

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050323AR\
 Data File : FD045568.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2023 18:14
 Operator : YP/AJ
 Sample : PB152543BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152543BS

Integration File: autoint1.e
 Quant Time: May 04 04:08:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 24 08:37:21 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...	7.546	6325756	43.754 ug/ml
Spiked Amount 50.000		Recovery =	87.51%
6) S 2-Fluorobiphenyl (SURR)	8.402	4019671	43.107 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.21%
11) S ortho-Terphenyl (SURR)	11.442	6475826	36.184 ug/ml
Spiked Amount 50.000		Recovery =	72.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.353	4703870	28.074 ug/ml
2) T Naphthalene (C11.7)	5.884	5374856	31.406 ug/ml
3) T 2-Methylnaphthalene (...)	6.933	5378201	31.789 ug/ml
5) T Acenaphthylene (C15.06)	8.206	5968121	39.451 ug/ml
7) T Acenaphthene (C15.5)	8.502	6370691	39.294 ug/ml
8) T Fluorene (C16.55)	9.281	6118646	39.723 ug/ml
9) T Phenanthrene (C19.36)	10.672	6071126	40.699 ug/ml
10) T Anthracene (C19.43)	10.747	5905258	45.716 ug/ml
12) T Fluoranthene (C21.85)	12.477	6044315	41.068 ug/ml
13) T Pyrene (C20.8)	12.773	6080147	42.385 ug/ml
14) T Benzo[a]anthracene (C...	14.637	5382492	41.074 ug/ml
15) T Chrysene (C27.41)	14.680	5268918	38.597 ug/ml
16) T benzo[b]fluoranthene ...	16.181	5488165	41.102 ug/ml
17) T Bnezo[k]fluoranthene ...	16.214	5177643	38.706 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.554	4697046	36.708 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912	4225631	33.639 ug/ml
20) T Dibenz[a,h]anthracene...	17.952	3923024	28.798 ug/ml
21) T Benzo[g,h,i]perylene ...	18.167	4870200	37.175 ug/ml

(f)=RT Delta > 1/2 Window

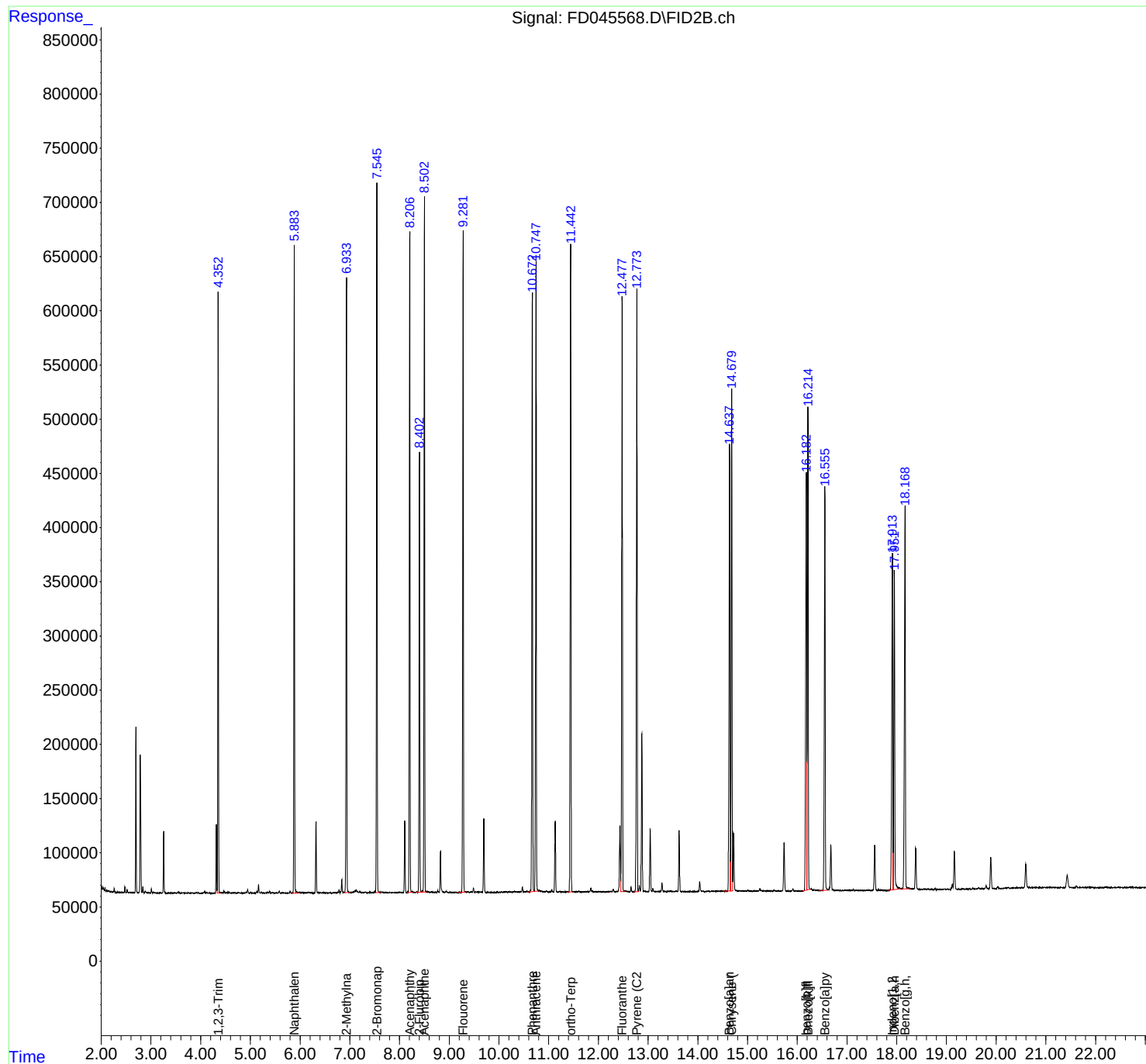
(m)=manual int.

