

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032323AR\
 Data File : FD045323.D
 Signal(s) : FID2B.ch
 Acq On : 23 Mar 2023 17:57
 Operator : YP/AJ
 Sample : PB151625BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB151625BSD

Integration File: autoint1.e
 Quant Time: Mar 24 01:35:06 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	5191433	38.254 ug/ml
Spiked Amount 50.000		Recovery =	76.51%
6) S 2-Fluorobiphenyl (SURR)	8.405	3242885	36.219 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.44%
11) S ortho-Terphenyl (SURR)	11.446	5201373	31.248 ug/ml
Spiked Amount 50.000		Recovery =	62.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	3778956	24.952 ug/ml
2) T Naphthalene (C11.7)	5.886	4327385	27.392 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	4369669	27.496 ug/ml
5) T Acenaphthylene (C15.06)	8.209	4683519	32.663 ug/ml
7) T Acenaphthene (C15.5)	8.504	4710231	31.076 ug/ml
8) T Fluorene (C16.55)	9.283	4806408	32.645 ug/ml
9) T Phenanthrene (C19.36)	10.675	4881212	34.188 ug/ml
10) T Anthracene (C19.43)	10.749	4763249	33.992 ug/ml
12) T Fluoranthene (C21.85)	12.480	4912532	35.167 ug/ml
13) T Pyrene (C20.8)	12.775	4876085	35.807 ug/ml
14) T Benzo[a]anthracene (C...	14.640	4555435	35.736 ug/ml
15) T Chrysene (C27.41)	14.683	4480928	34.382 ug/ml
16) T benzo[b]fluoranthene ...	16.185	4568676	35.438 ug/ml
17) T Bnezo[k]fluoranthene ...	16.218	4293688	34.014 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.560	4033776	32.050 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.918	4108993	34.348 ug/ml
20) T Dibenz[a,h]anthracene...	17.959	3890524	32.254 ug/ml
21) T Benzo[g,h,i]perylene ...	18.172	4117285	33.091 ug/ml

(f)=RT Delta > 1/2 Window

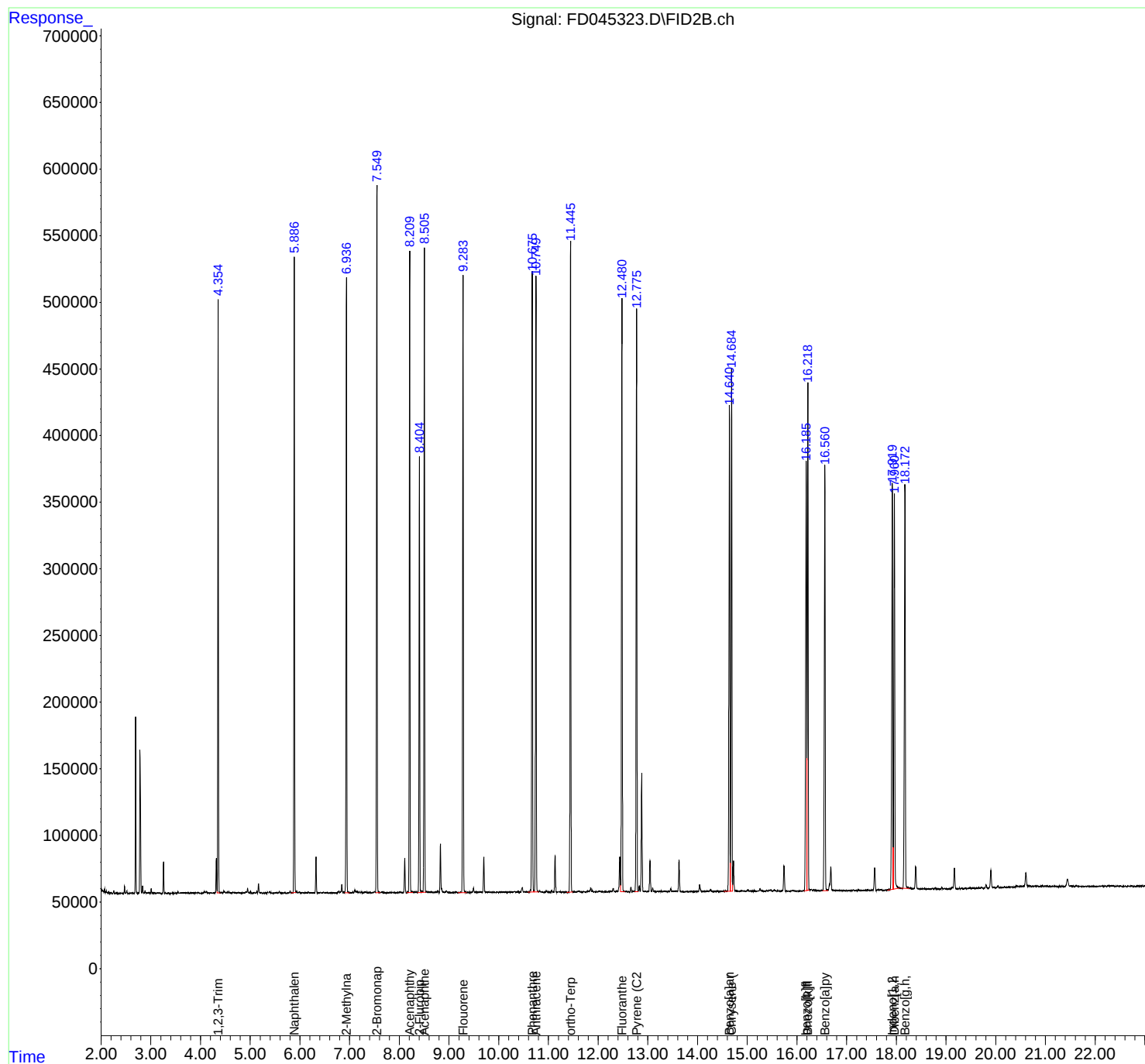
(m)=manual int.

