

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072223AR\
 Data File : FD046186.D
 Signal(s) : FID2B.ch
 Acq On : 22 Jul 2023 19:41
 Operator : YP/AJ
 Sample : PB154365BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154365BS

Integration File: autoint1.e
 Quant Time: Jul 24 04:04:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.512	8174705	54.688 ug/ml
Spiked Amount 50.000		Recovery =	109.38%
6) S 2-Fluorobiphenyl (SURR)	8.367	4315541	46.100 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.20%
11) S ortho-Terphenyl (SURR)	11.406	8763483	50.180 ug/ml
Spiked Amount 50.000		Recovery =	100.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.322	5373731	29.494 ug/ml
2) T Naphthalene (C11.7)	5.850	6289198	34.821 ug/ml
3) T 2-Methylnaphthalene (...)	6.899	6622083	37.625 ug/ml
5) T Acenaphthylene (C15.06)	8.171	7396057	48.474 ug/ml
7) T Acenaphthene (C15.5)	8.467	7014968	43.020 ug/ml
8) T Fluorene (C16.55)	9.246	7701187	50.612 ug/ml
9) T Phenanthrene (C19.36)	10.637	7431079	51.606 ug/ml
10) T Anthracene (C19.43)	10.712	7251407	55.409 ug/ml
12) T Fluoranthene (C21.85)	12.442	7372093	52.759 ug/ml
13) T Pyrene (C20.8)	12.737	7322598	52.835 ug/ml
14) T Benzo[a]anthracene (C...	14.603	7162919	54.570 ug/ml
15) T Chrysene (C27.41)	14.647	7139320	50.633 ug/ml
16) T benzo[b]fluoranthene ...	16.148	7280231	53.232 ug/ml
17) T Bnezo[k]fluoranthene ...	16.148	7280231	53.113 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.525	6936144	53.278 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.886	7192175	59.799 ug/ml
20) T Dibenz[a,h]anthracene...	17.886	7192175	56.235 ug/ml
21) T Benzo[g,h,i]perylene ...	18.140	6831979	53.851 ug/ml

