

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032423AR\
 Data File : FD045334.D
 Signal(s) : FID2B.ch
 Acq On : 24 Mar 2023 17:50
 Operator : YP/AJ
 Sample : PB151653BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151653BSD

Integration File: autoint1.e
 Quant Time: Mar 25 02:28:29 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	5273671	38.860 ug/ml
Spiked Amount 50.000		Recovery =	77.72%
6) S 2-Fluorobiphenyl (SURR)	8.404	3278507	36.617 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.23%
11) S ortho-Terphenyl (SURR)	11.445	5273728	31.683 ug/ml
Spiked Amount 50.000		Recovery =	63.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	3839999	25.355 ug/ml
2) T Naphthalene (C11.7)	5.886	4401908	27.864 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	4446252	27.978 ug/ml
5) T Acenaphthylene (C15.06)	8.208	4758191	33.184 ug/ml
7) T Acenaphthene (C15.5)	8.504	4775931	31.510 ug/ml
8) T Fluorene (C16.55)	9.283	4865517	33.047 ug/ml
9) T Phenanthrene (C19.36)	10.674	4920066	34.460 ug/ml
10) T Anthracene (C19.43)	10.749	4795197	34.220 ug/ml
12) T Fluoranthene (C21.85)	12.480	4950134	35.437 ug/ml
13) T Pyrene (C20.8)	12.775	4921159	36.138 ug/ml
14) T Benzo[a]anthracene (C...	14.640	4580248	35.931 ug/ml
15) T Chrysene (C27.41)	14.682	4504742	34.565 ug/ml
16) T benzo[b]fluoranthene ...	16.183	4579936	35.525 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	4350766	34.466 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	4060402	32.262 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.917	4130664	34.529 ug/ml
20) T Dibenz[a,h]anthracene...	17.958	3905728	32.380 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	4139269	33.267 ug/ml

(f)=RT Delta > 1/2 Window

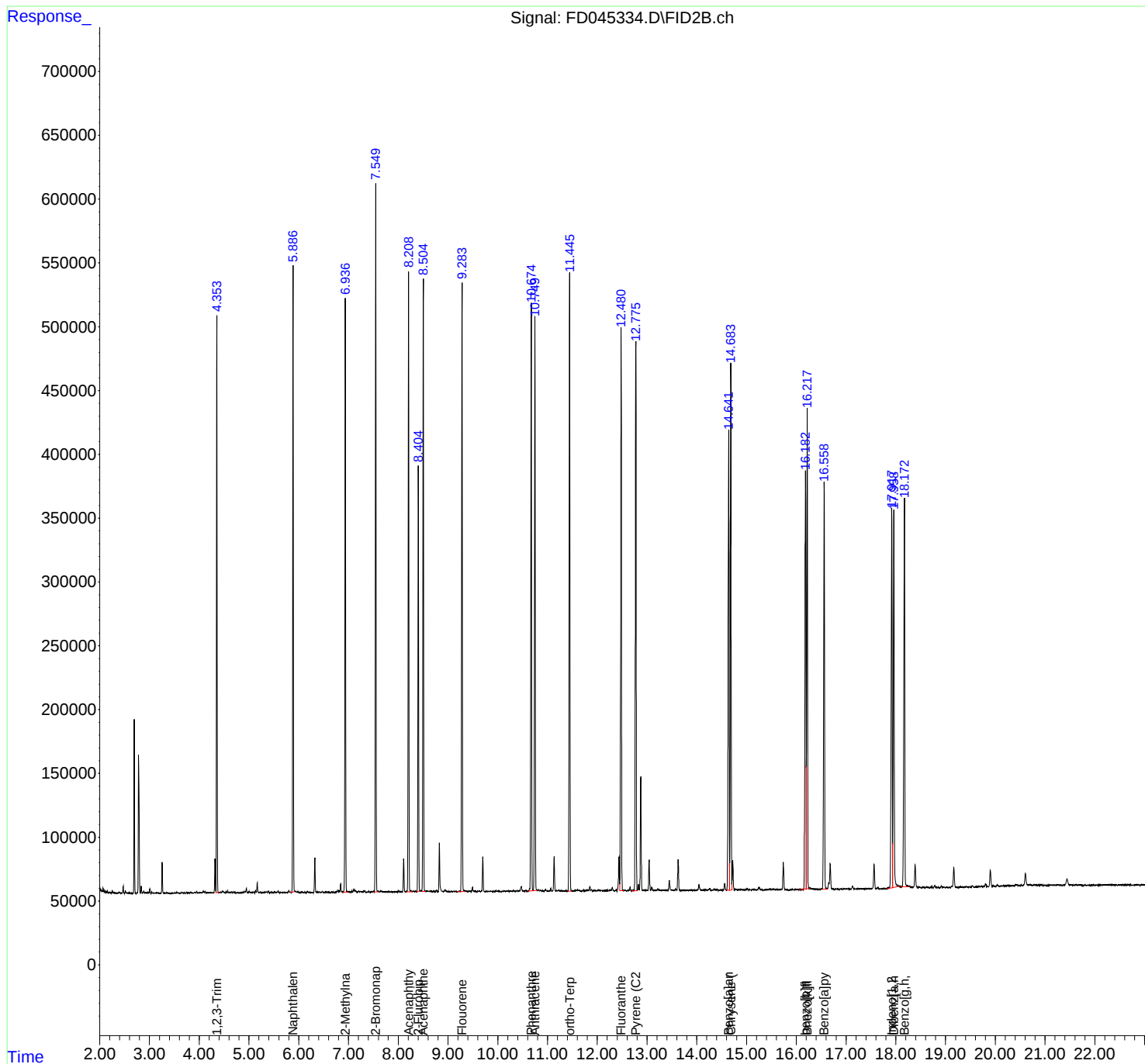
(m)=manual int.