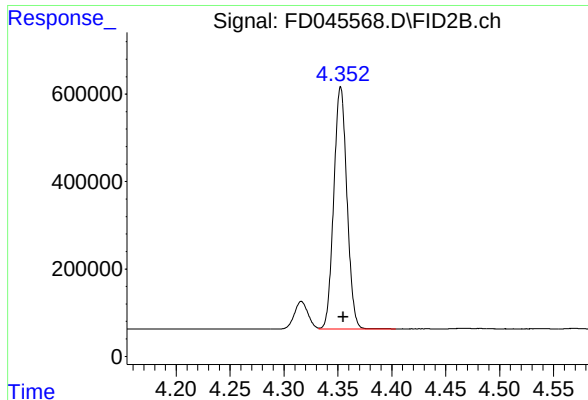
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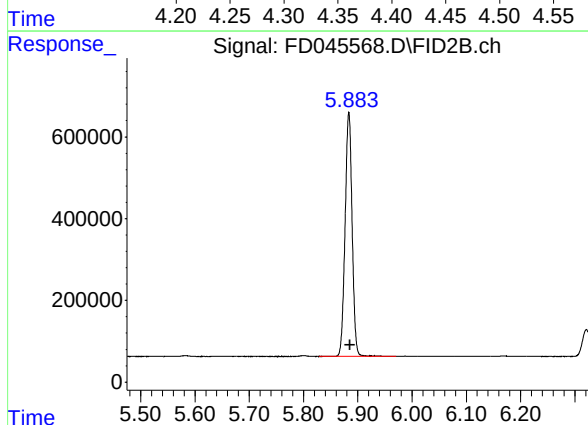




#1 1,2,3-Trimethylbenzene (C10.1)

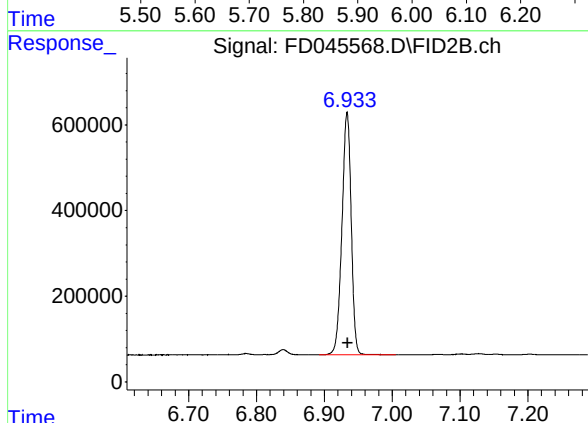
R.T.: 4.353 min
Delta R.T.: -0.002 min
Response: 4703870
Conc: 28.07 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152543BS



