

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033023AR\
 Data File : FD045374.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2023 17:30
 Operator : YP/AJ
 Sample : PB151766BSD
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151766BSD

Integration File: autoint1.e
 Quant Time: Mar 30 02:39:07 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	7628933	55.682 ug/ml
Spiked Amount 50.000		Recovery =	111.36%
6) S 2-Fluorobiphenyl (SURR)	8.406	4586321	51.160 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.32%
11) S ortho-Terphenyl (SURR)	11.447	8500331	48.857 ug/ml
Spiked Amount 50.000		Recovery =	97.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.358	5846202	37.528 ug/ml
2) T Naphthalene (C11.7)	5.888	6552335	40.772 ug/ml
3) T 2-Methylnaphthalene (...)	6.938	6491548	40.552 ug/ml
5) T Acenaphthylene (C15.06)	8.210	7049135	48.145 ug/ml
7) T Acenaphthene (C15.5)	8.507	7431180	47.910 ug/ml
8) T Fluorene (C16.55)	9.285	7279172	49.088 ug/ml
9) T Phenanthrene (C19.36)	10.677	7500709	51.780 ug/ml
10) T Anthracene (C19.43)	10.752	7409770	53.607 ug/ml
12) T Fluoranthene (C21.85)	12.483	7636430	53.078 ug/ml
13) T Pyrene (C20.8)	12.779	7641426	54.349 ug/ml
14) T Benzo[a]anthracene (C...	14.643	7060428	55.055 ug/ml
15) T Chrysene (C27.41)	14.688	6920381	52.189 ug/ml
16) T benzo[b]fluoranthene ...	16.188	7108621	54.723 ug/ml
17) T Bnezo[k]fluoranthene ...	16.223	6785149	53.572 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.564	6249474	49.706 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.922	6075473	51.331 ug/ml
20) T Dibenz[a,h]anthracene...	17.965	6057227	50.843 ug/ml
21) T Benzo[g,h,i]perylene ...	18.179	6510137	52.119 ug/ml

(f)=RT Delta > 1/2 Window

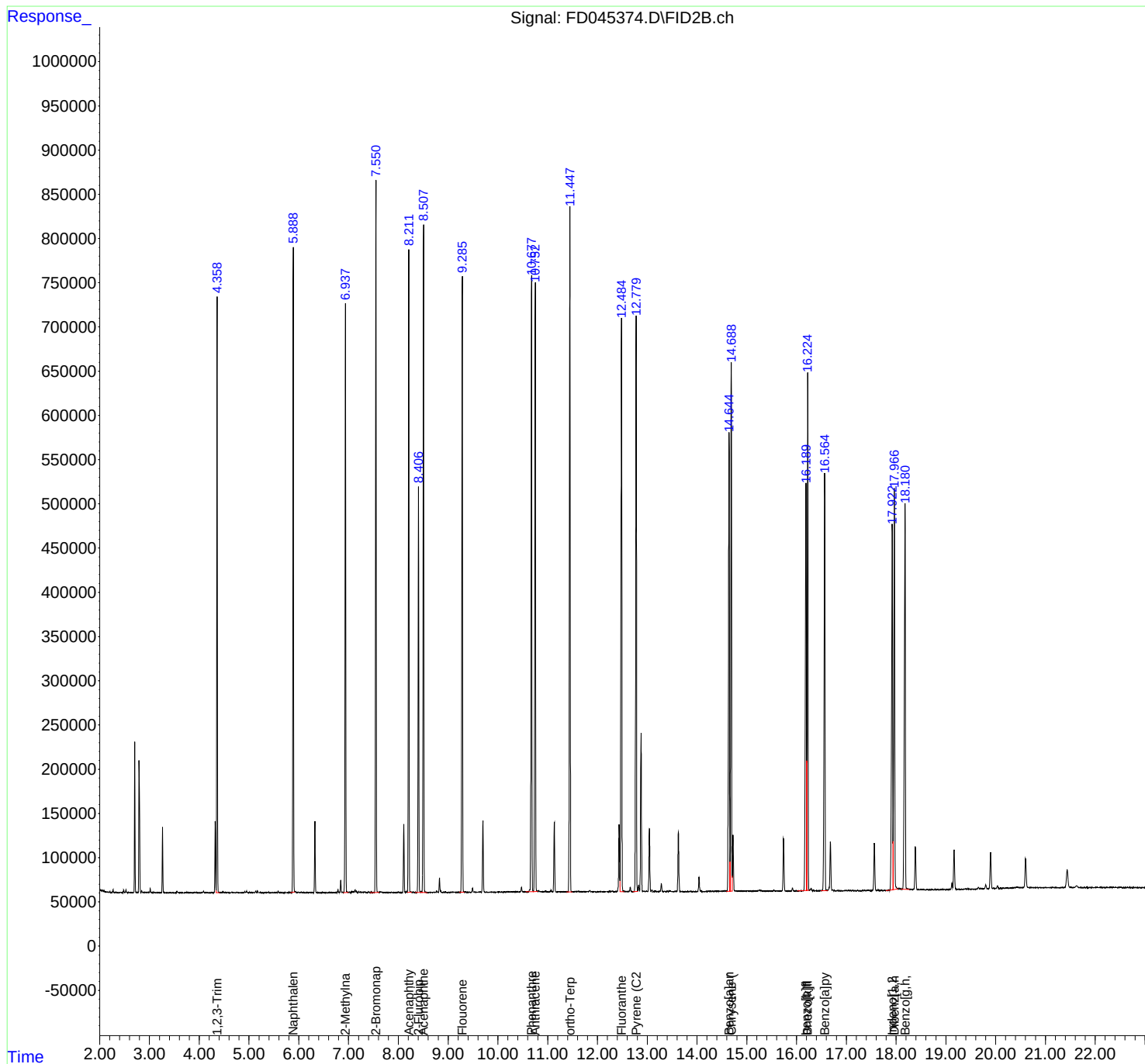
(m)=manual int.

