

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052324AR\
 Data File : FD047837.D
 Signal(s) : FID2B.ch
 Acq On : 24 May 2024 00:44
 Operator : YP/AJ
 Sample : PB161073BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB161073BS

Integration File: autoint1.e
 Quant Time: May 24 04:14:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 2024
 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...	7.456	9543055	67.975 ug/ml
Spiked Amount 50.000		Recovery =	135.95%
6) S 2-Fluorobiphenyl (SURR)	8.310	5875275	63.440 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	126.88%
11) S ortho-Terphenyl (SURR)	11.352	9485085	59.324 ug/ml
Spiked Amount 50.000		Recovery =	118.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.267	7091645	44.901 ug/ml
2) T Naphthalene (C11.7)	5.792	8294271	50.814 ug/ml
3) T 2-Methylnaphthalene (...)	6.843	8539596	51.824 ug/ml
5) T Acenaphthylene (C15.06)	8.113	8984460	54.969 ug/ml
7) T Acenaphthene (C15.5)	8.410	8831317	54.087 ug/ml
8) T Fluorene (C16.55)	9.189	9167107	58.272 ug/ml
9) T Phenanthrene (C19.36)	10.580	9470955	61.417 ug/ml
10) T Anthracene (C19.43)	10.656	9200807	61.203 ug/ml
12) T Fluoranthene (C21.85)	12.388	9702896	63.938 ug/ml
13) T Pyrene (C20.8)	12.683	9833472	65.228 ug/ml
14) T Benzo[a]anthracene (C...	14.553	9077564	66.219 ug/ml
15) T Chrysene (C27.41)	14.598	9009017	61.153 ug/ml
16) T benzo[b]fluoranthene ...	16.102	8862436	62.970 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	8709358	63.955 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.480	8566891	61.892 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	8812955	76.447 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	8239250	61.789 ug/ml
21) T Benzo[g,h,i]perylene ...	18.101	8056547	60.581 ug/ml

(f)=RT Delta > 1/2 Window

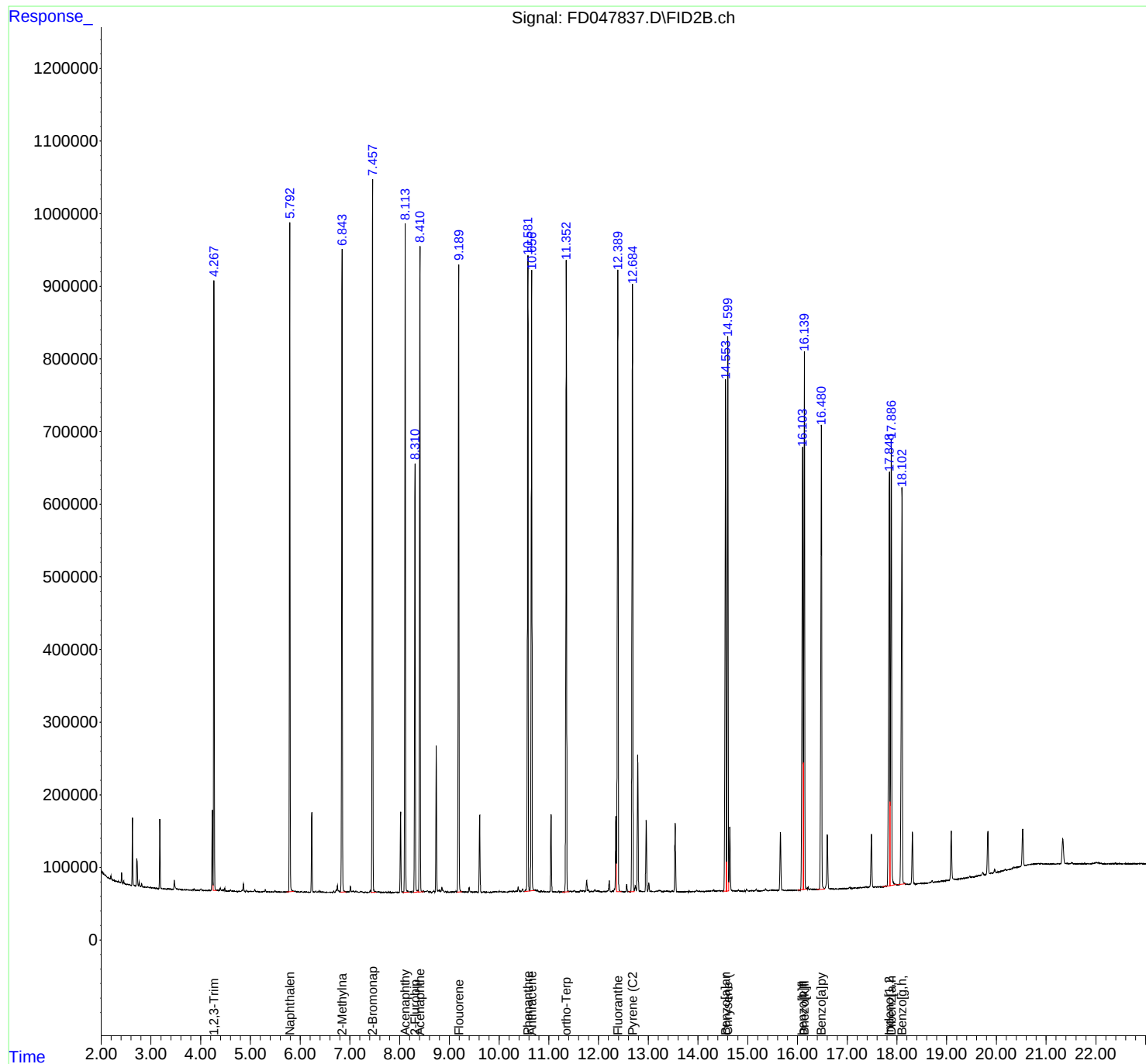
(m)=manual int.

