

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032323AR\
 Data File : FD045322.D
 Signal(s) : FID2B.ch
 Acq On : 23 Mar 2023 17:00
 Operator : YP/AJ
 Sample : PB151625BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151625BS

Integration File: autoint1.e
 Quant Time: Mar 24 01:34:59 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.549	5617434	41.394 ug/ml
Spiked Amount 50.000		Recovery =	82.79%
6) S 2-Fluorobiphenyl (SURR)	8.405	3498749	39.077 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.15%
11) S ortho-Terphenyl (SURR)	11.446	5623634	33.785 ug/ml
Spiked Amount 50.000		Recovery =	67.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	4081387	26.949 ug/ml
2) T Naphthalene (C11.7)	5.886	4674820	29.592 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	4724398	29.729 ug/ml
5) T Acenaphthylene (C15.06)	8.209	5059999	35.289 ug/ml
7) T Acenaphthene (C15.5)	8.505	5090715	33.587 ug/ml
8) T Fluorene (C16.55)	9.283	5176398	35.158 ug/ml
9) T Phenanthrene (C19.36)	10.675	5271376	36.921 ug/ml
10) T Anthracene (C19.43)	10.750	5149663	36.749 ug/ml
12) T Fluoranthene (C21.85)	12.481	5330135	38.157 ug/ml
13) T Pyrene (C20.8)	12.776	5289126	38.840 ug/ml
14) T Benzo[a]anthracene (C...	14.642	4915252	38.559 ug/ml
15) T Chrysene (C27.41)	14.684	4843671	37.165 ug/ml
16) T benzo[b]fluoranthene ...	16.185	4938356	38.306 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	4634353	36.713 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	4330230	34.405 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.919	4208923	35.183 ug/ml
20) T Dibenz[a,h]anthracene...	17.959	3886057	32.217 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	4291693	34.492 ug/ml

(f)=RT Delta > 1/2 Window

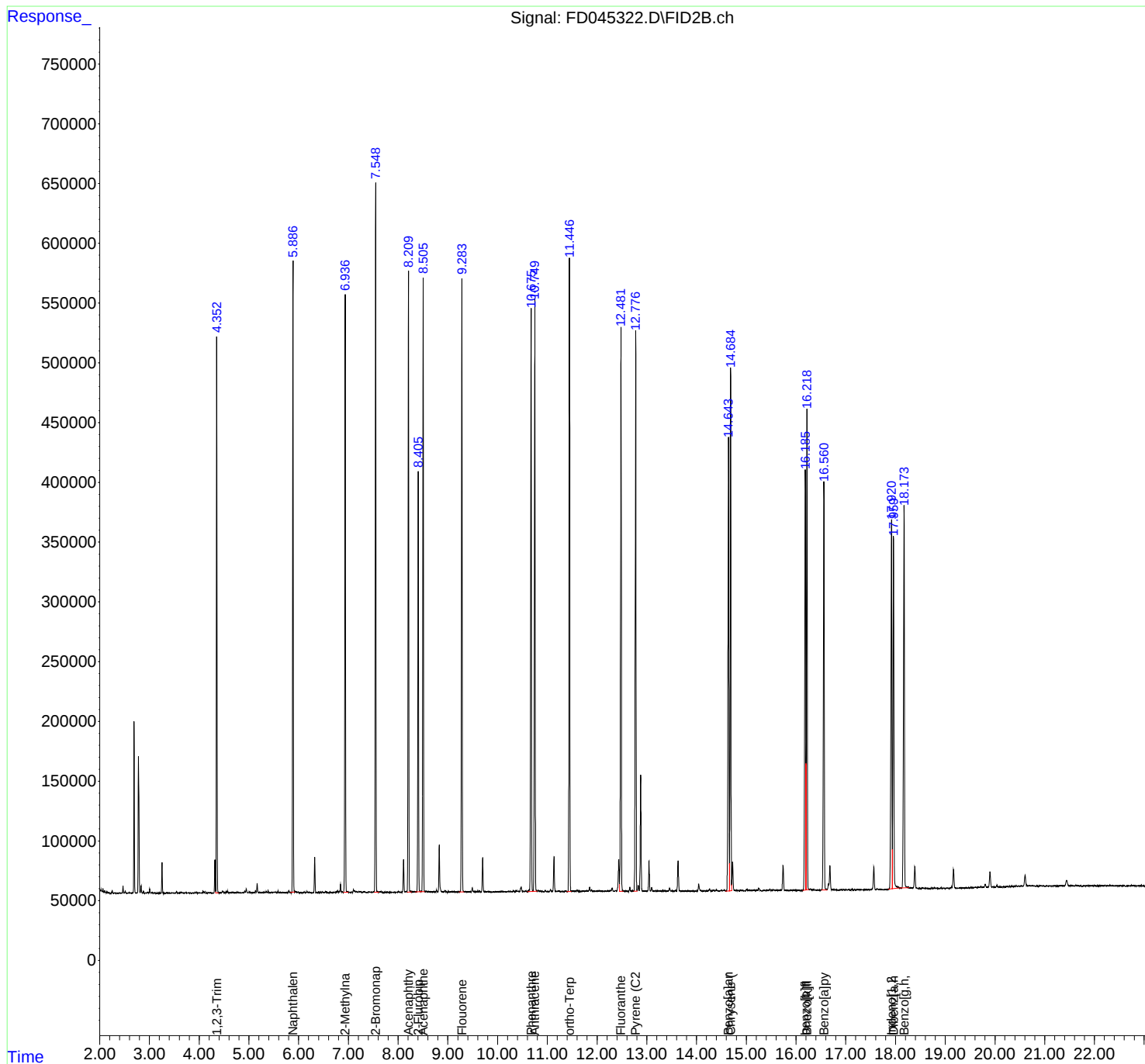
(m)=manual int.

