

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033023AR\
 Data File : FD045373.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2023 16:48
 Operator : YP/AJ
 Sample : PB151766BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151766BS

Integration File: autoint1.e
 Quant Time: Mar 30 02:38:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.550	7069644	51.600 ug/ml
Spiked Amount 50.000		Recovery =	103.20%
6) S 2-Fluorobiphenyl (SURR)	8.406	4209703	46.958 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	93.92%
11) S ortho-Terphenyl (SURR)	11.447	7896677	45.387 ug/ml
Spiked Amount 50.000		Recovery =	90.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	5431763	34.868 ug/ml
2) T Naphthalene (C11.7)	5.888	6075480	37.804 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	6020191	37.607 ug/ml
5) T Acenaphthylene (C15.06)	8.210	6552554	44.753 ug/ml
7) T Acenaphthene (C15.5)	8.506	6861665	44.239 ug/ml
8) T Fluorene (C16.55)	9.284	6721993	45.331 ug/ml
9) T Phenanthrene (C19.36)	10.676	6923450	47.795 ug/ml
10) T Anthracene (C19.43)	10.751	6800327	49.198 ug/ml
12) T Fluoranthene (C21.85)	12.482	7069239	49.136 ug/ml
13) T Pyrene (C20.8)	12.778	7085716	50.396 ug/ml
14) T Benzo[a]anthracene (C...	14.642	6453446	50.322 ug/ml
15) T Chrysene (C27.41)	14.686	6332697	47.757 ug/ml
16) T benzo[b]fluoranthene ...	16.186	6566373	50.548 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	6201551	48.964 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.562	5706894	45.391 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.920	5346798	45.175 ug/ml
20) T Dibenz[a,h]anthracene...	17.961	5131594	43.074 ug/ml
21) T Benzo[g,h,i]perylene ...	18.176	5828786	46.664 ug/ml

(f)=RT Delta > 1/2 Window

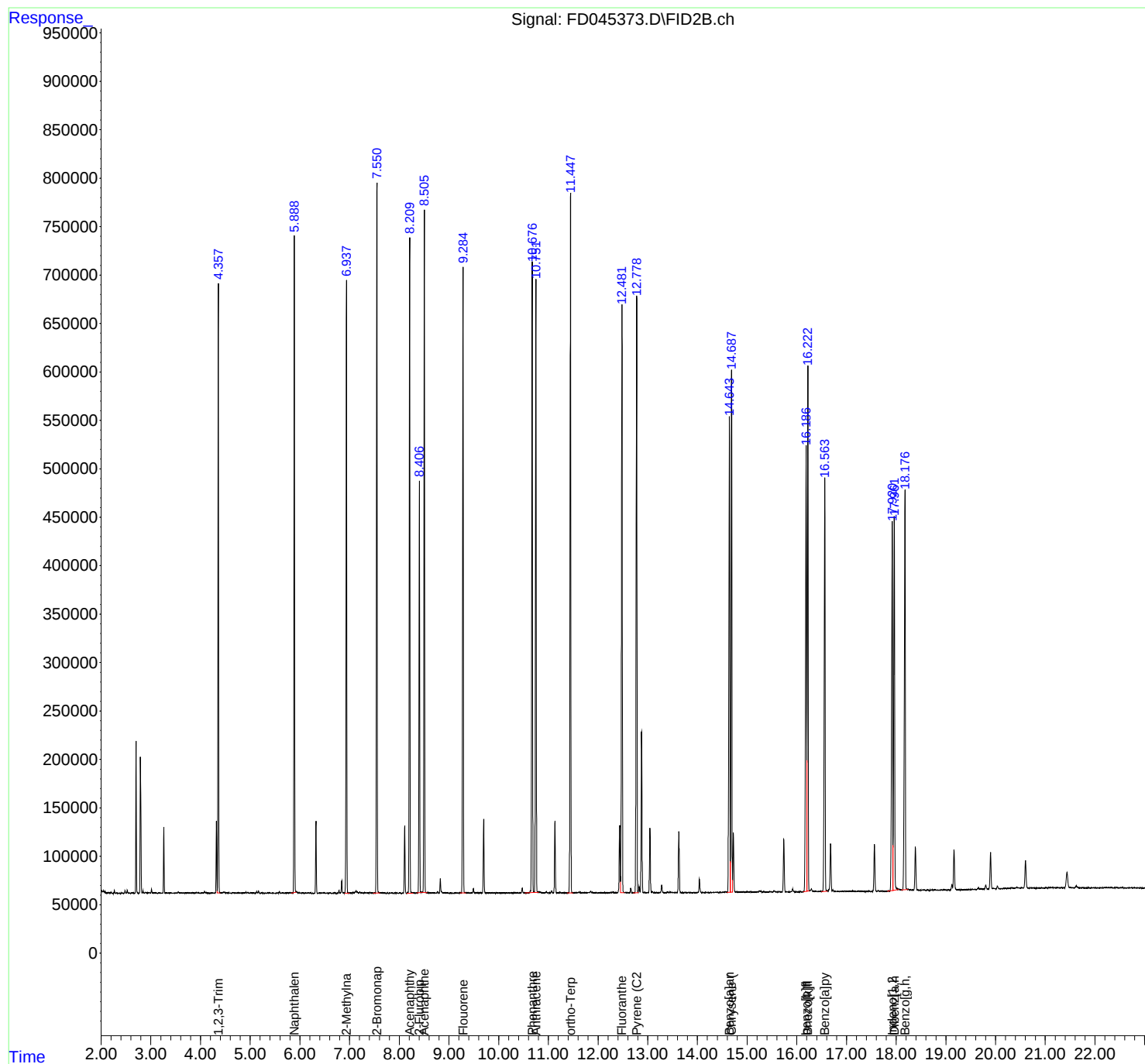
(m)=manual int.