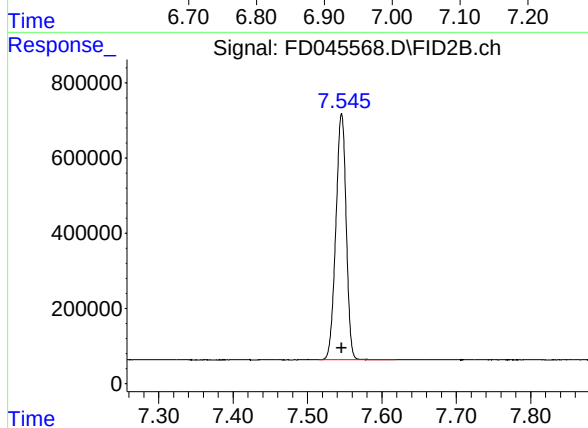
#2 Naphthalene (C11.7)

R.T.: 5.884 min
Delta R.T.: -0.002 min
Response: 5374856
Conc: 31.41 ug/ml



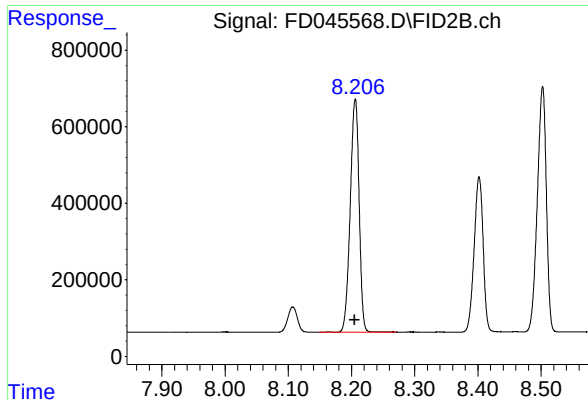
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.933 min
Delta R.T.: 0.000 min
Response: 5378201
Conc: 31.79 ug/ml



#4 2-Bromonaphthalene (SURR)

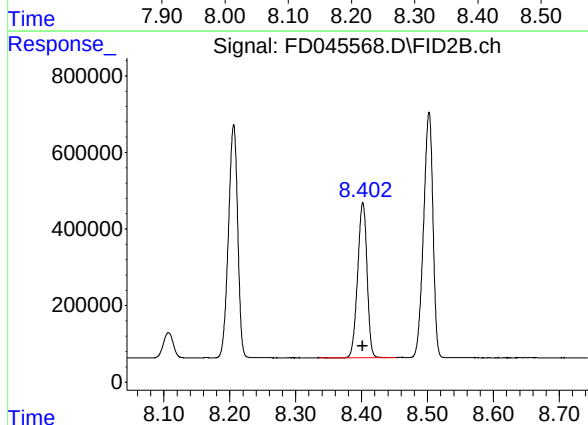
R.T.: 7.546 min
Delta R.T.: 0.000 min
Response: 6325756
Conc: 43.75 ug/ml



#5 Acenaphthylene (C15.06)

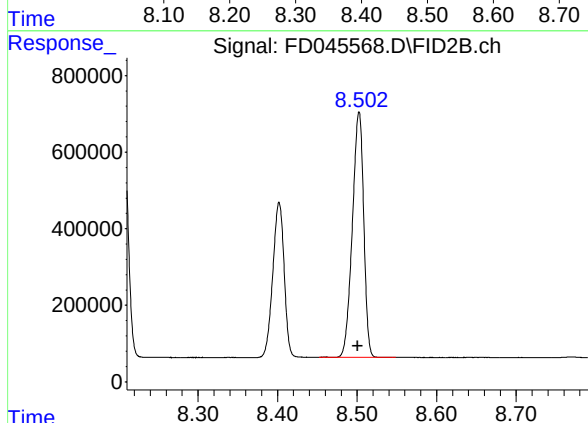
R.T.: 8.206 min
Delta R.T.: 0.000 min
Response: 5968121
Conc: 39.45 ug/ml

Instrument :
FID_D
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PB152543BS



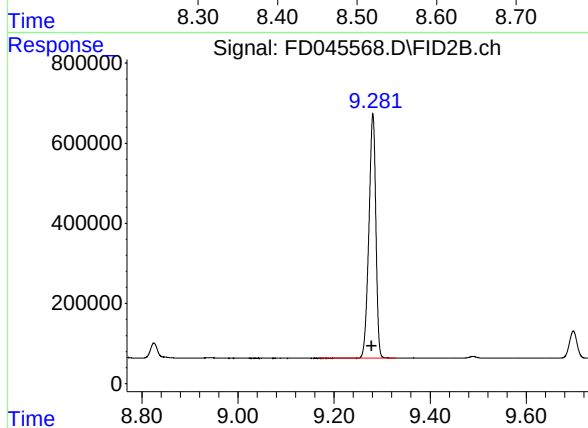
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 4019671
Conc: 43.11 ug/ml