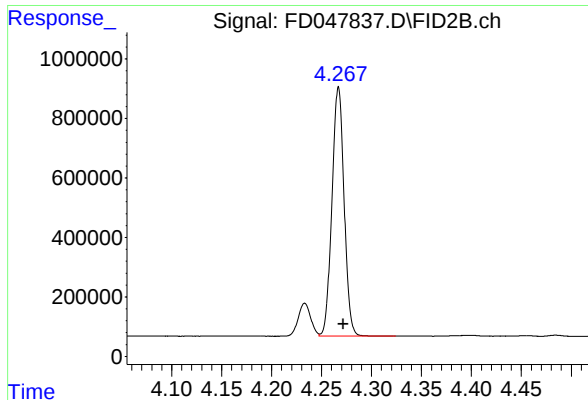
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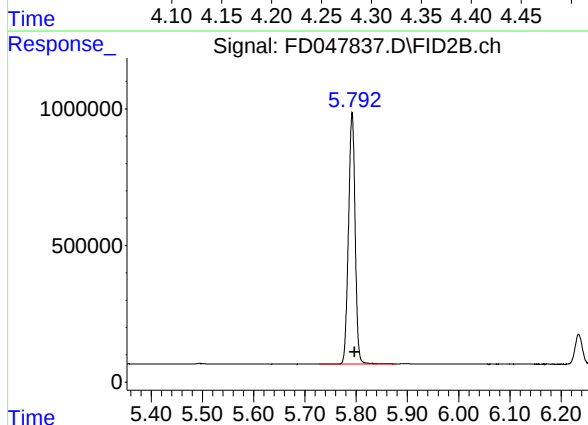




#1 1,2,3-Trimethylbenzene (C10.1)

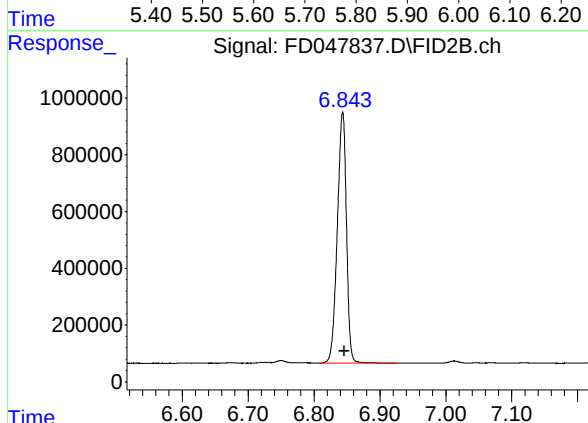
R.T.: 4.267 min
Delta R.T.: -0.005 min
Response: 7091645
Conc: 44.90 ug/ml