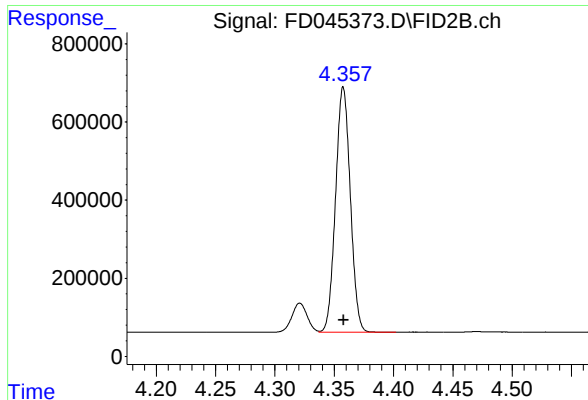
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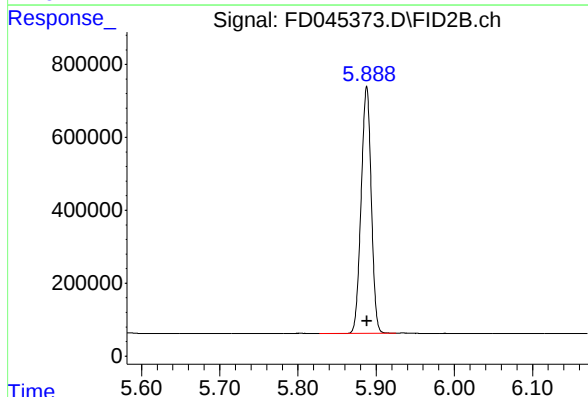




#1 1,2,3-Trimethylbenzene (C10.1)

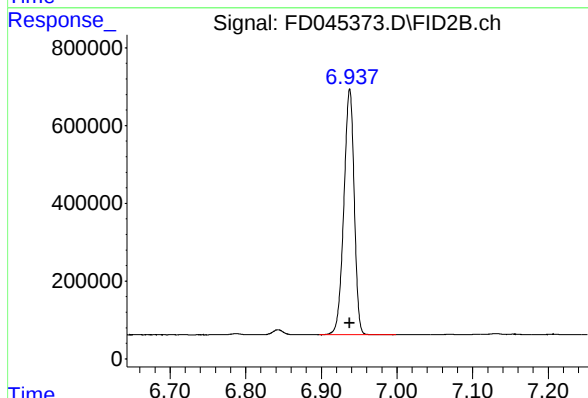
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 5431763
Conc: 34.87 ug/ml

Instrument :
FID_D
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PB151766BS