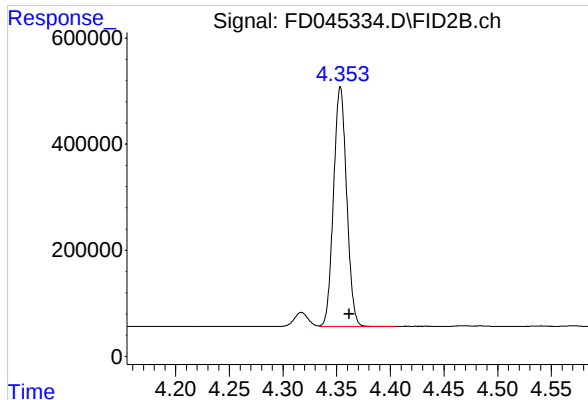
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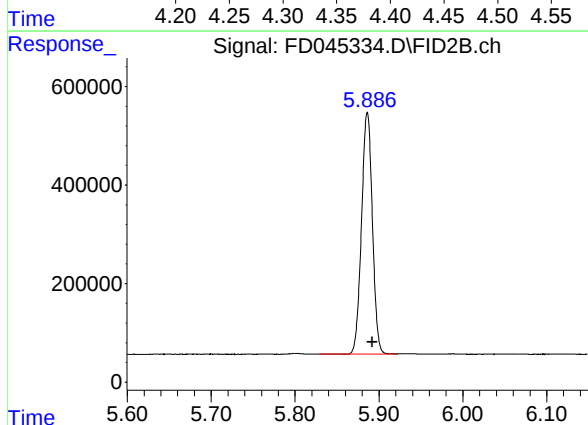




#1 1,2,3-Trimethylbenzene (C10.1)

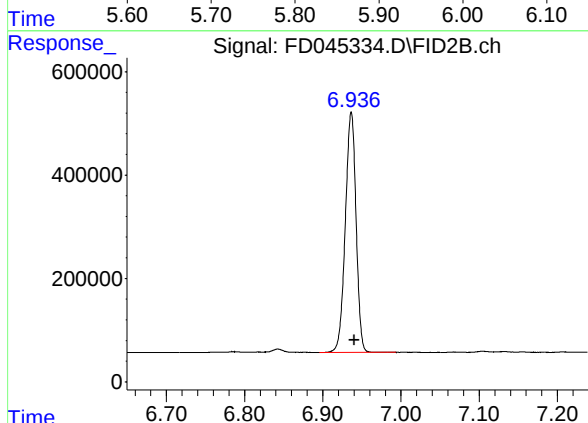
R.T.: 4.354 min
Delta R.T.: -0.008 min
Response: 3839999
Conc: 25.35 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151653BSD