Instrument :
FID_D
ClientSampleId :
PB161073BS



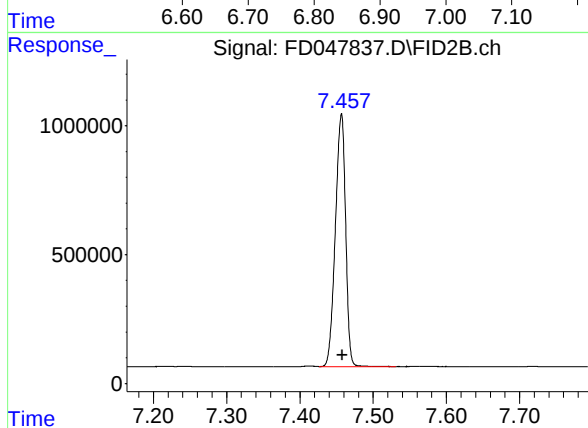
#2 Naphthalene (C11.7)

R.T.: 5.792 min
Delta R.T.: -0.005 min
Response: 8294271
Conc: 50.81 ug/ml



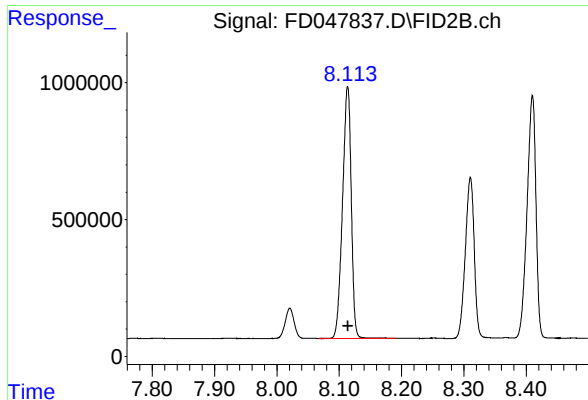
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.843 min
Delta R.T.: -0.003 min
Response: 8539596
Conc: 51.82 ug/ml



#4 2-Bromonaphthalene (SURR)

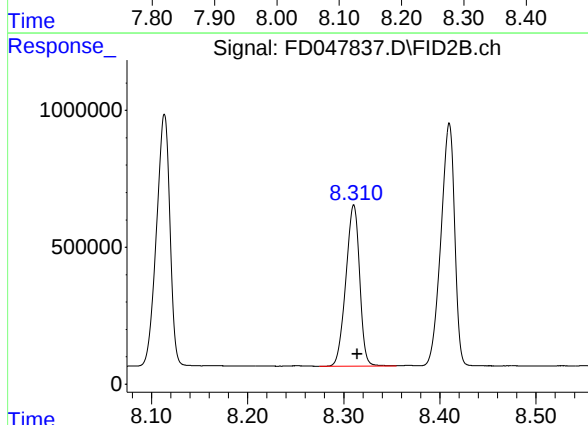
R.T.: 7.456 min
Delta R.T.: -0.002 min
Response: 9543055
Conc: 67.97 ug/ml



#5 Acenaphthylene (C15.06)

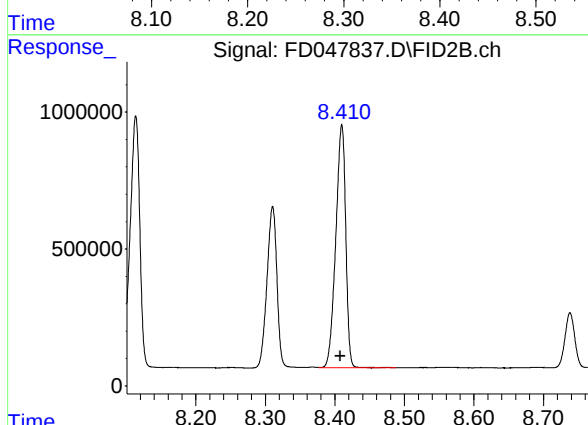
R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 8984460
Conc: 54.97 ug/ml

Instrument :
FID_D
ClientSampleId :
PB161073BS



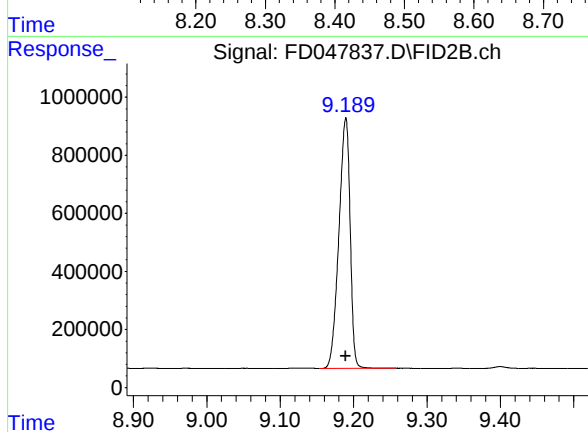
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.310 min
Delta R.T.: -0.004 min
Response: 5875275
Conc: 63.44 ug/ml