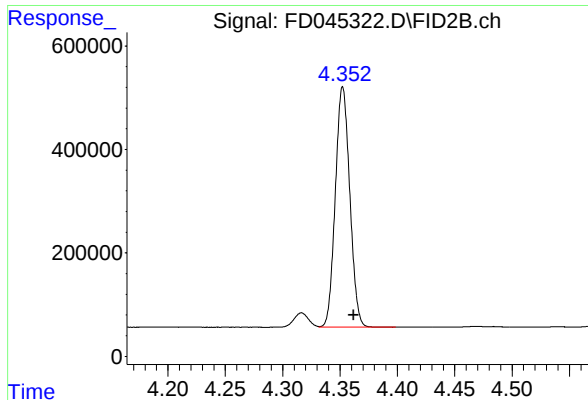
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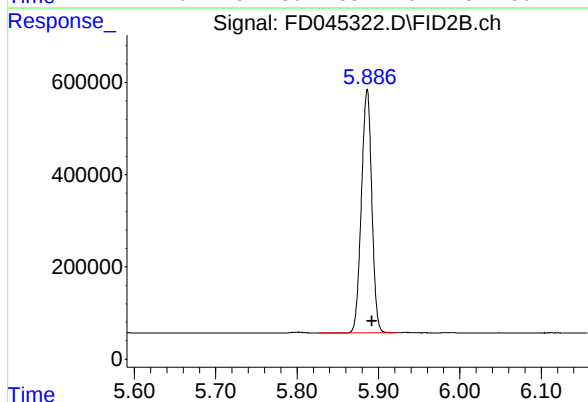




#1 1,2,3-Trimethylbenzene (C10.1)

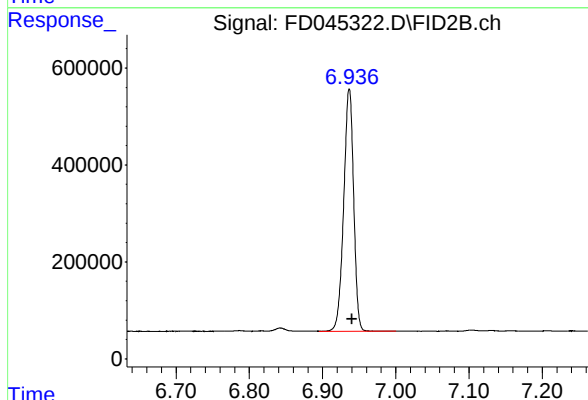
R.T.: 4.352 min
Delta R.T.: -0.010 min
Response: 4081387
Conc: 26.95 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151625BS