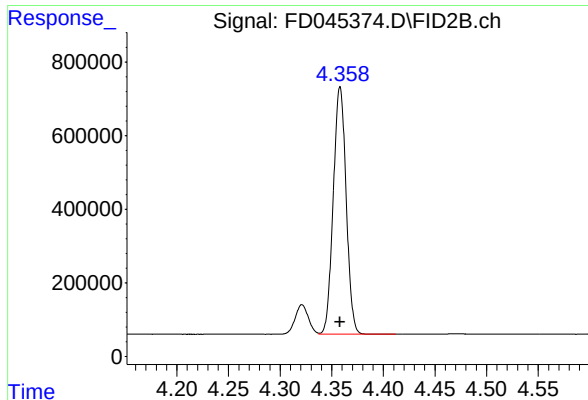
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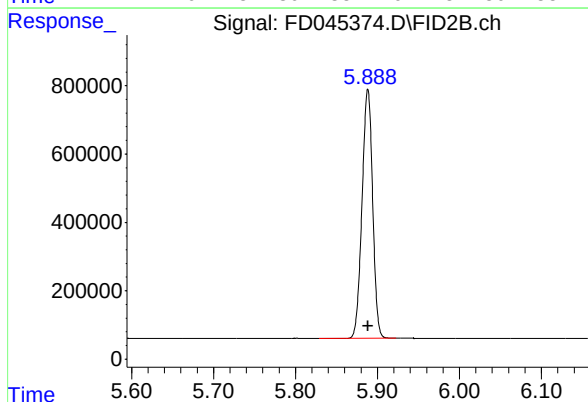




#1 1,2,3-Trimethylbenzene (C10.1)

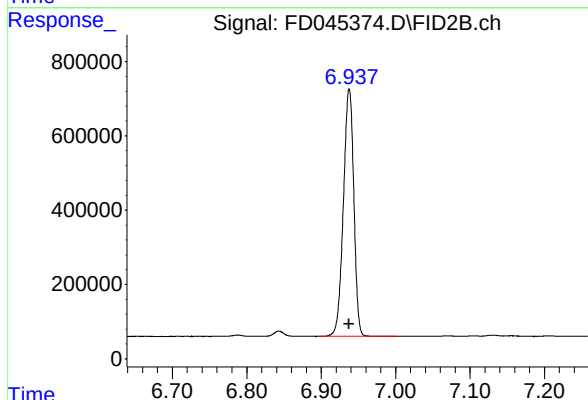
R.T.: 4.358 min
Delta R.T.: 0.000 min
Response: 5846202
Conc: 37.53 ug/ml

Instrument :
FID_D
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PB151766BSD