(f)=RT Delta > 1/2 Window

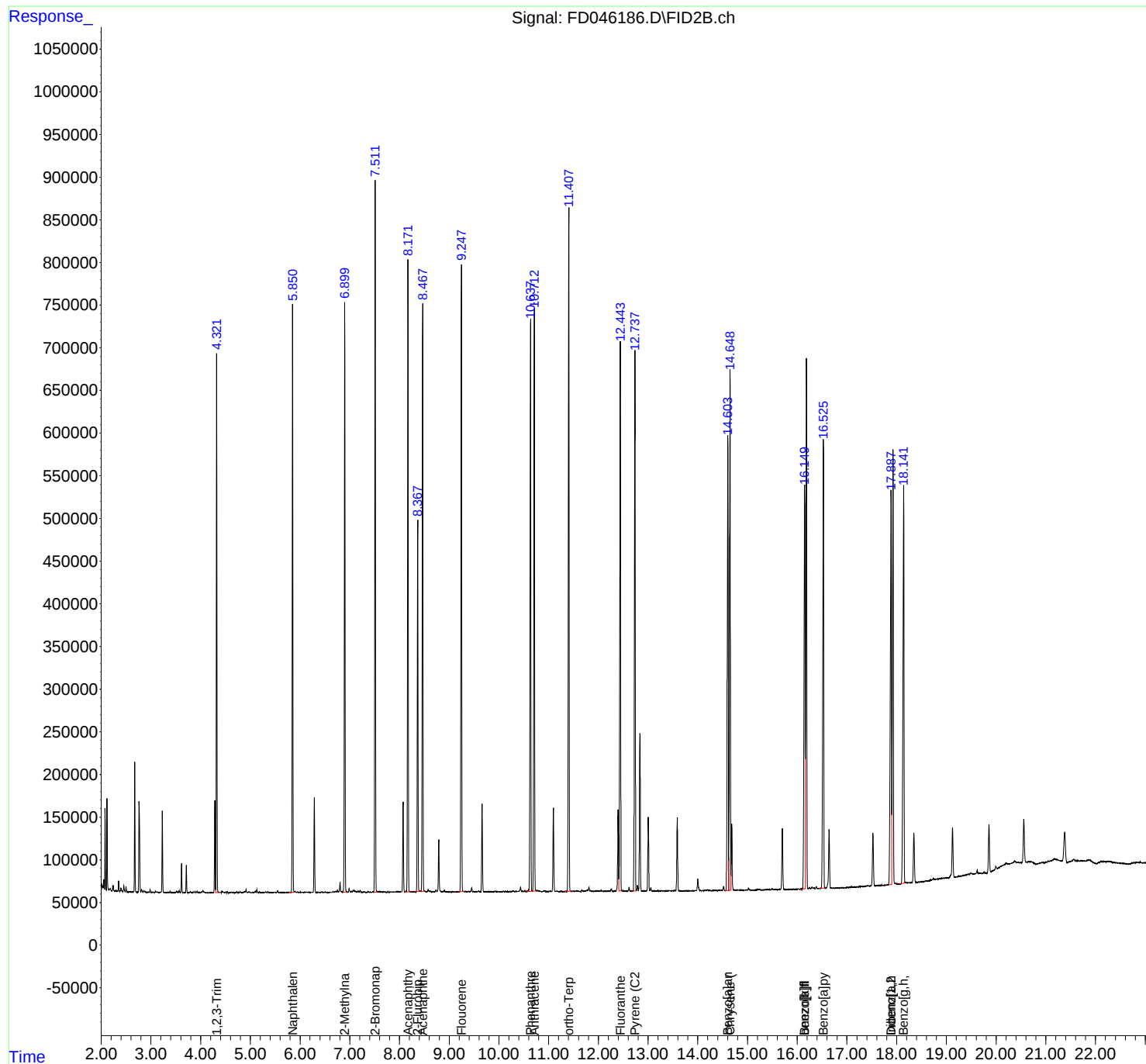
(m)=manual int.

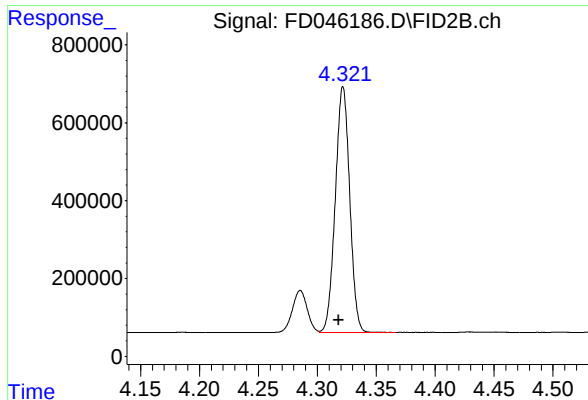
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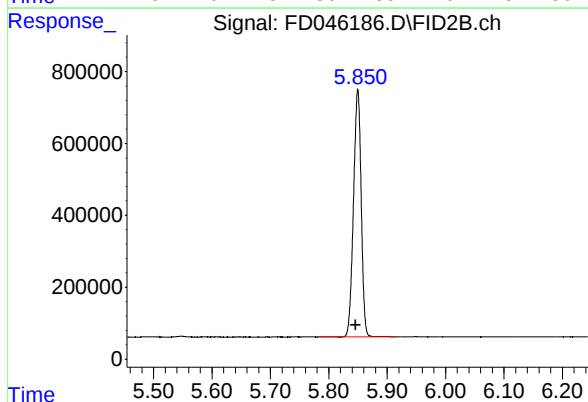




#1 1,2,3-Trimethylbenzene (C10.1)