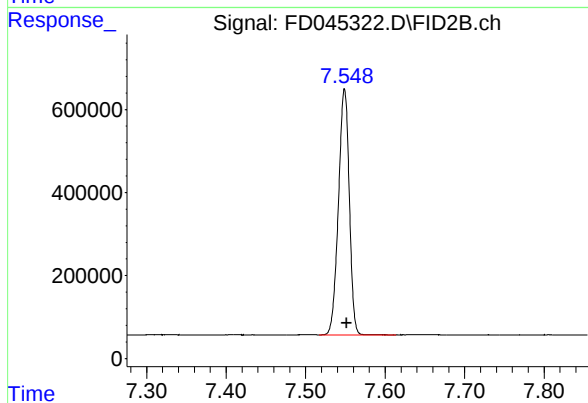
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.006 min
Response: 4674820
Conc: 29.59 ug/ml



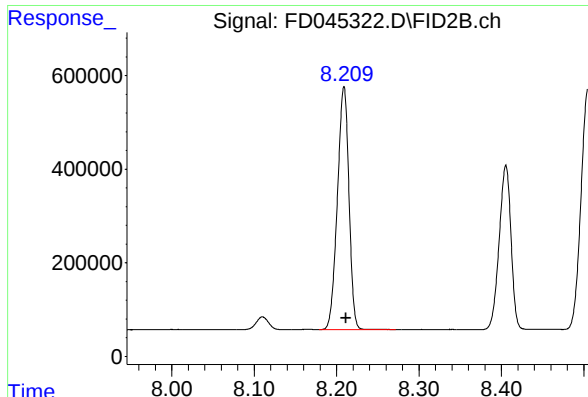
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 4724398
Conc: 29.73 ug/ml



#4 2-Bromonaphthalene (SURR)

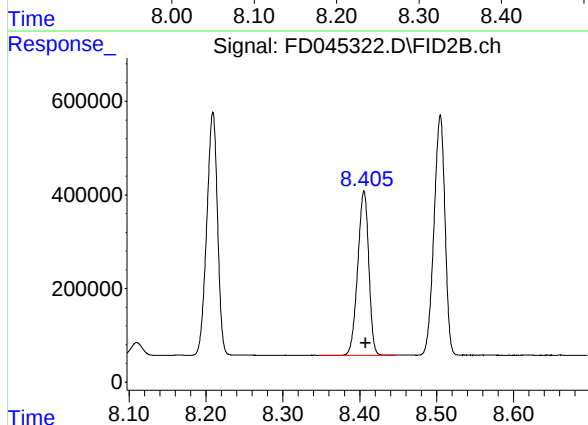
R.T.: 7.549 min
Delta R.T.: -0.003 min
Response: 5617434
Conc: 41.39 ug/ml



#5 Acenaphthylene (C15.06)

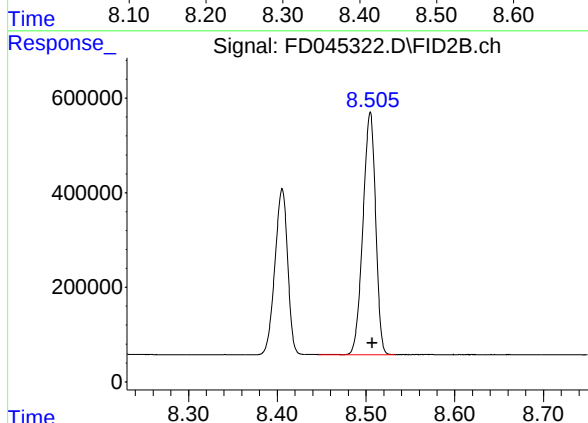
R.T.: 8.209 min
Delta R.T.: -0.003 min
Response: 5059999
Conc: 35.29 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151625BS



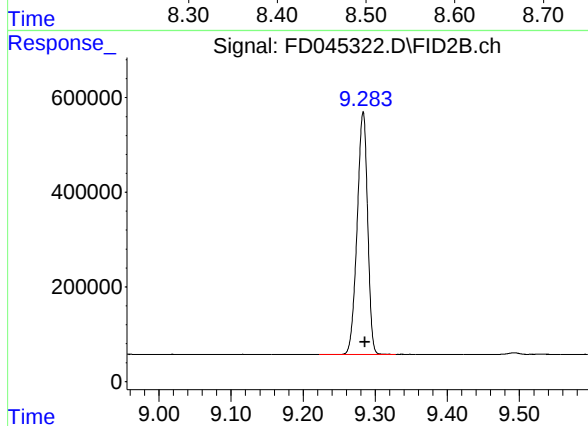
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: -0.002 min
Response: 3498749
Conc: 39.08 ug/ml