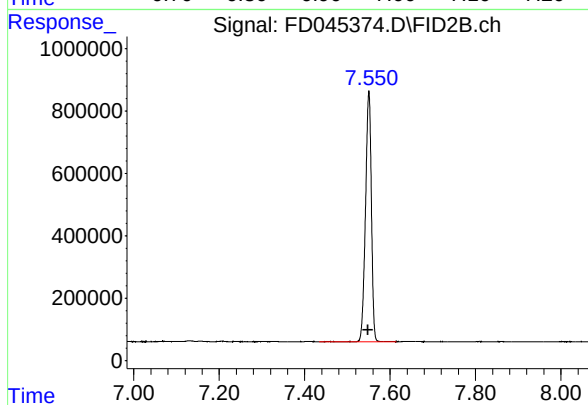
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 6552335
Conc: 40.77 ug/ml



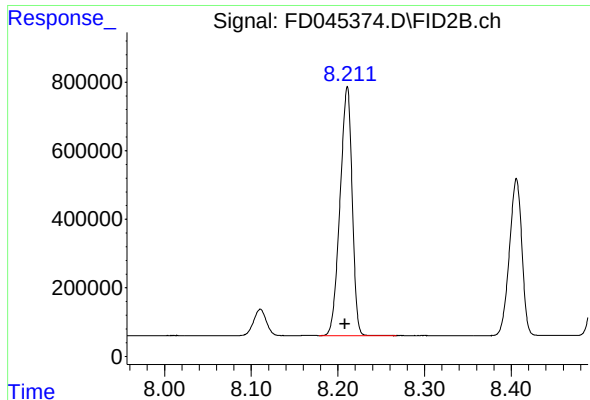
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.938 min
Delta R.T.: 0.000 min
Response: 6491548
Conc: 40.55 ug/ml



#4 2-Bromonaphthalene (SURR)

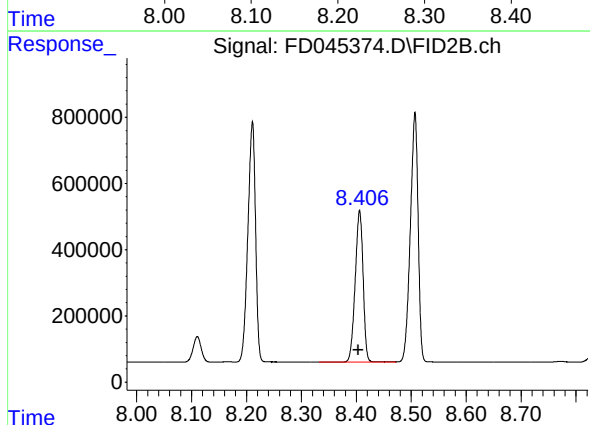
R.T.: 7.550 min
Delta R.T.: 0.001 min
Response: 7628933
Conc: 55.68 ug/ml



#5 Acenaphthylene (C15.06)

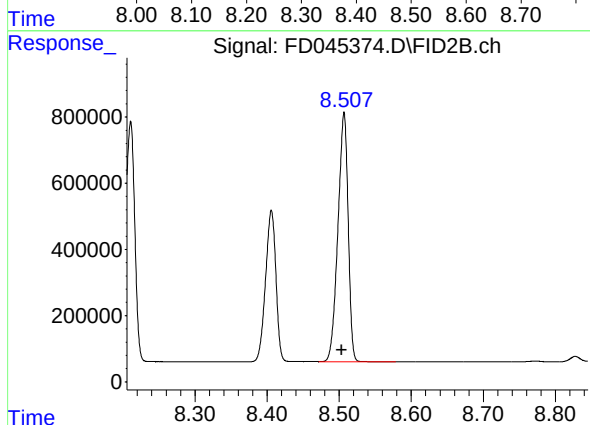
R.T.: 8.210 min
Delta R.T.: 0.002 min
Response: 7049135
Conc: 48.14 ug/ml

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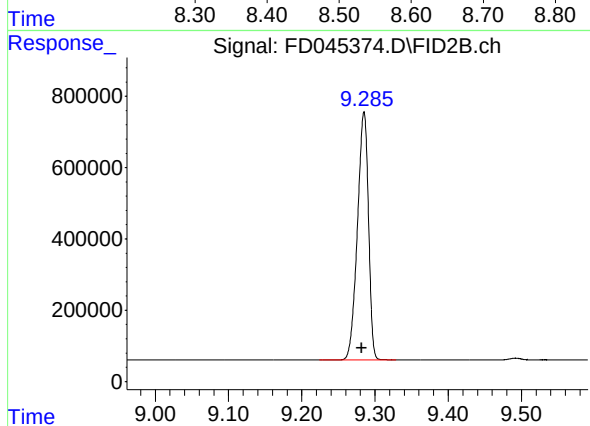
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.406 min
Delta R.T.: 0.002 min
Response: 4586321
Conc: 51.16 ug/ml