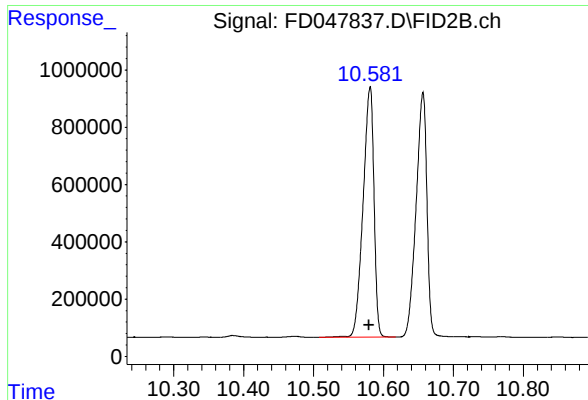
#7 Acenaphthene (C15.5)

R.T.: 8.410 min
Delta R.T.: 0.002 min
Response: 8831317
Conc: 54.09 ug/ml



#8 Flouorene (C16.55)

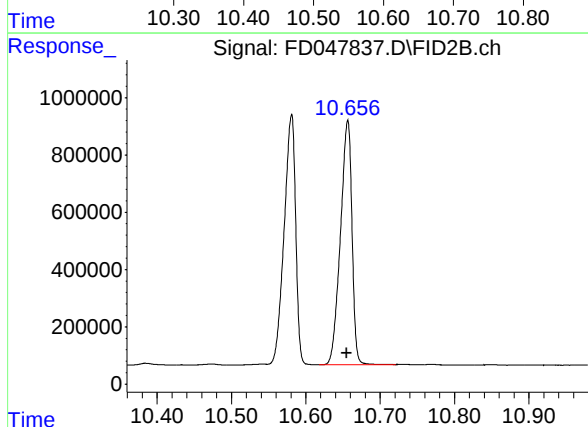
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 9167107
Conc: 58.27 ug/ml



#9 Phenanthrene (C19.36)

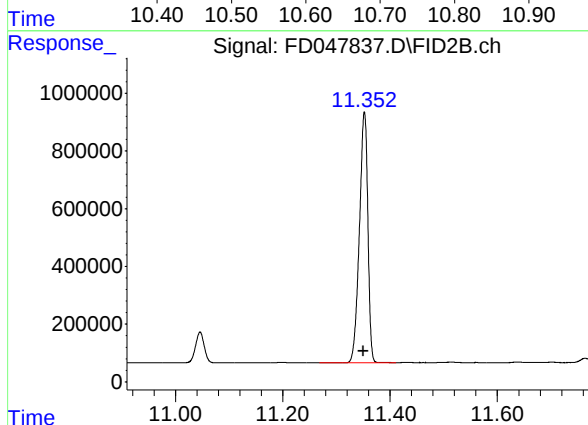
R.T.: 10.580 min
Delta R.T.: 0.001 min
Response: 9470955
Conc: 61.42 ug/ml

Instrument :
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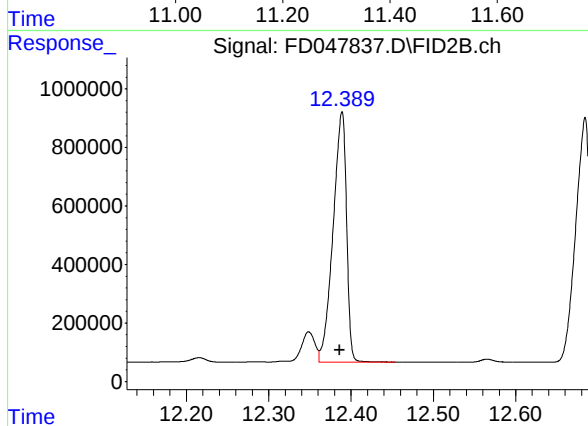
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: 0.001 min
Response: 9200807
Conc: 61.20 ug/ml