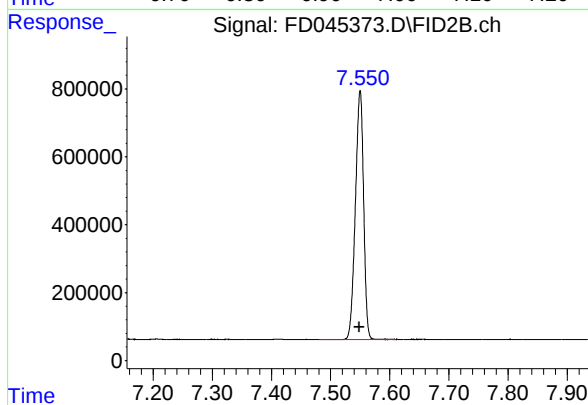
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 6075480
Conc: 37.80 ug/ml



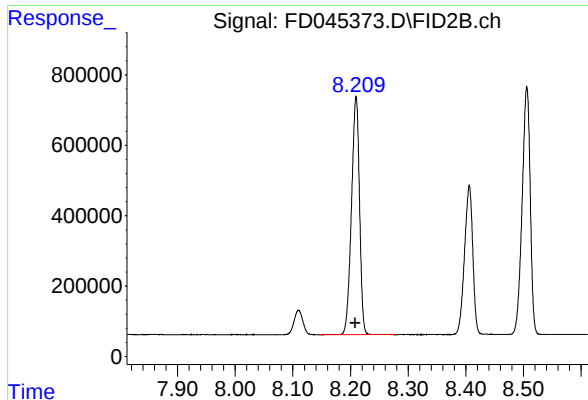
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 6020191
Conc: 37.61 ug/ml



#4 2-Bromonaphthalene (SURR)

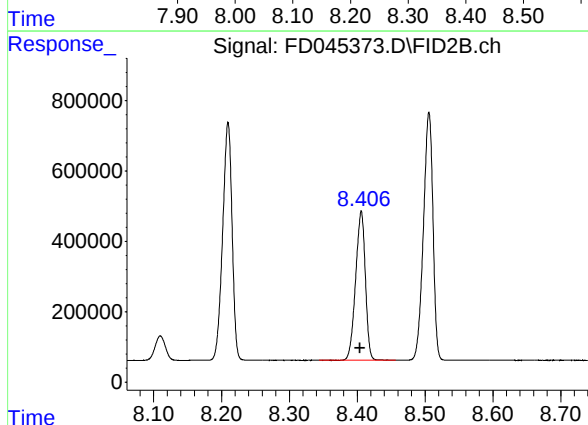
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 7069644
Conc: 51.60 ug/ml



#5 Acenaphthylene (C15.06)

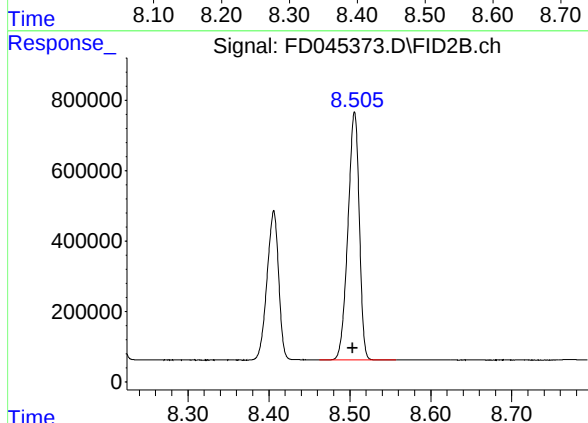
R.T.: 8.210 min
Delta R.T.: 0.001 min
Response: 6552554
Conc: 44.75 ug/ml

Instrument :
FID_D
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PB151766BS



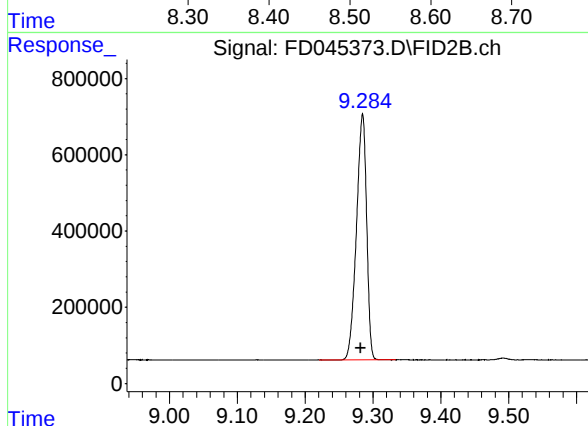
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min
Delta R.T.: 0.002 min
Response: 4209703
Conc: 46.96 ug/ml