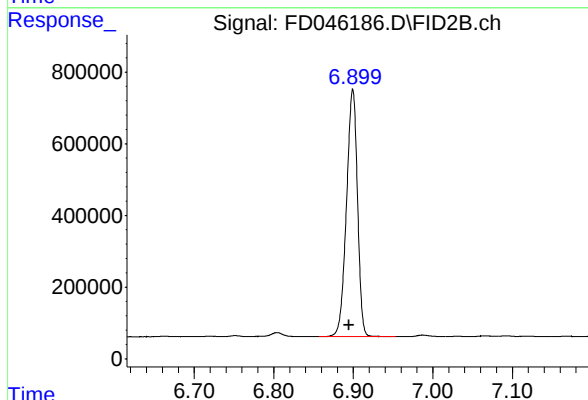
R.T.: 4.322 min
Delta R.T.: 0.004 min
Response: 5373731
Conc: 29.49 ug/ml

Instrument :
FID_D
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PB154365BS



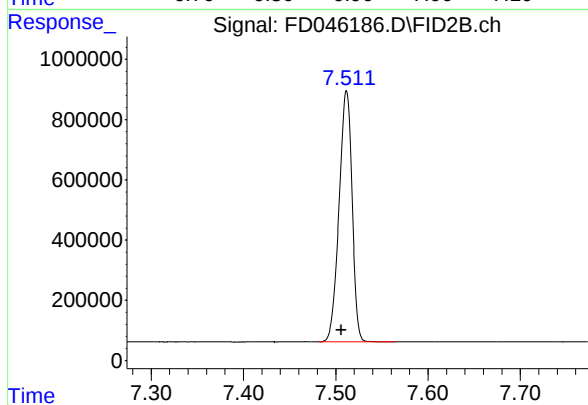
#2 Naphthalene (C11.7)

R.T.: 5.850 min
Delta R.T.: 0.004 min
Response: 6289198
Conc: 34.82 ug/ml



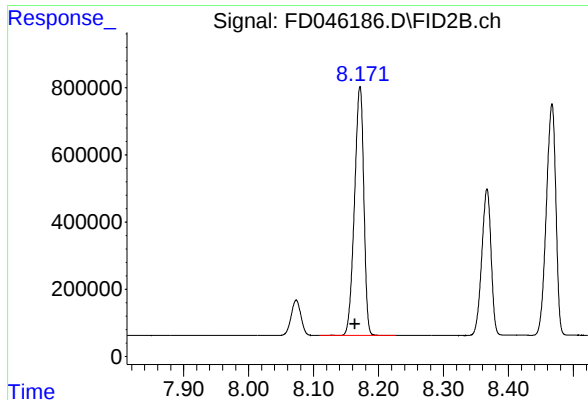
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.899 min
Delta R.T.: 0.005 min
Response: 6622083
Conc: 37.63 ug/ml



#4 2-Bromonaphthalene (SURR)

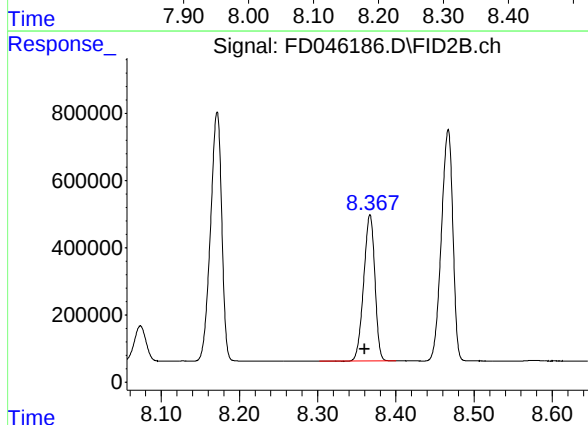
R.T.: 7.512 min
Delta R.T.: 0.006 min
Response: 8174705
Conc: 54.69 ug/ml



#5 Acenaphthylene (C15.06)