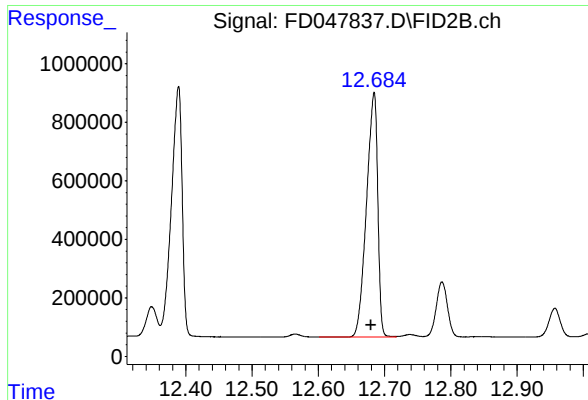
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.002 min
Response: 9485085
Conc: 59.32 ug/ml



#12 Fluoranthene (C21.85)

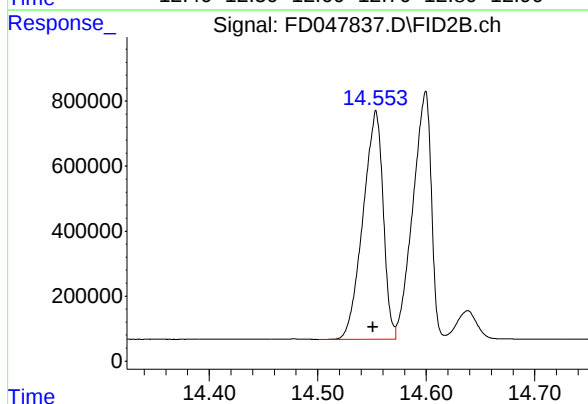
R.T.: 12.388 min
Delta R.T.: 0.002 min
Response: 9702896
Conc: 63.94 ug/ml



#13 Pyrene (C20.8)

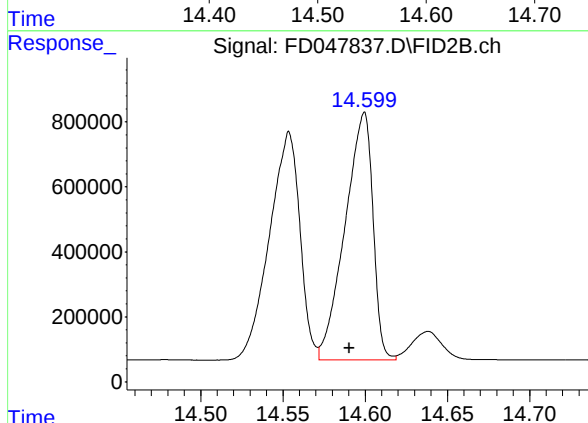
R.T.: 12.683 min
Delta R.T.: 0.004 min
Response: 9833472
Conc: 65.23 ug/ml

Instrument :
FID_D
ClientSampleId :
PB161073BS



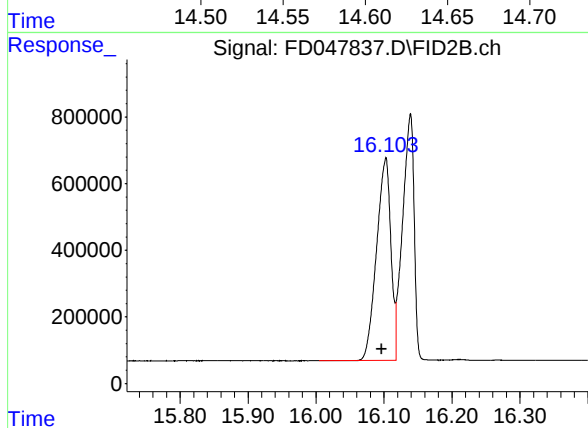
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.553 min
Delta R.T.: 0.002 min
Response: 9077564
Conc: 66.22 ug/ml



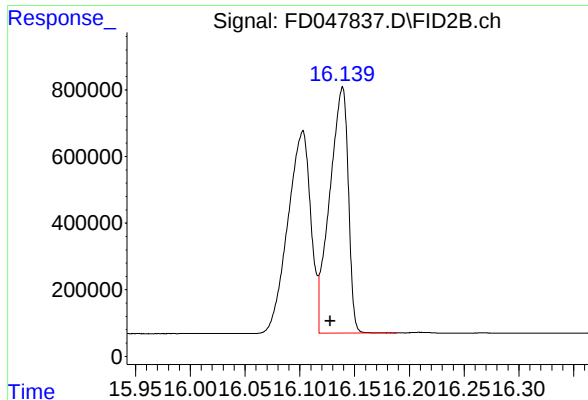
#15 Chrysene (C27.41)