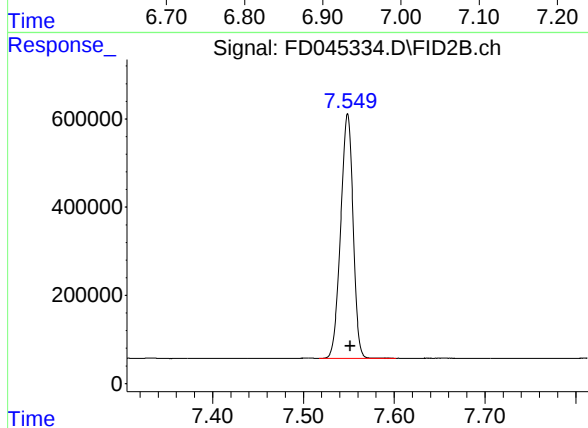
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.006 min
Response: 4401908
Conc: 27.86 ug/ml



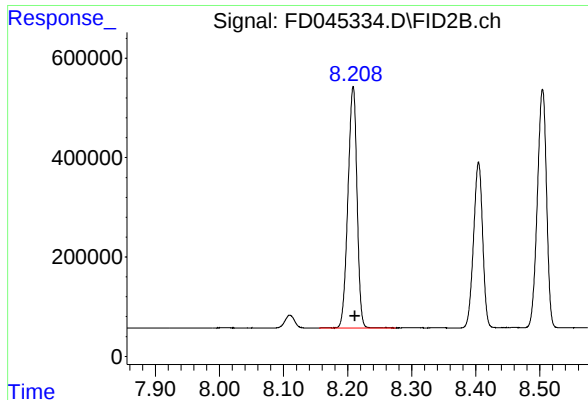
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 4446252
Conc: 27.98 ug/ml



#4 2-Bromonaphthalene (SURR)

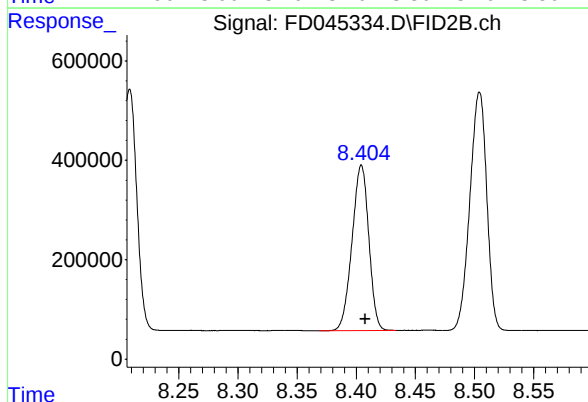
R.T.: 7.549 min
Delta R.T.: -0.003 min
Response: 5273671
Conc: 38.86 ug/ml



#5 Acenaphthylene (C15.06)

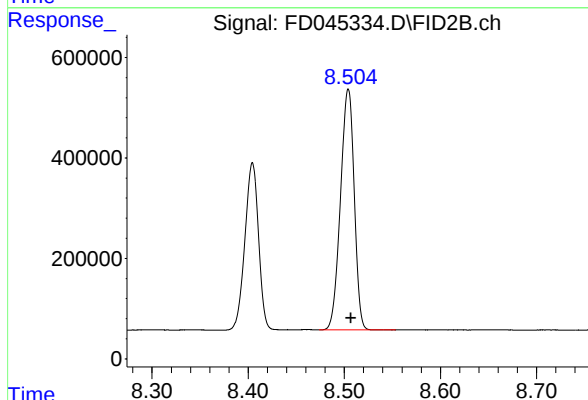
R.T.: 8.208 min
Delta R.T.: -0.003 min
Response: 4758191
Conc: 33.18 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151653BSD



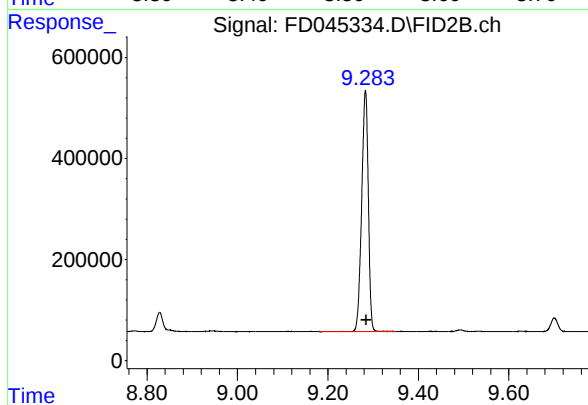
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: -0.003 min
Response: 3278507
Conc: 36.62 ug/ml