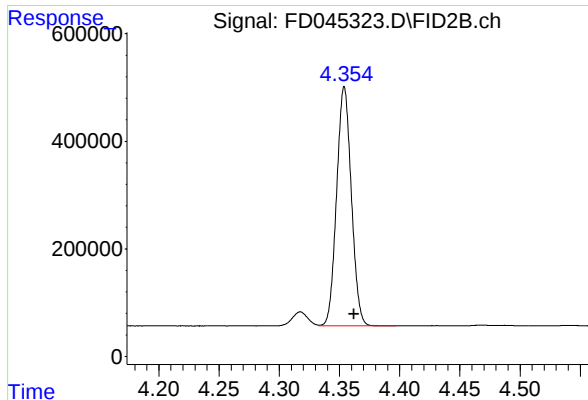
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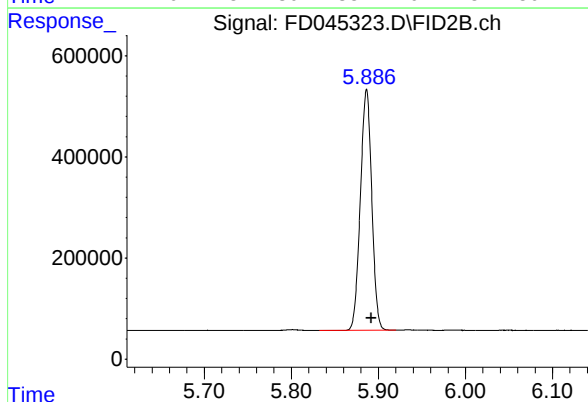




#1 1,2,3-Trimethylbenzene (C10.1)

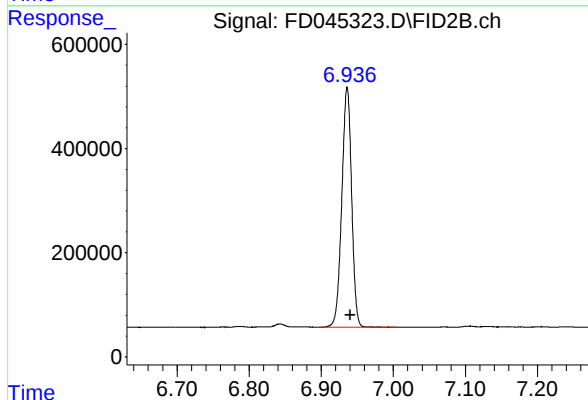
R.T.: 4.354 min
Delta R.T.: -0.008 min
Response: 3778956
Conc: 24.95 ug/ml