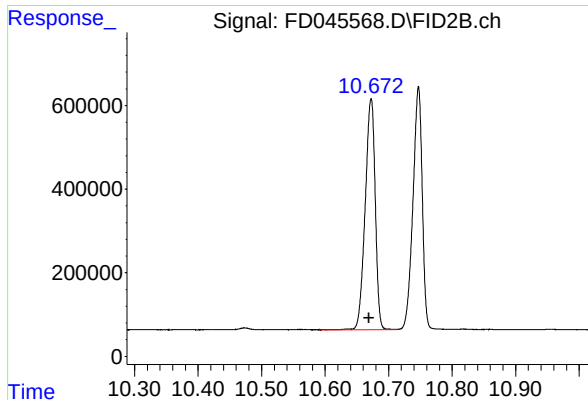
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: 0.002 min
Response: 6370691
Conc: 39.29 ug/ml



#8 Flouorene (C16.55)

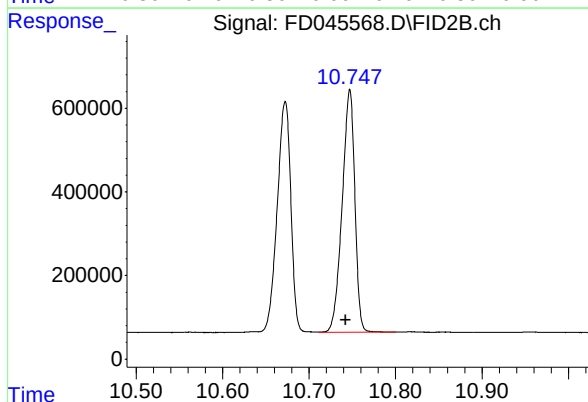
R.T.: 9.281 min
Delta R.T.: 0.002 min
Response: 6118646
Conc: 39.72 ug/ml



#9 Phenanthrene (C19.36)

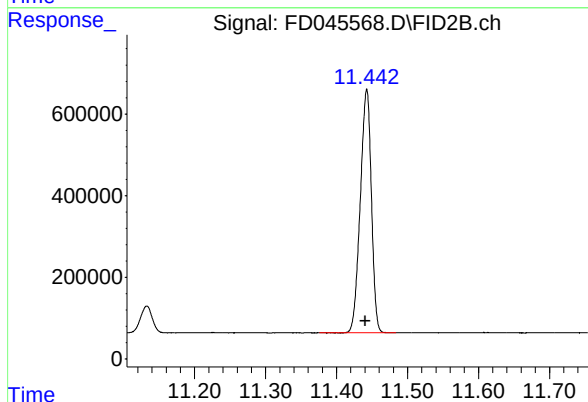
R.T.: 10.672 min
Delta R.T.: 0.003 min
Response: 6071126
Conc: 40.70 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152543BS



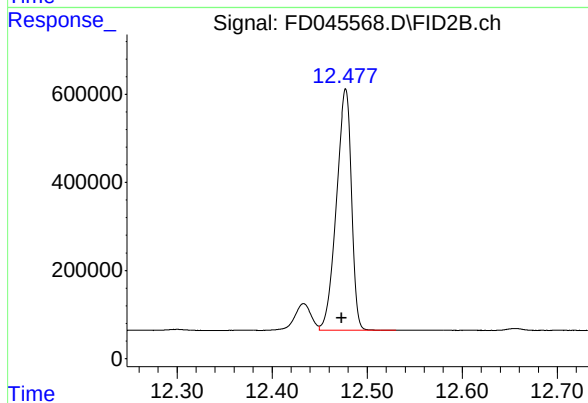
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: 0.004 min
Response: 5905258
Conc: 45.72 ug/ml