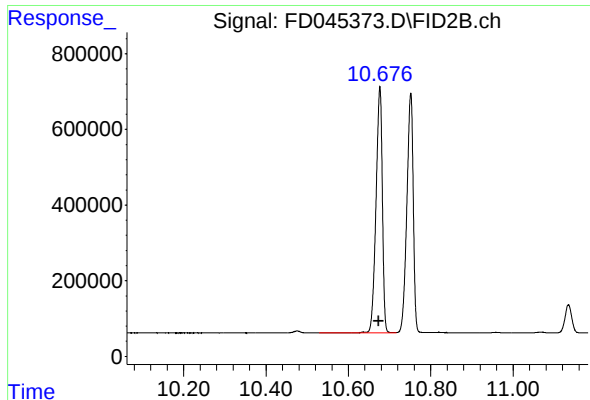
#7 Acenaphthene (C15.5)

R.T.: 8.506 min
Delta R.T.: 0.002 min
Response: 6861665
Conc: 44.24 ug/ml



#8 Fluorene (C16.55)

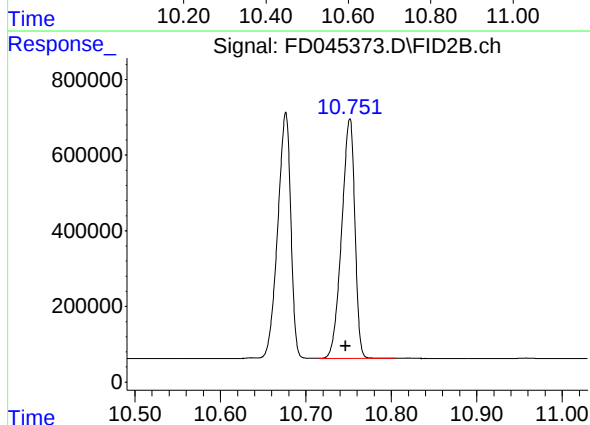
R.T.: 9.284 min
Delta R.T.: 0.002 min
Response: 6721993
Conc: 45.33 ug/ml



#9 Phenanthrene (C19.36)

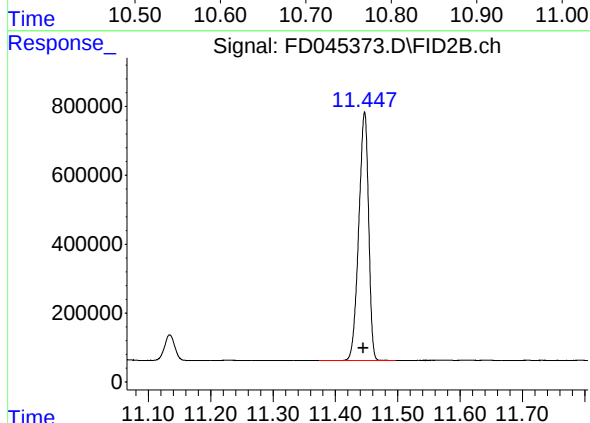
R.T.: 10.676 min
Delta R.T.: 0.003 min
Response: 6923450
Conc: 47.80 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151766BS



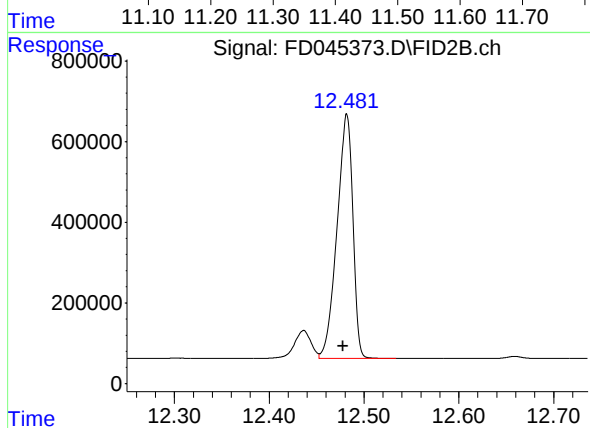
#10 Anthracene (C19.43)