R.T.: 14.598 min
Delta R.T.: 0.008 min
Response: 9009017
Conc: 61.15 ug/ml



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

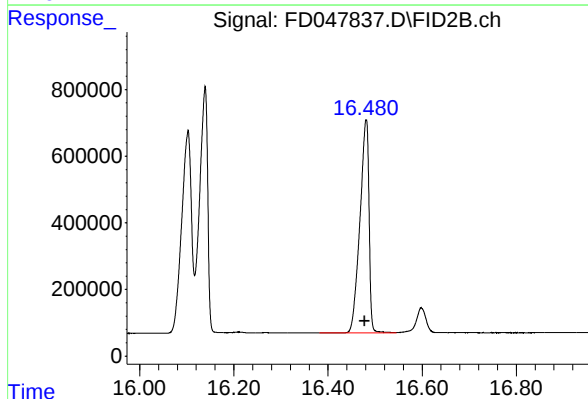
R.T.: 16.102 min
Delta R.T.: 0.005 min
Response: 8862436
Conc: 62.97 ug/ml



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

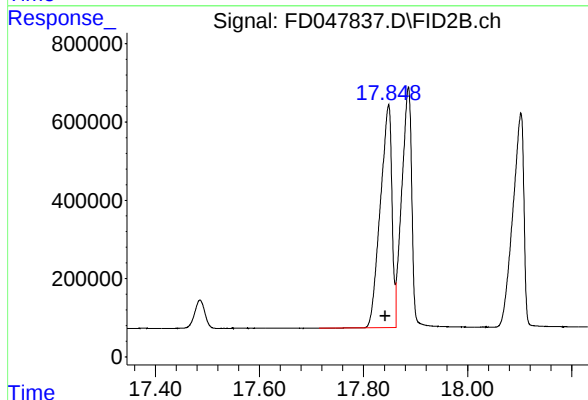
R.T.: 16.138 min
Delta R.T.: 0.010 min
Response: 8709358
Conc: 63.96 ug/ml

Instrument :
FID_D
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PB161073BS



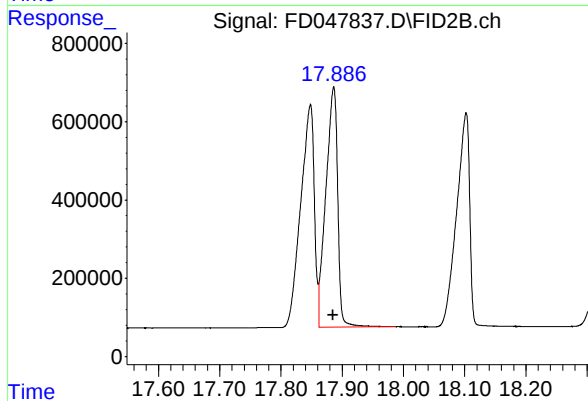
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.480 min
Delta R.T.: 0.003 min
Response: 8566891
Conc: 61.89 ug/ml



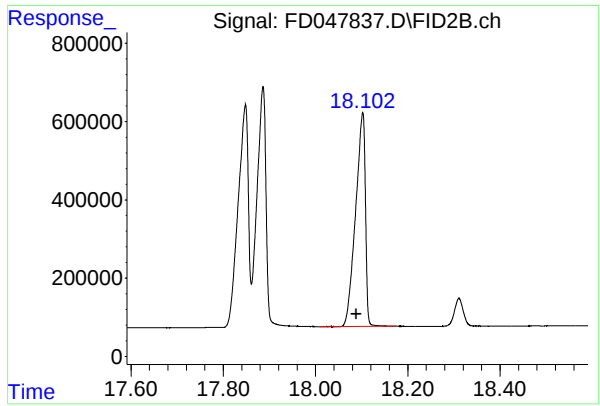
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.006 min
Response: 8812955
Conc: 76.45 ug/ml



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

R.T.: 17.885 min
Delta R.T.: 0.000 min
Response: 8239250
Conc: 61.79 ug/ml



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

R.T.: 18.101 min

Delta R.T.: 0.013 min

Response: 8056547

Conc: 60.58 ug/ml

Instrument :

FID_D

ClientSampleId :

PB161073BS