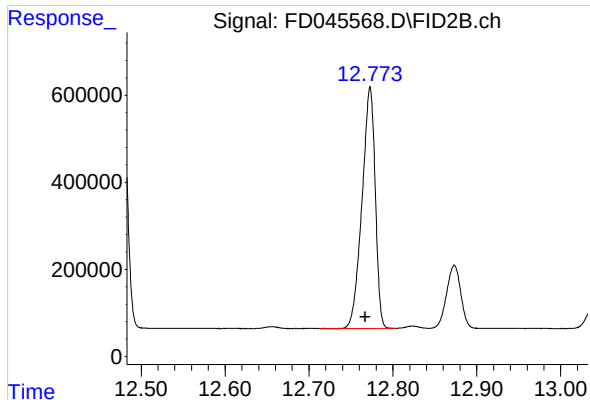
#11 ortho-Terphenyl (SURRE)

R.T.: 11.442 min
Delta R.T.: 0.002 min
Response: 6475826
Conc: 36.18 ug/ml



#12 Fluoranthene (C21.85)

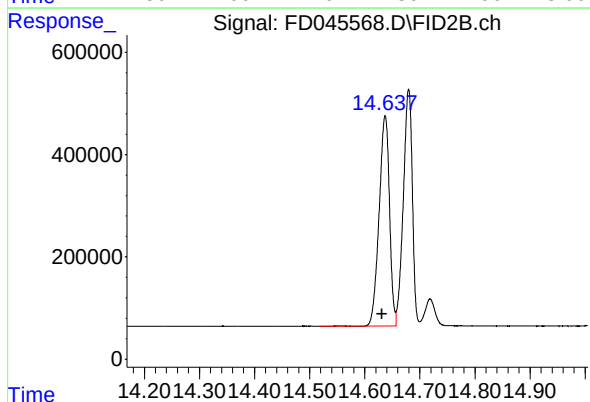
R.T.: 12.477 min
Delta R.T.: 0.004 min
Response: 6044315
Conc: 41.07 ug/ml



#13 Pyrene (C20.8)

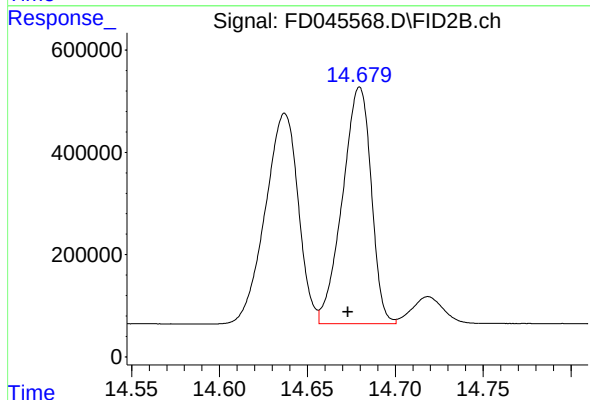
R.T.: 12.773 min
Delta R.T.: 0.005 min
Response: 6080147
Conc: 42.38 ug/ml

Instrument :
FID_D
ClientSampleId :
PB152543BS



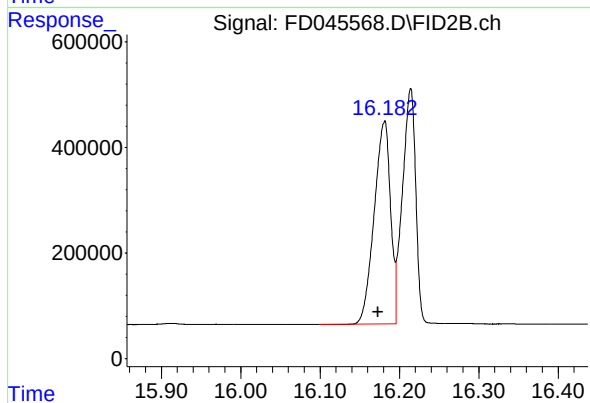
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: 0.005 min
Response: 5382492
Conc: 41.07 ug/ml



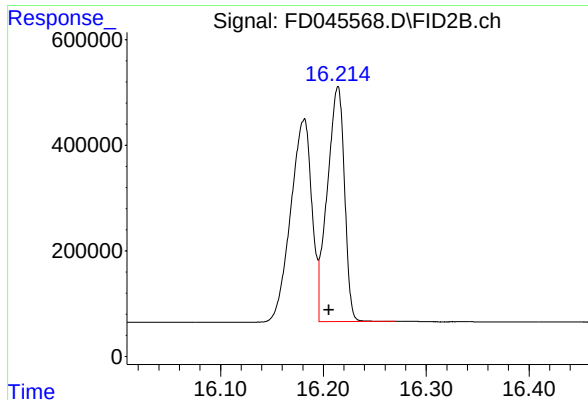
#15 Chrysene (C27.41)