Instrument :
FID_D
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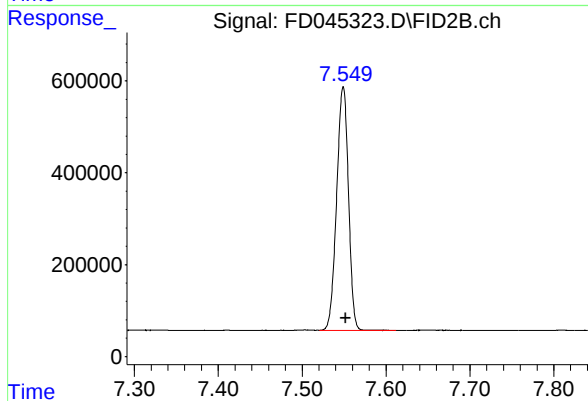
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.005 min
Response: 4327385
Conc: 27.39 ug/ml



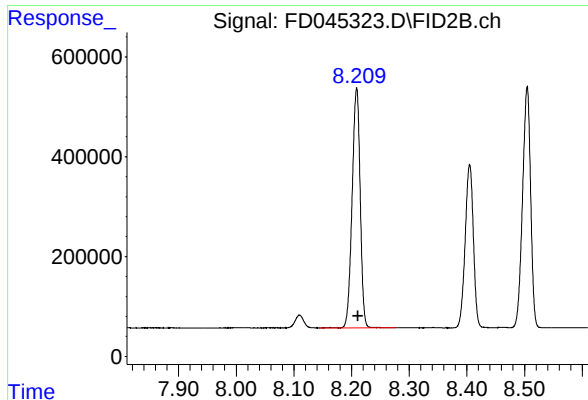
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.004 min
Response: 4369669
Conc: 27.50 ug/ml



#4 2-Bromonaphthalene (SURR)

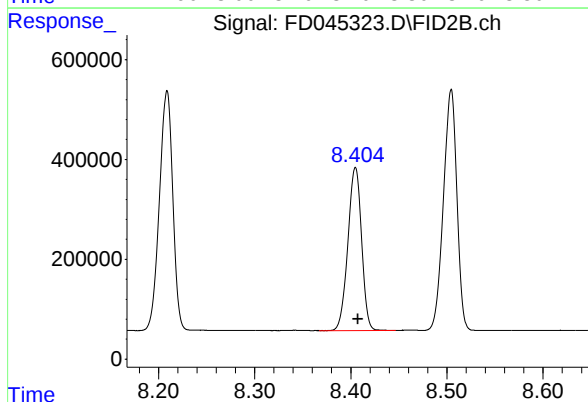
R.T.: 7.549 min
Delta R.T.: -0.003 min
Response: 5191433
Conc: 38.25 ug/ml



#5 Acenaphthylene (C15.06)

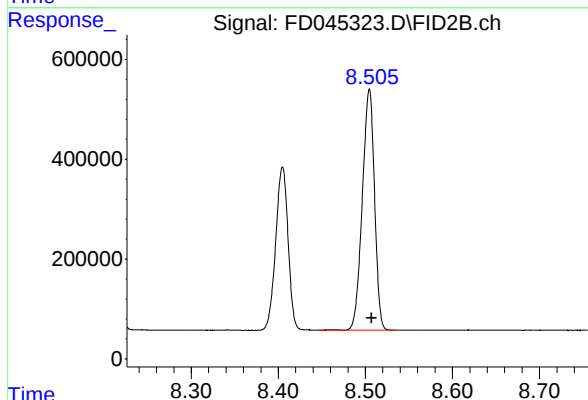
R.T.: 8.209 min
Delta R.T.: -0.003 min
Response: 4683519
Conc: 32.66 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151625BSD



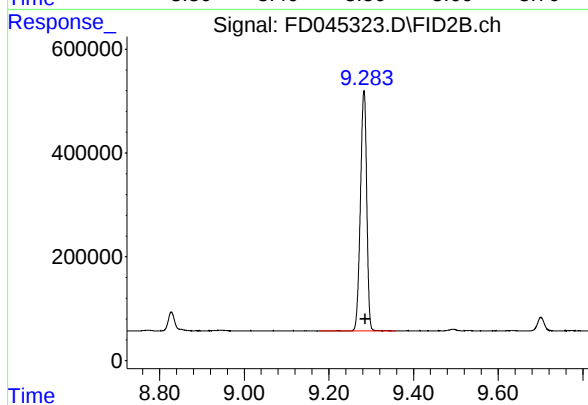
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.405 min
Delta R.T.: -0.003 min
Response: 3242885
Conc: 36.22 ug/ml