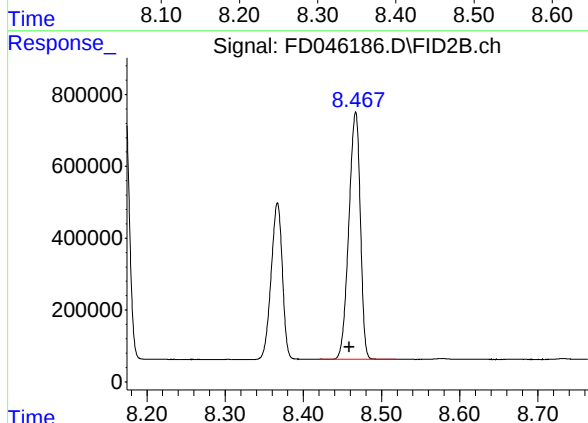
R.T.: 8.171 min
Delta R.T.: 0.007 min
Response: 7396057
Conc: 48.47 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154365BS



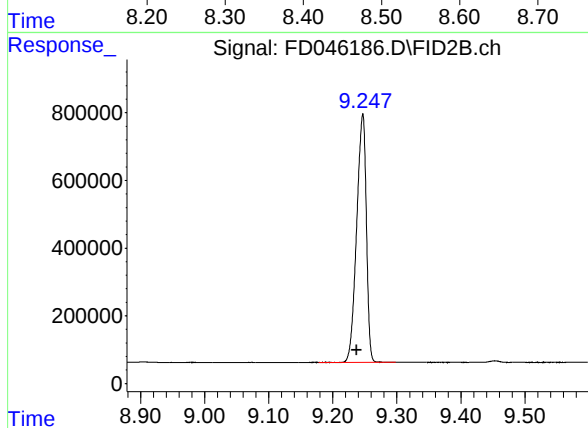
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.367 min
Delta R.T.: 0.007 min
Response: 4315541
Conc: 46.10 ug/ml



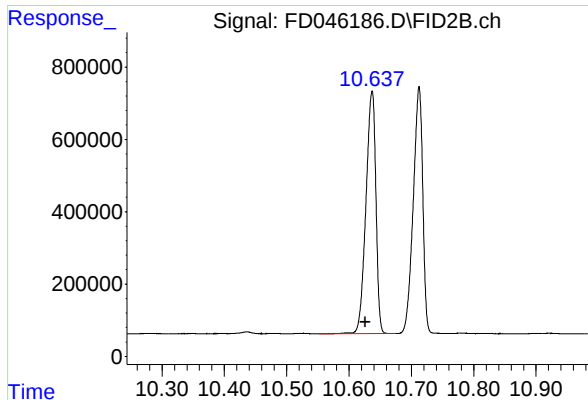
#7 Acenaphthene (C15.5)

R.T.: 8.467 min
Delta R.T.: 0.008 min
Response: 7014968
Conc: 43.02 ug/ml



#8 Fluorene (C16.55)

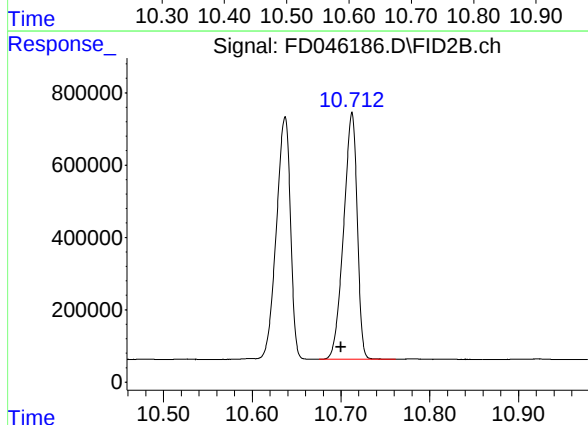
R.T.: 9.246 min
Delta R.T.: 0.009 min
Response: 7701187
Conc: 50.61 ug/ml



#9 Phenanthrene (C19.36)