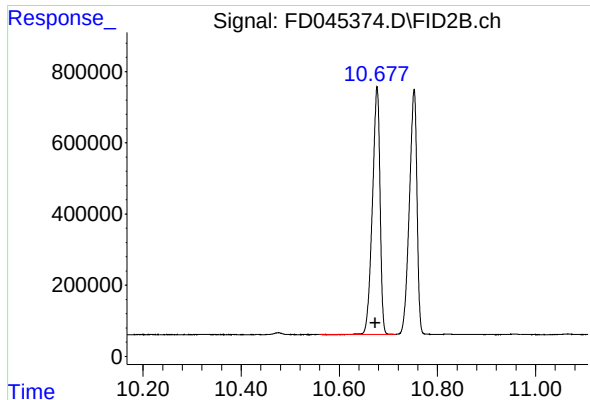
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: 0.003 min
Response: 7431180
Conc: 47.91 ug/ml



#8 Flouorene (C16.55)

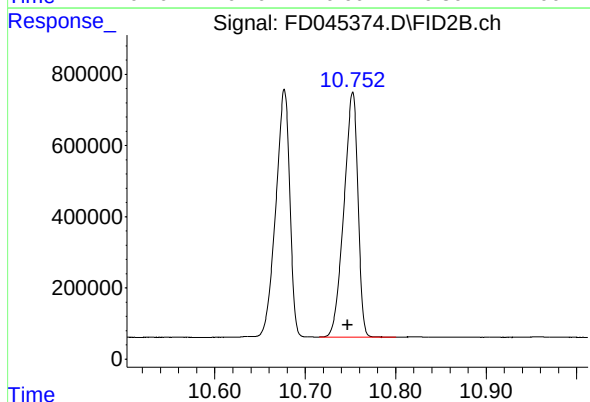
R.T.: 9.285 min
Delta R.T.: 0.003 min
Response: 7279172
Conc: 49.09 ug/ml



#9 Phenanthrene (C19.36)

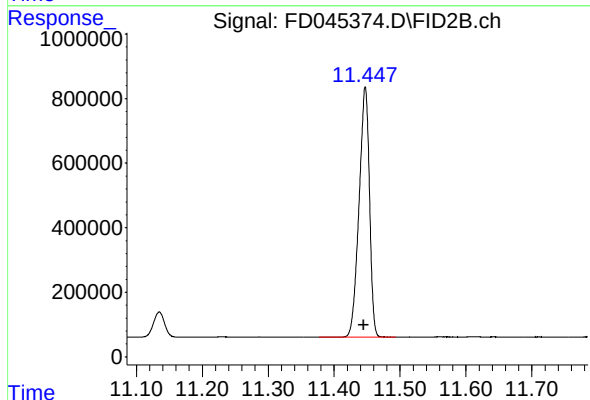
R.T.: 10.677 min
Delta R.T.: 0.003 min
Response: 7500709
Conc: 51.78 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151766BSD



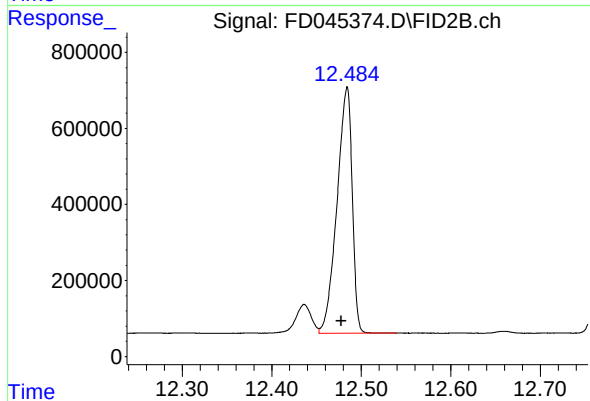
#10 Anthracene (C19.43)