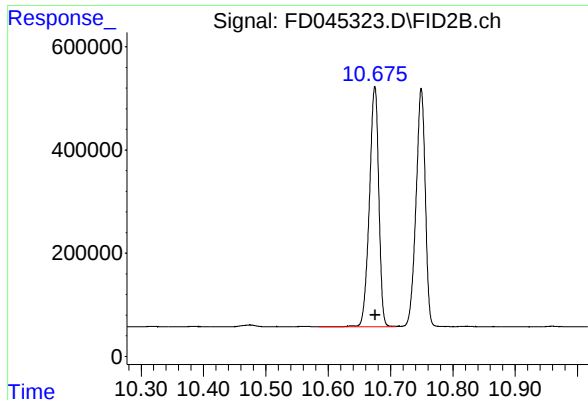
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 4710231
Conc: 31.08 ug/ml



#8 Flouorene (C16.55)

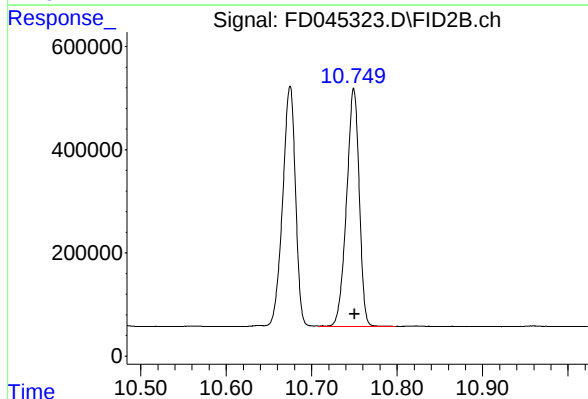
R.T.: 9.283 min
Delta R.T.: -0.003 min
Response: 4806408
Conc: 32.65 ug/ml



#9 Phenanthrene (C19.36)

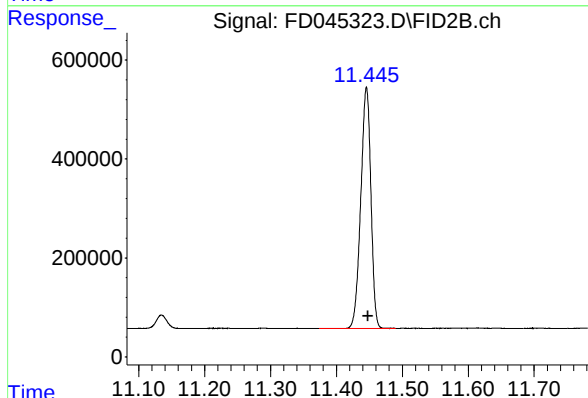
R.T.: 10.675 min
Delta R.T.: -0.001 min
Response: 4881212
Conc: 34.19 ug/ml

Instrument :
FID_D
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PB151625BSD



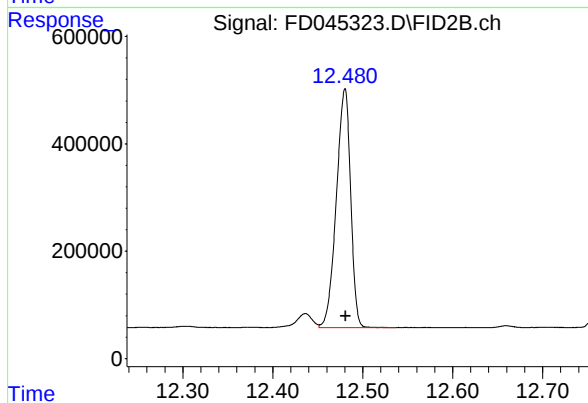
#10 Anthracene (C19.43)

R.T.: 10.749 min
Delta R.T.: -0.001 min
Response: 4763249
Conc: 33.99 ug/ml



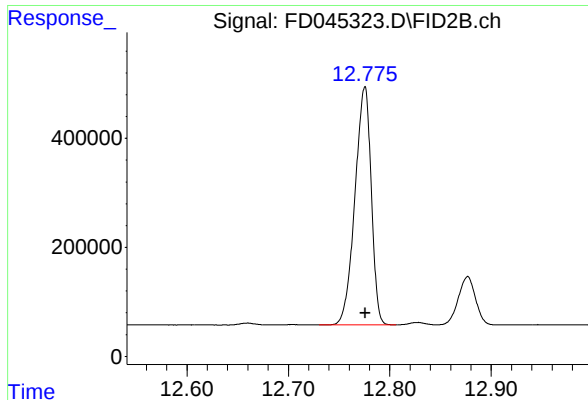
#11 ortho-Terphenyl (SURR)