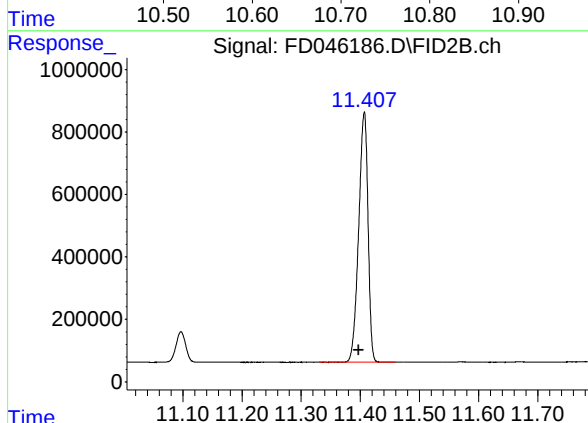
R.T.: 10.637 min
Delta R.T.: 0.011 min
Response: 7431079
Conc: 51.61 ug/ml

Instrument :
FID_D
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PB154365BS



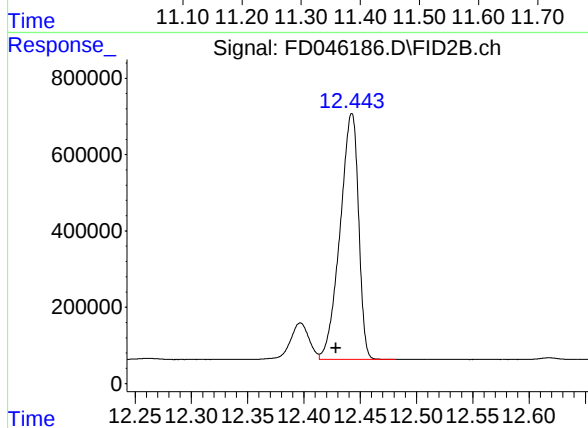
#10 Anthracene (C19.43)

R.T.: 10.712 min
Delta R.T.: 0.012 min
Response: 7251407
Conc: 55.41 ug/ml



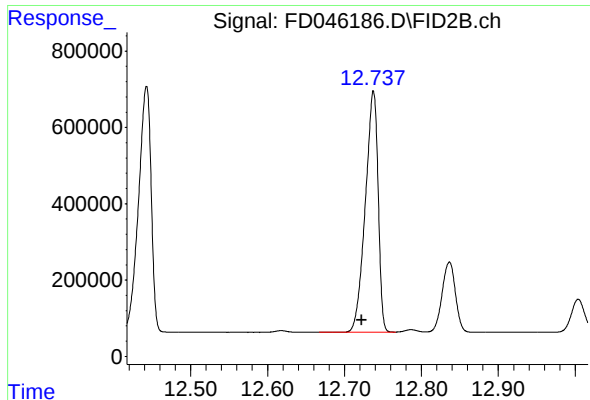
#11 ortho-Terphenyl (SURRE)

R.T.: 11.406 min
Delta R.T.: 0.009 min
Response: 8763483
Conc: 50.18 ug/ml



#12 Fluoranthene (C21.85)

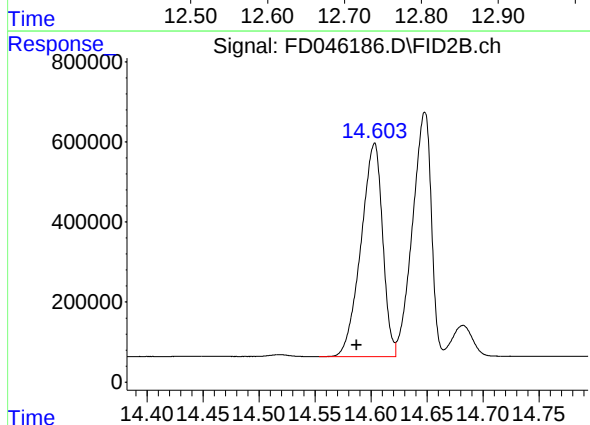
R.T.: 12.442 min
Delta R.T.: 0.014 min
Response: 7372093
Conc: 52.76 ug/ml



#13 Pyrene (C20.8)

