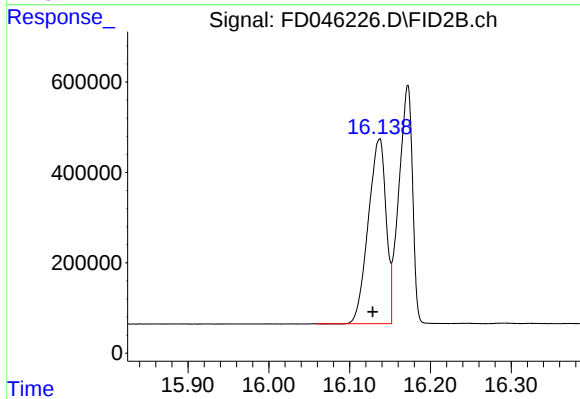
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.592 min
Delta R.T.: 0.005 min
Response: 6076013
Conc: 46.29 ug/ml



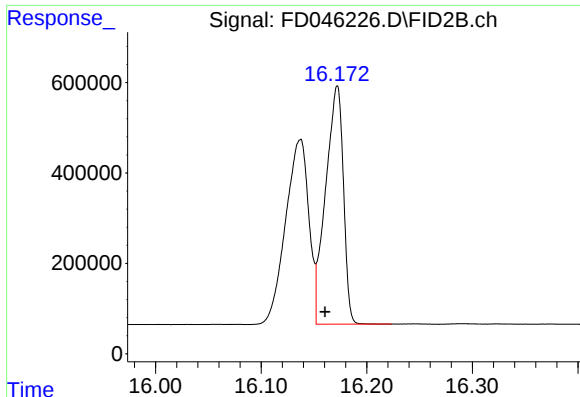
#15 Chrysene (C27.41)

R.T.: 14.636 min
Delta R.T.: 0.008 min
Response: 6592099
Conc: 46.75 ug/ml



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

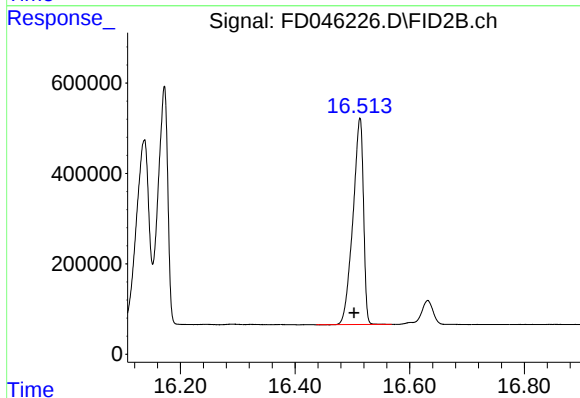
R.T.: 16.137 min
Delta R.T.: 0.008 min
Response: 6256473
Conc: 45.75 ug/ml



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

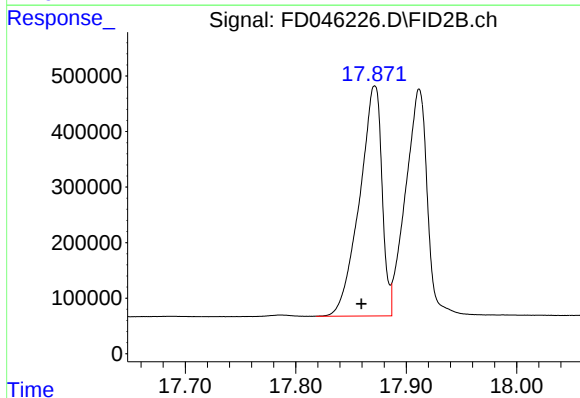
R.T.: 16.171 min
Delta R.T.: 0.011 min
Response: 6173257
Conc: 45.04 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154470BS



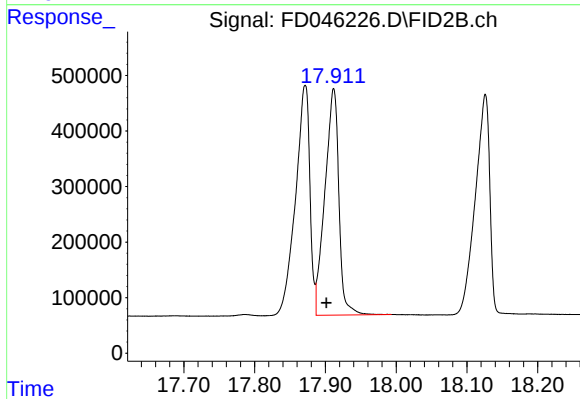
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.513 min
Delta R.T.: 0.010 min
Response: 5833249
Conc: 44.81 ug/ml



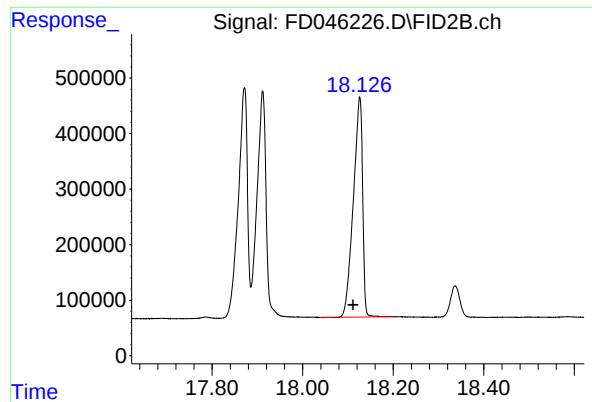
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.871 min
Delta R.T.: 0.012 min
Response: 5861554
Conc: 48.74 ug/ml



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

R.T.: 17.911 min
Delta R.T.: 0.010 min
Response: 5589806
Conc: 43.71 ug/ml



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

R.T.: 18.125 min
Delta R.T.: 0.014 min
Response: 5633868
Conc: 44.41 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154470BS