R.T.: 11.446 min
Delta R.T.: -0.002 min
Response: 5201373
Conc: 31.25 ug/ml



#12 Fluoranthene (C21.85)

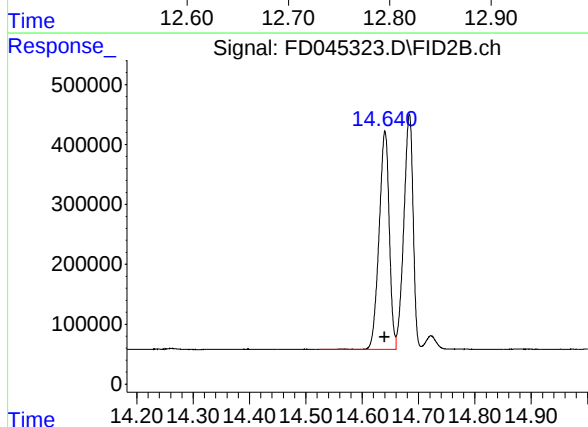
R.T.: 12.480 min
Delta R.T.: 0.000 min
Response: 4912532
Conc: 35.17 ug/ml



#13 Pyrene (C20.8)

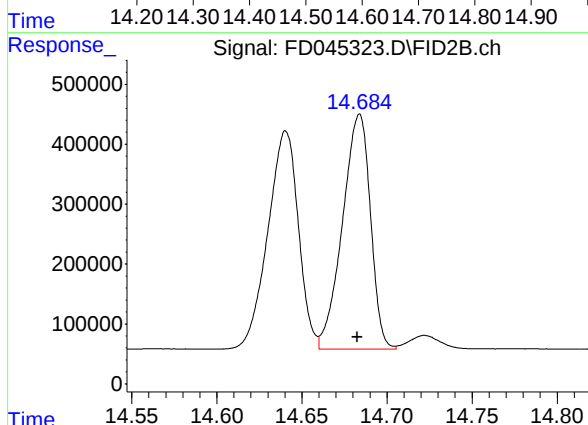
R.T.: 12.775 min
Delta R.T.: 0.000 min
Response: 4876085
Conc: 35.81 ug/ml

Instrument :
FID_D
ClientSampleId :
PB151625BSD



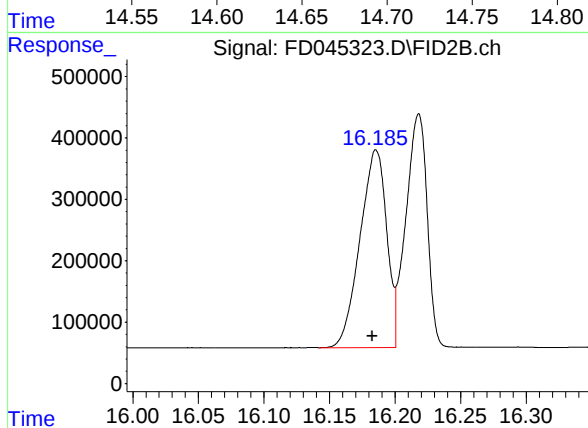
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: 0.000 min
Response: 4555435
Conc: 35.74 ug/ml



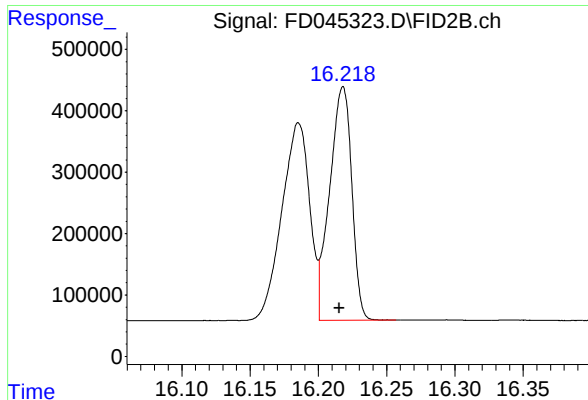
#15 Chrysene (C27.41)