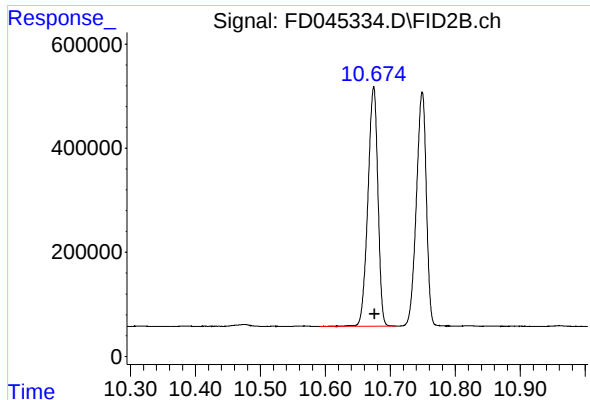
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 4775931
Conc: 31.51 ug/ml



#8 Fluorene (C16.55)

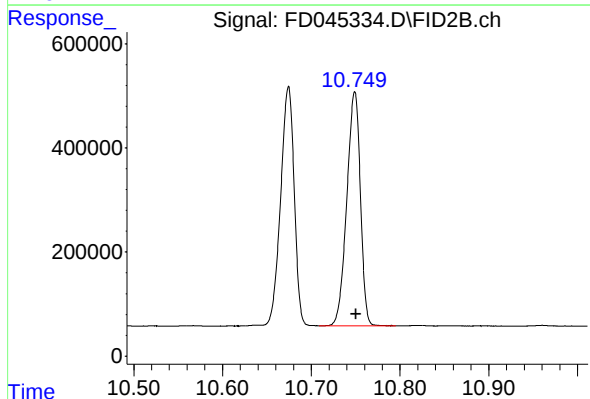
R.T.: 9.283 min
Delta R.T.: -0.003 min
Response: 4865517
Conc: 33.05 ug/ml



#9 Phenanthrene (C19.36)

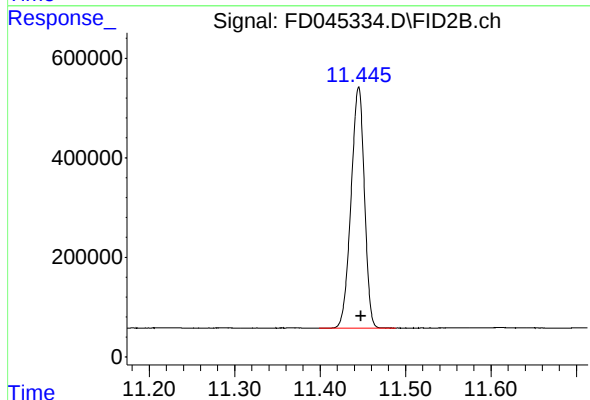
R.T.: 10.674 min
Delta R.T.: -0.002 min
Response: 4920066
Conc: 34.46 ug/ml

Instrument :
FID_D
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PB151653BSD



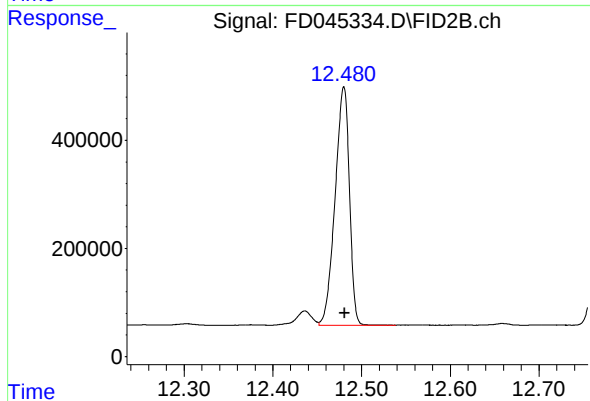
#10 Anthracene (C19.43)