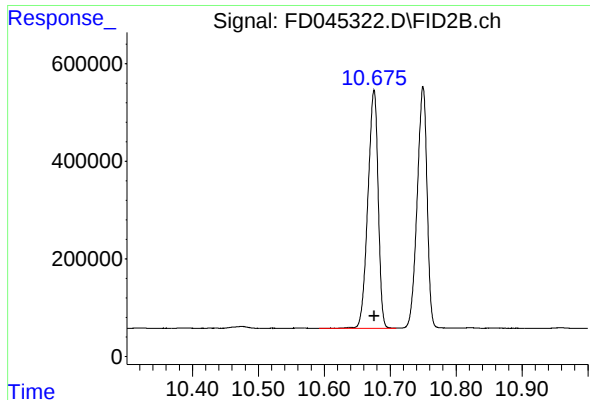
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: -0.002 min
Response: 5090715
Conc: 33.59 ug/ml



#8 Fluorene (C16.55)

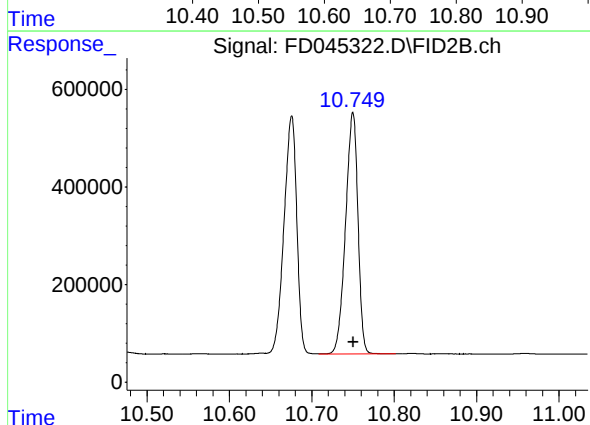
R.T.: 9.283 min
Delta R.T.: -0.002 min
Response: 5176398
Conc: 35.16 ug/ml



#9 Phenanthrene (C19.36)

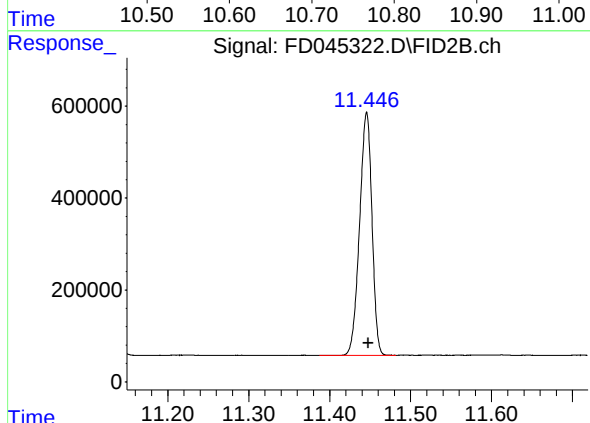
R.T.: 10.675 min
Delta R.T.: 0.000 min
Response: 5271376
Conc: 36.92 ug/ml

Instrument :
FID_D
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PB151625BS



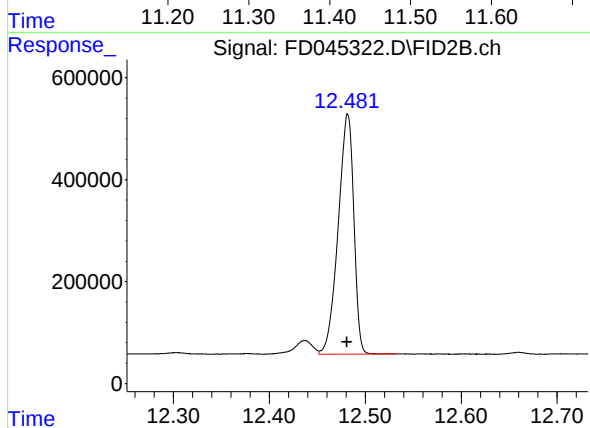
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.000 min
Response: 5149663
Conc: 36.75 ug/ml