R.T.: 10.752 min
Delta R.T.: 0.005 min
Response: 7409770
Conc: 53.61 ug/ml



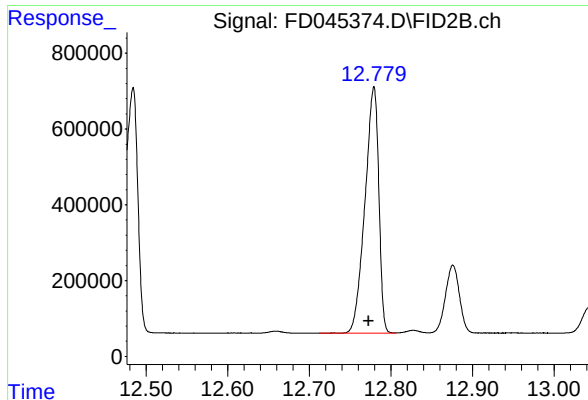
#11 ortho-Terphenyl (SURR)

R.T.: 11.447 min
Delta R.T.: 0.003 min
Response: 8500331
Conc: 48.86 ug/ml



#12 Fluoranthene (C21.85)

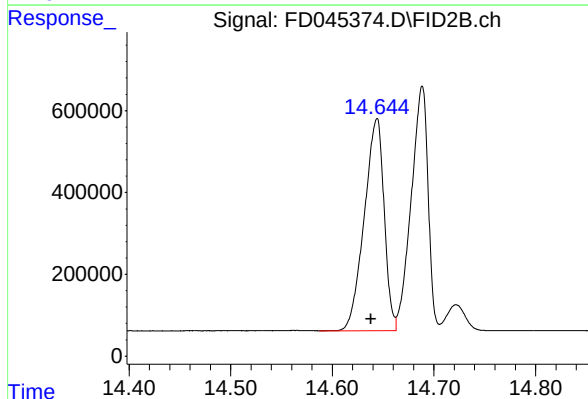
R.T.: 12.483 min
Delta R.T.: 0.005 min
Response: 7636430
Conc: 53.08 ug/ml



#13 Pyrene (C20.8)

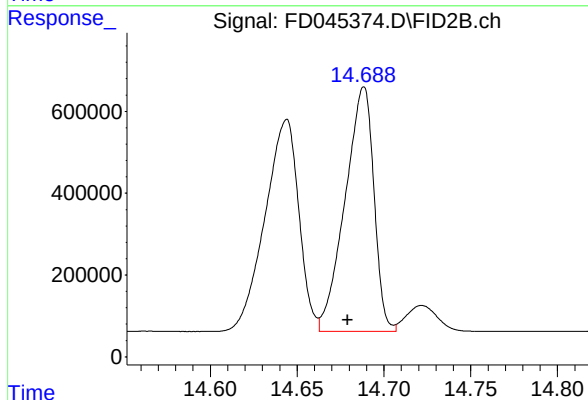
R.T.: 12.779 min
Delta R.T.: 0.006 min
Response: 7641426
Conc: 54.35 ug/ml

Instrument :
FID_D
ClientSampleId :
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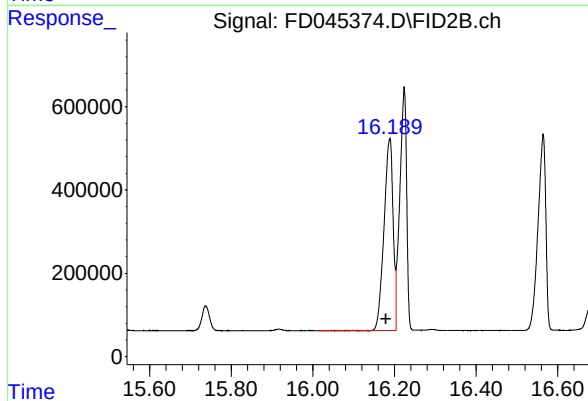
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: 0.005 min
Response: 7060428
Conc: 55.05 ug/ml



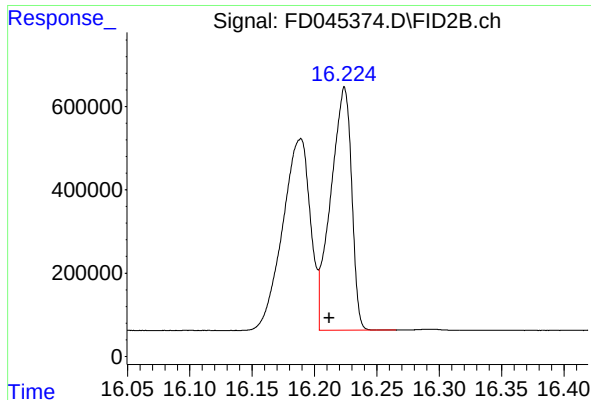
#15 Chrysene (C27.41)