R.T.: 10.749 min
Delta R.T.: -0.002 min
Response: 4795197
Conc: 34.22 ug/ml



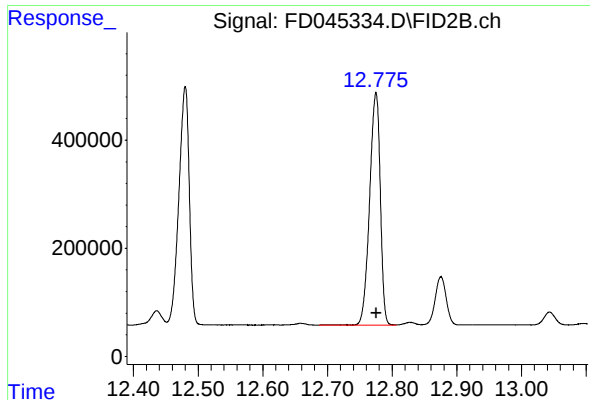
#11 ortho-Terphenyl (SURR)

R.T.: 11.445 min
Delta R.T.: -0.003 min
Response: 5273728
Conc: 31.68 ug/ml



#12 Fluoranthene (C21.85)

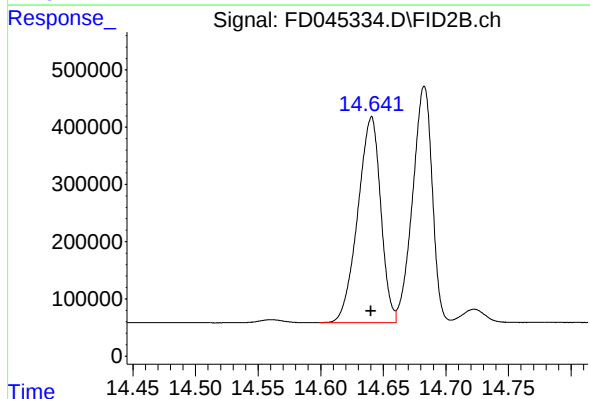
R.T.: 12.480 min
Delta R.T.: -0.001 min
Response: 4950134
Conc: 35.44 ug/ml



#13 Pyrene (C20.8)

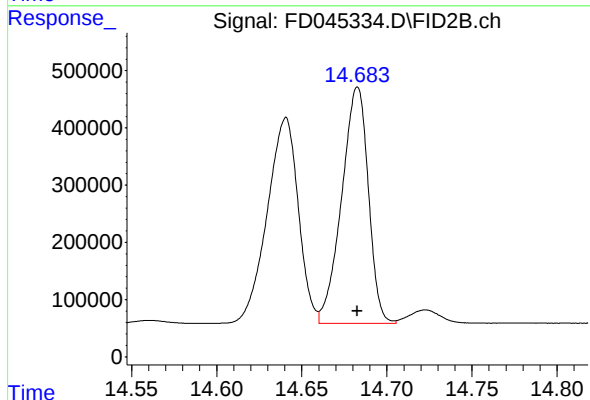
R.T.: 12.775 min
Delta R.T.: 0.000 min
Response: 4921159
Conc: 36.14 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151653BSD



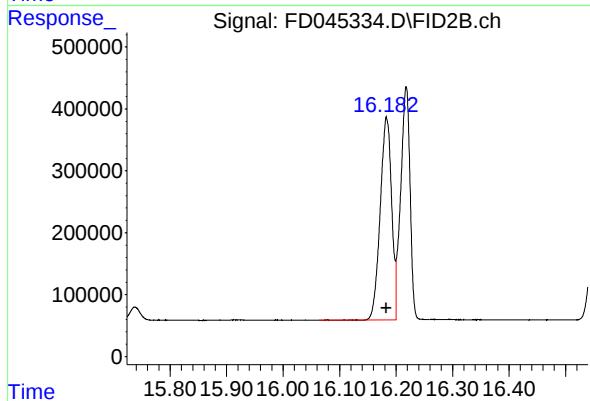
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.000 min
Response: 4580248
Conc: 35.93 ug/ml



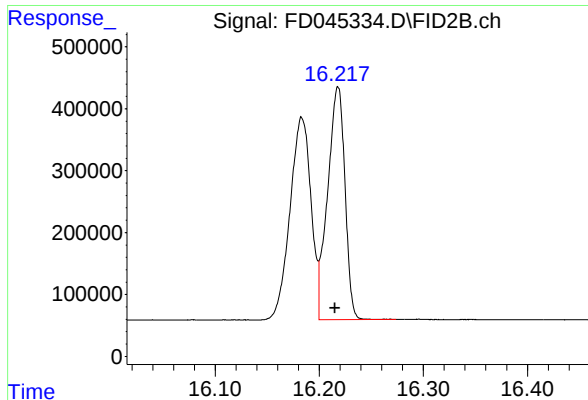
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.000 min
Response: 4504742
Conc: 34.56 ug/ml