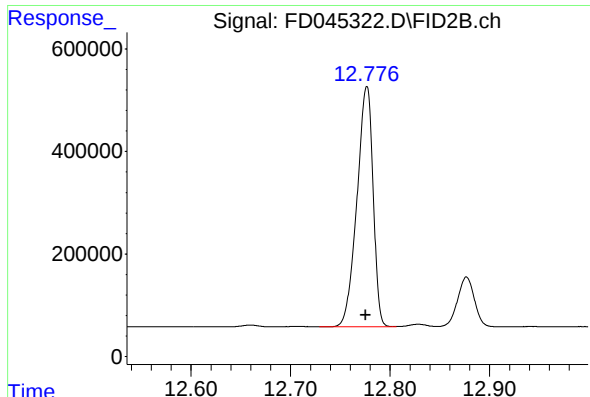
#11 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: -0.002 min
Response: 5623634
Conc: 33.78 ug/ml



#12 Fluoranthene (C21.85)

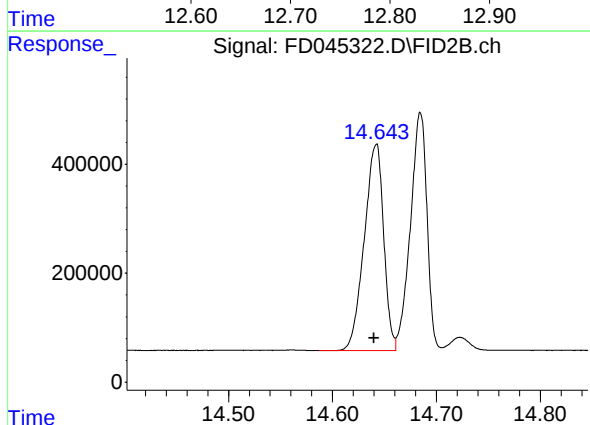
R.T.: 12.481 min
Delta R.T.: 0.000 min
Response: 5330135
Conc: 38.16 ug/ml



#13 Pyrene (C20.8)

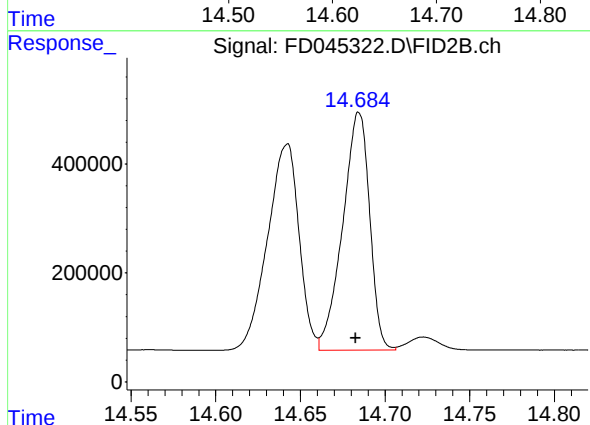
R.T.: 12.776 min
Delta R.T.: 0.000 min
Response: 5289126
Conc: 38.84 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151625BS



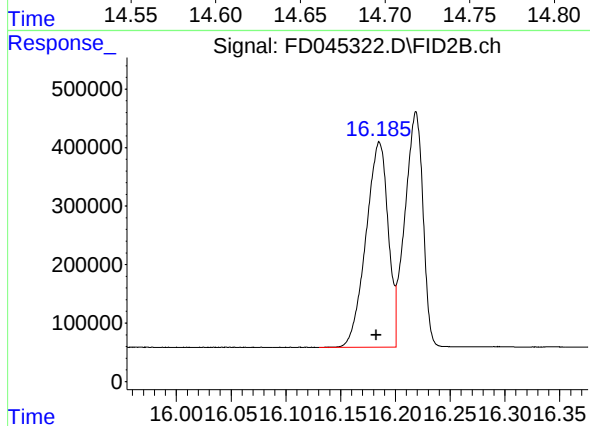
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.001 min
Response: 4915252
Conc: 38.56 ug/ml



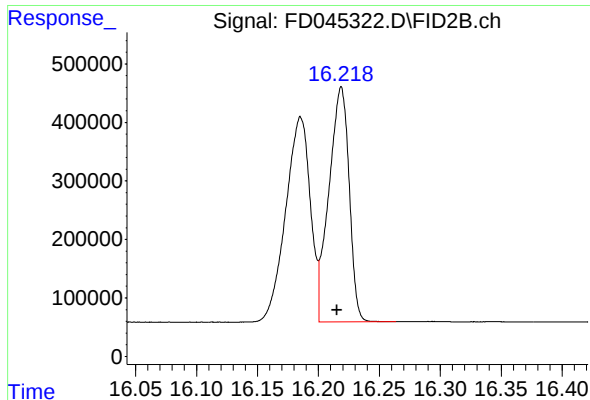
#15 Chrysene (C27.41)