R.T.: 14.688 min
Delta R.T.: 0.009 min
Response: 6920381
Conc: 52.19 ug/ml



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

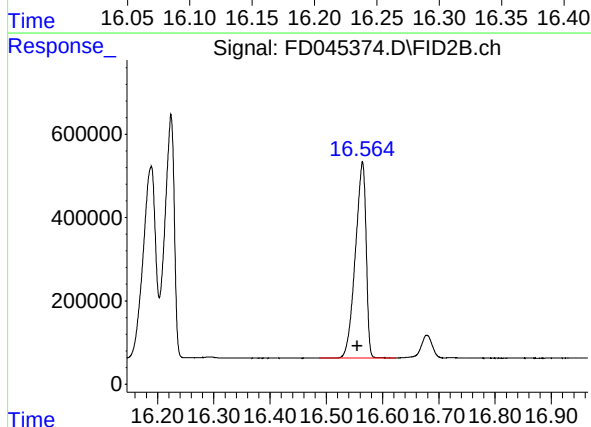
R.T.: 16.188 min
Delta R.T.: 0.008 min
Response: 7108621
Conc: 54.72 ug/ml



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

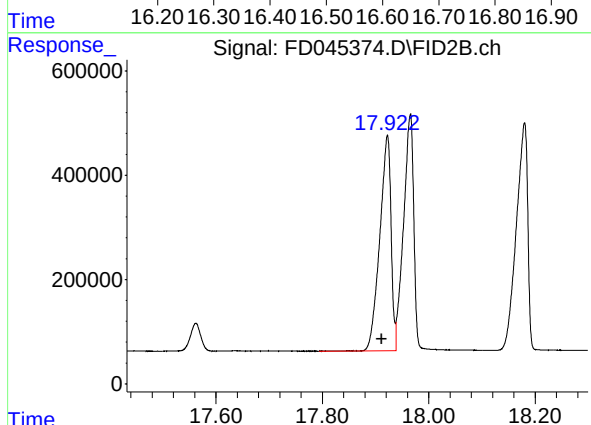
R.T.: 16.223 min
Delta R.T.: 0.012 min
Response: 6785149
Conc: 53.57 ug/ml

Instrument :
FID_D
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PB151766BSD



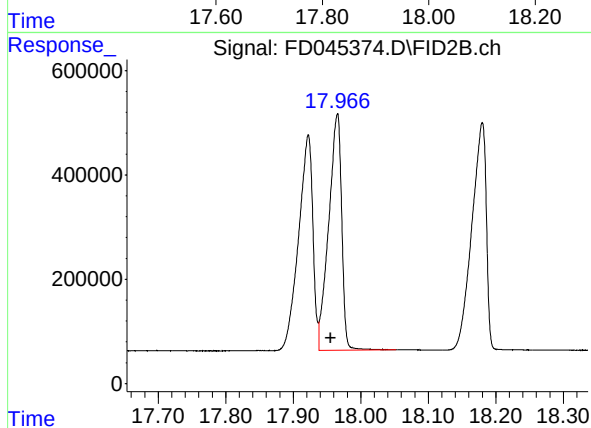
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.564 min
Delta R.T.: 0.009 min
Response: 6249474
Conc: 49.71 ug/ml



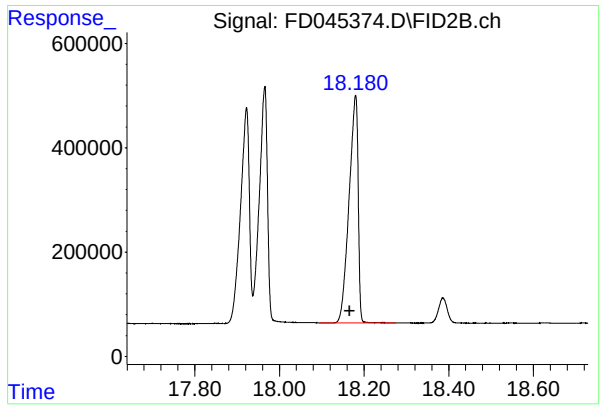
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.922 min
Delta R.T.: 0.010 min
Response: 6075473
Conc: 51.33 ug/ml



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

R.T.: 17.965 min
Delta R.T.: 0.009 min
Response: 6057227
Conc: 50.84 ug/ml



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

R.T.: 18.179 min

Delta R.T.: 0.014 min

Response: 6510137

Conc: 52.12 ug/ml

Instrument :

FID_D

ClientSampleId :

PB151766BSD