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

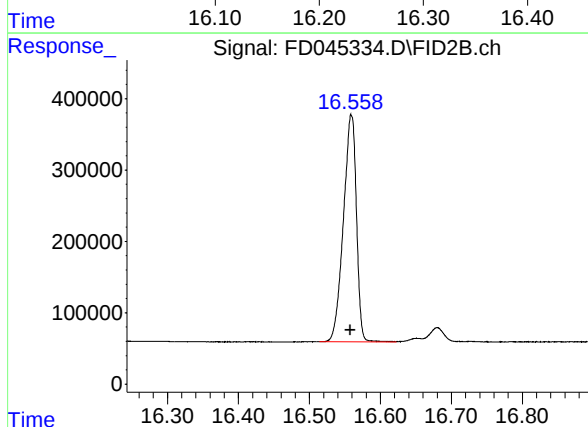
R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 4579936
Conc: 35.53 ug/ml



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

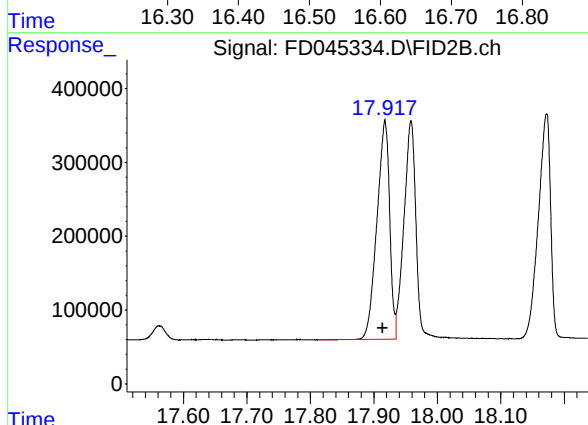
R.T.: 16.218 min
Delta R.T.: 0.002 min
Response: 4350766
Conc: 34.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151653BSD



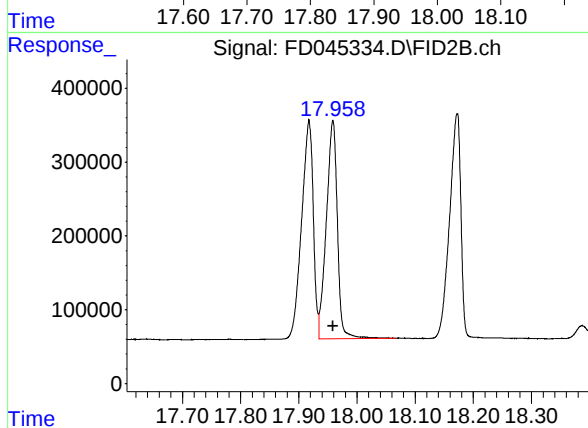
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.559 min
Delta R.T.: 0.001 min
Response: 4060402
Conc: 32.26 ug/ml



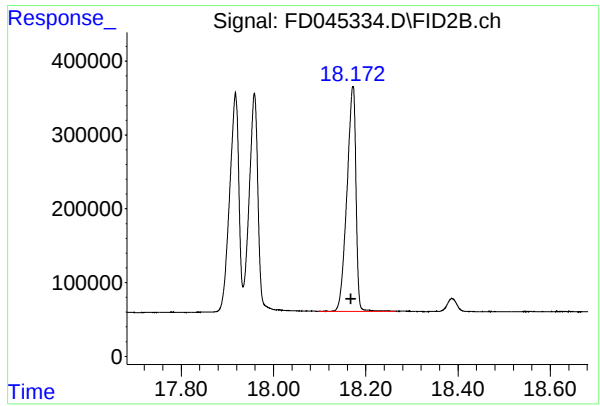
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.917 min
Delta R.T.: 0.003 min
Response: 4130664
Conc: 34.53 ug/ml



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

R.T.: 17.958 min
Delta R.T.: 0.000 min
Response: 3905728
Conc: 32.38 ug/ml



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

R.T.: 18.172 min
Delta R.T.: 0.003 min
Response: 4139269
Conc: 33.27 ug/ml

Instrument :

FID_D

ClientSampleId :

PB151653BSD