R.T.: 10.751 min
Delta R.T.: 0.004 min
Response: 6800327
Conc: 49.20 ug/ml



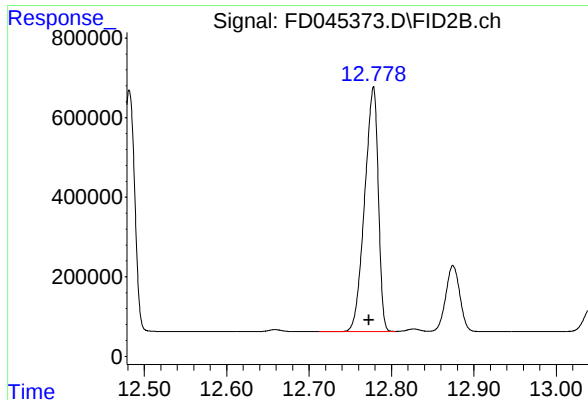
#11 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: 0.002 min
Response: 7896677
Conc: 45.39 ug/ml



#12 Fluoranthene (C21.85)

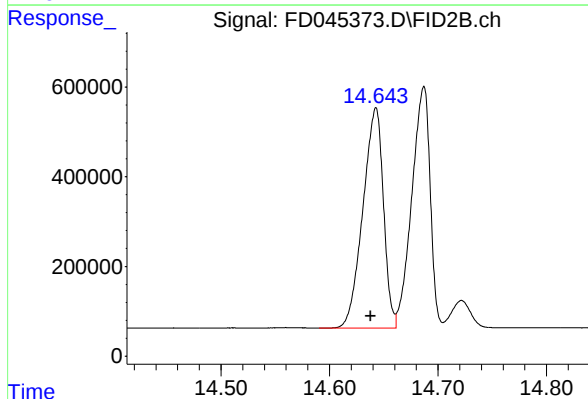
R.T.: 12.482 min
Delta R.T.: 0.004 min
Response: 7069239
Conc: 49.14 ug/ml



#13 Pyrene (C20.8)

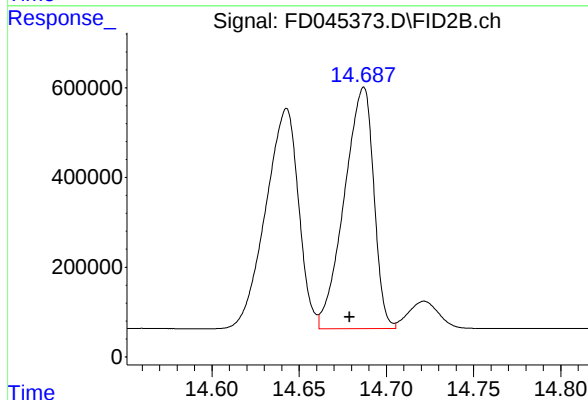
R.T.: 12.778 min
Delta R.T.: 0.005 min
Response: 7085716
Conc: 50.40 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151766BS



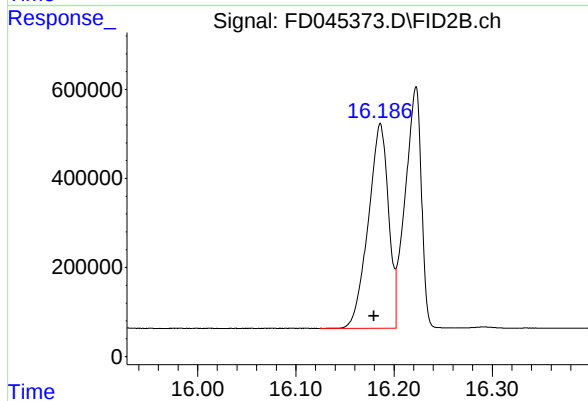
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.004 min
Response: 6453446
Conc: 50.32 ug/ml



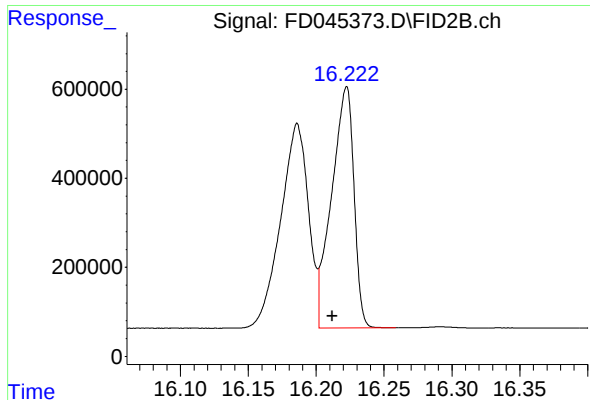
#15 Chrysene (C27.41)