R.T.: 14.684 min
Delta R.T.: 0.002 min
Response: 4843671
Conc: 37.17 ug/ml



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

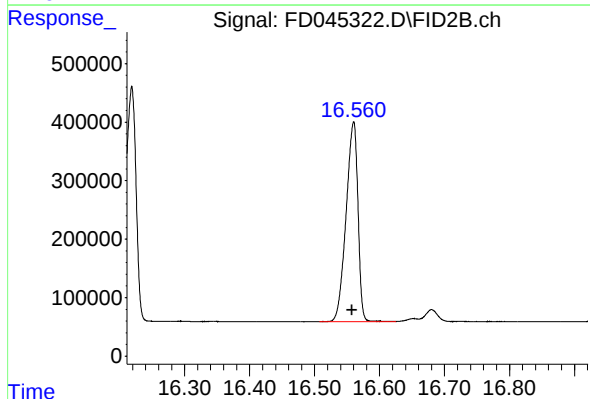
R.T.: 16.185 min
Delta R.T.: 0.003 min
Response: 4938356
Conc: 38.31 ug/ml



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

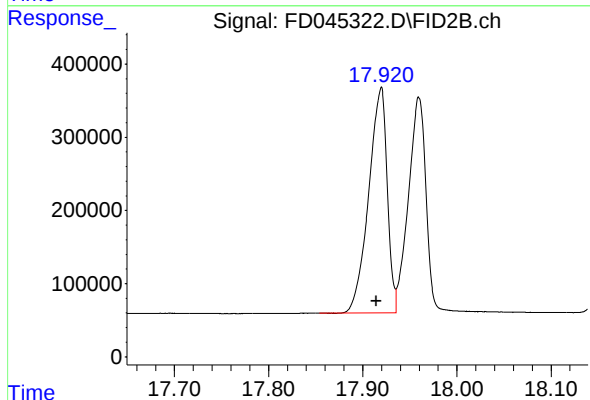
R.T.: 16.218 min
Delta R.T.: 0.003 min
Response: 4634353
Conc: 36.71 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151625BS



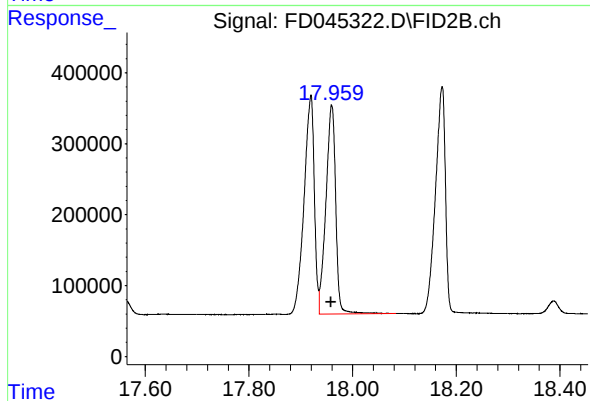
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.002 min
Response: 4330230
Conc: 34.41 ug/ml



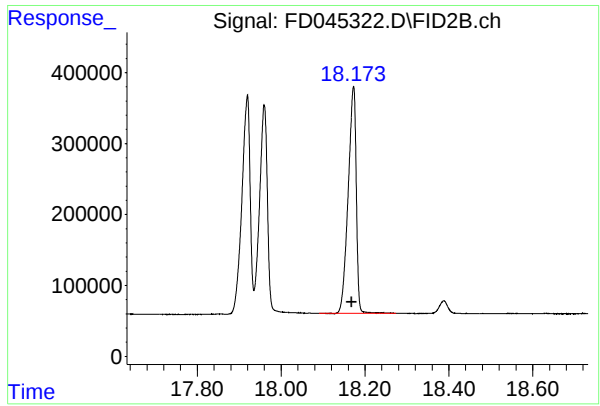
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.919 min
Delta R.T.: 0.004 min
Response: 4208923
Conc: 35.18 ug/ml



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

R.T.: 17.959 min
Delta R.T.: 0.001 min
Response: 3886057
Conc: 32.22 ug/ml



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

R.T.: 18.172 min

Delta R.T.: 0.004 min

Response: 4291693

Conc: 34.49 ug/ml

Instrument :

FID_D

ClientSampleId :

PB151625BS