R.T.: 14.680 min
Delta R.T.: 0.006 min
Response: 5268918
Conc: 38.60 ug/ml



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

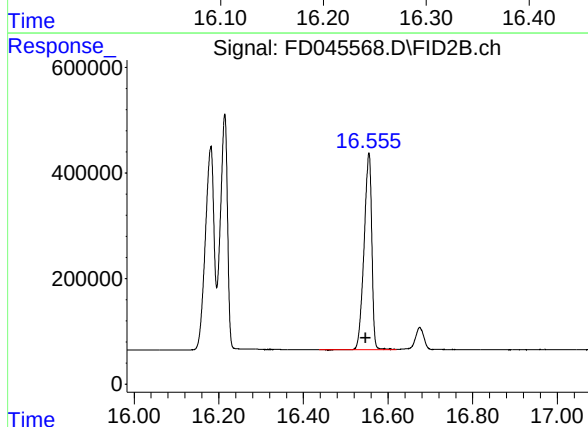
R.T.: 16.181 min
Delta R.T.: 0.008 min
Response: 5488165
Conc: 41.10 ug/ml



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

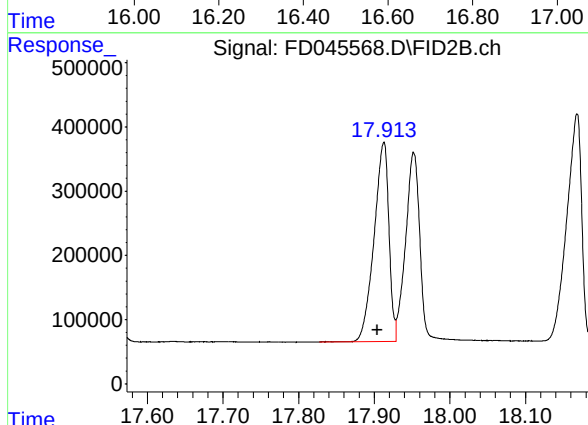
R.T.: 16.214 min
Delta R.T.: 0.008 min
Response: 5177643
Conc: 38.71 ug/ml

Instrument :
FID_D
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PB152543BS



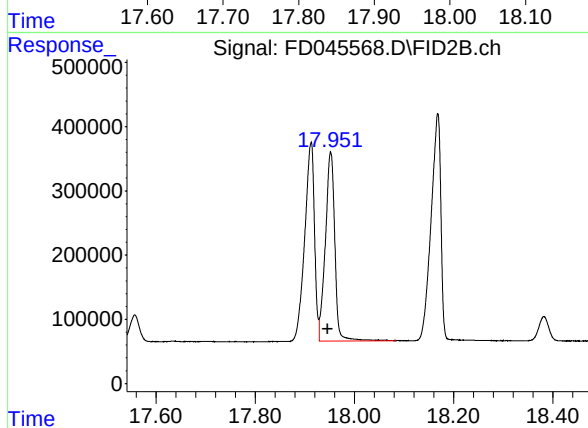
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.554 min
Delta R.T.: 0.007 min
Response: 4697046
Conc: 36.71 ug/ml



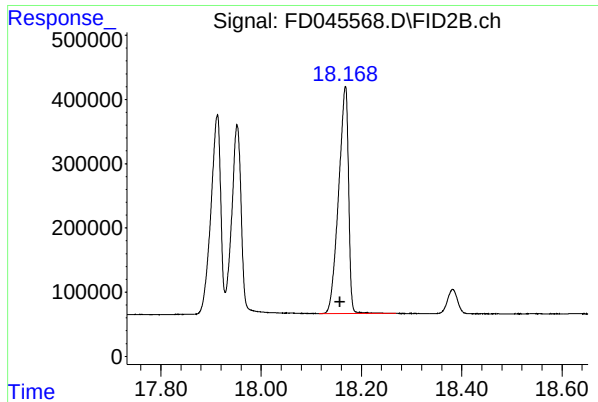
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.912 min
Delta R.T.: 0.008 min
Response: 4225631
Conc: 33.64 ug/ml



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

R.T.: 17.952 min
Delta R.T.: 0.006 min
Response: 3923024
Conc: 28.80 ug/ml



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

R.T.: 18.167 min

Delta R.T.: 0.010 min

Response: 4870200

Conc: 37.17 ug/ml

Instrument :

FID_D

ClientSampleId :

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