R.T.: 14.686 min
Delta R.T.: 0.007 min
Response: 6332697
Conc: 47.76 ug/ml



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

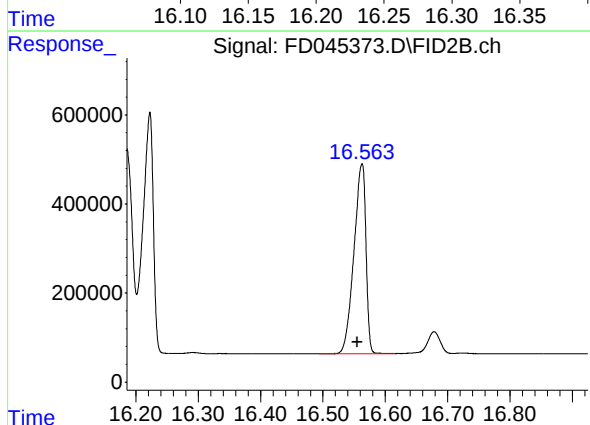
R.T.: 16.186 min
Delta R.T.: 0.006 min
Response: 6566373
Conc: 50.55 ug/ml



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

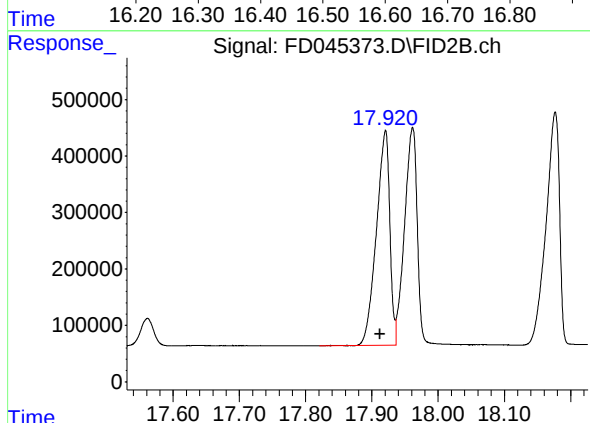
R.T.: 16.222 min
Delta R.T.: 0.010 min
Response: 6201551
Conc: 48.96 ug/ml

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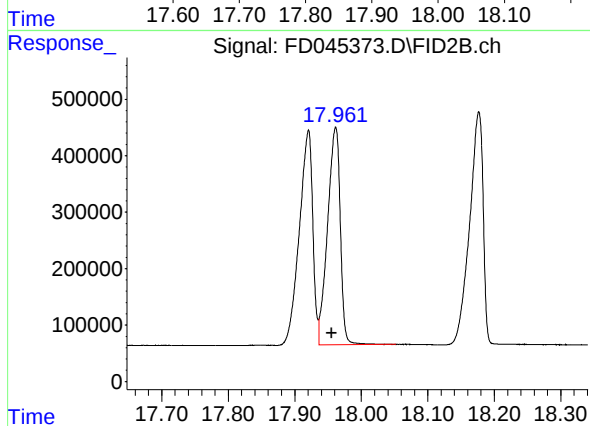
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.562 min
Delta R.T.: 0.007 min
Response: 5706894
Conc: 45.39 ug/ml



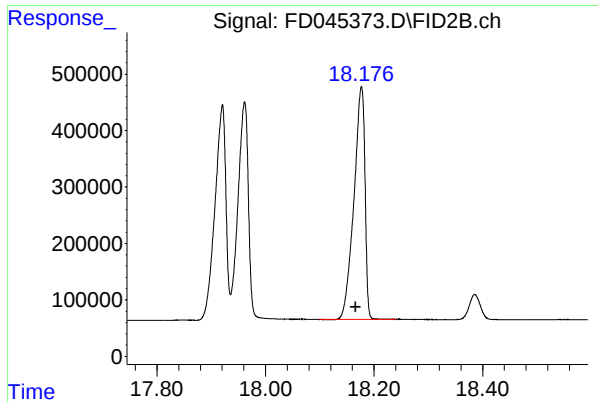
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.920 min
Delta R.T.: 0.008 min
Response: 5346798
Conc: 45.17 ug/ml



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

R.T.: 17.961 min
Delta R.T.: 0.006 min
Response: 5131594
Conc: 43.07 ug/ml



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

R.T.: 18.176 min

Delta R.T.: 0.011 min

Response: 5828786

Conc: 46.66 ug/ml

Instrument :

FID_D

ClientSampleId :

PB151766BS