R.T.: 14.683 min
Delta R.T.: 0.000 min
Response: 4480928
Conc: 34.38 ug/ml



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

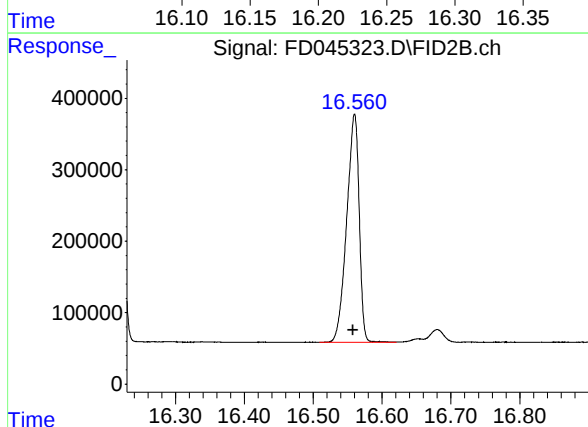
R.T.: 16.185 min
Delta R.T.: 0.003 min
Response: 4568676
Conc: 35.44 ug/ml



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

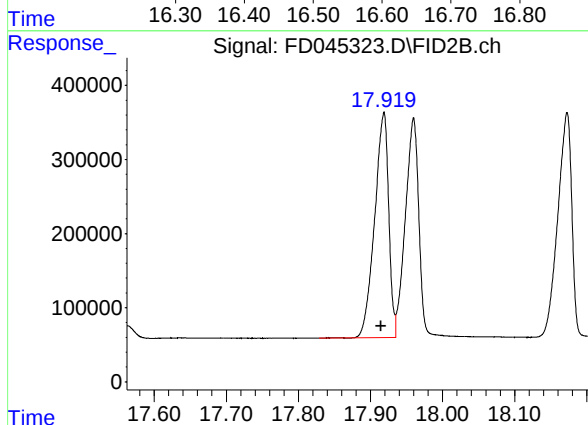
R.T.: 16.218 min
Delta R.T.: 0.002 min
Response: 4293688
Conc: 34.01 ug/ml

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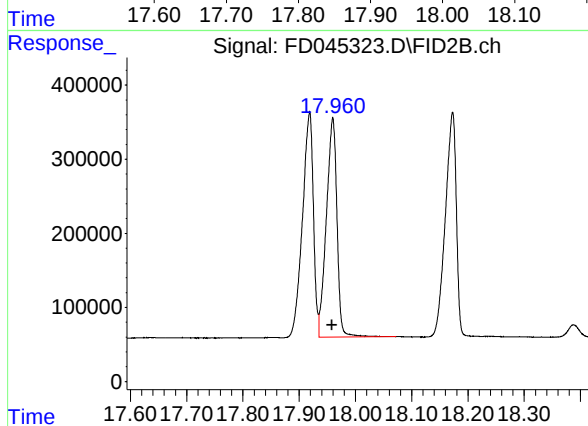
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.560 min
Delta R.T.: 0.002 min
Response: 4033776
Conc: 32.05 ug/ml



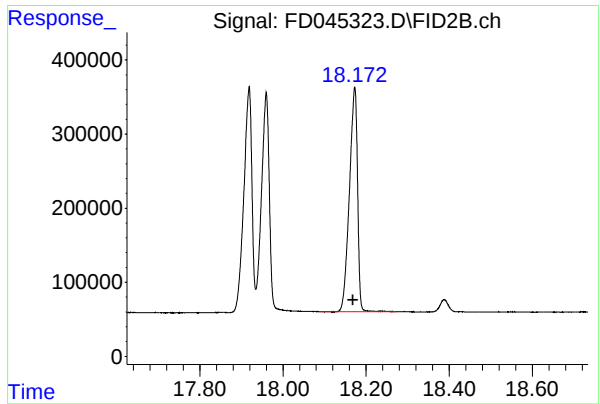
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.918 min
Delta R.T.: 0.004 min
Response: 4108993
Conc: 34.35 ug/ml



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

R.T.: 17.959 min
Delta R.T.: 0.001 min
Response: 3890524
Conc: 32.25 ug/ml



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

R.T.: 18.172 min
Delta R.T.: 0.004 min
Response: 4117285
Conc: 33.09 ug/ml

Instrument :

FID_D

ClientSampleId :

PB151625BSD