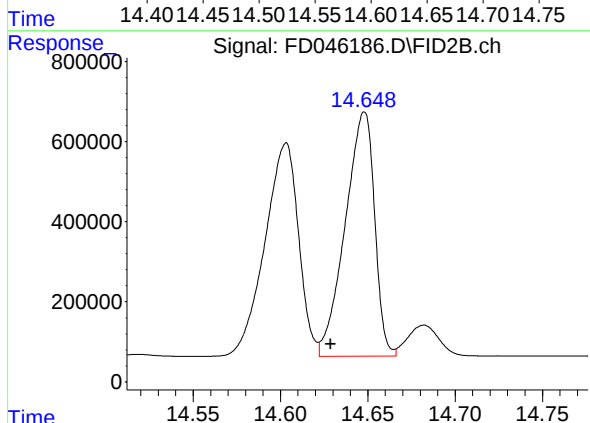
R.T.: 12.737 min
Delta R.T.: 0.015 min
Response: 7322598
Conc: 52.83 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154365BS



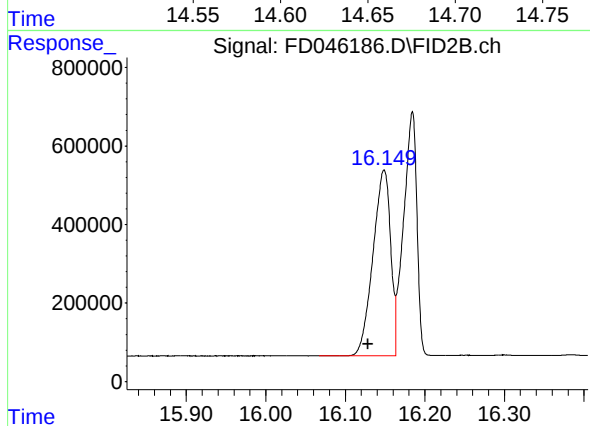
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min
Delta R.T.: 0.016 min
Response: 7162919
Conc: 54.57 ug/ml



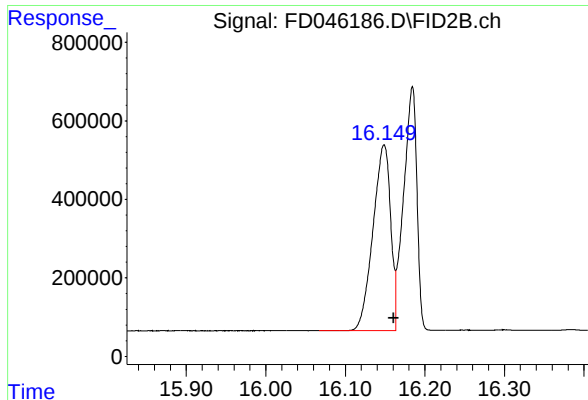
#15 Chrysene (C27.41)

R.T.: 14.647 min
Delta R.T.: 0.019 min
Response: 7139320
Conc: 50.63 ug/ml



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

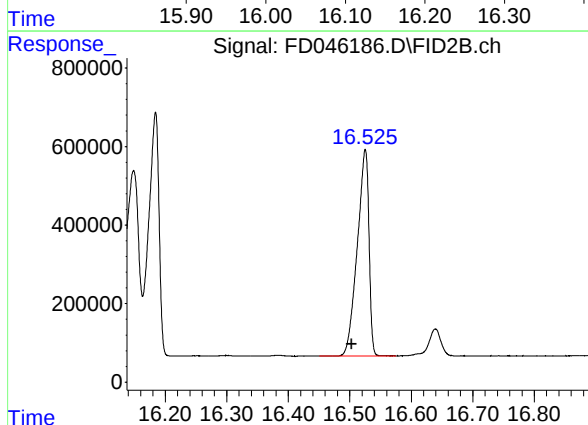
R.T.: 16.148 min
Delta R.T.: 0.020 min
Response: 7280231
Conc: 53.23 ug/ml



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

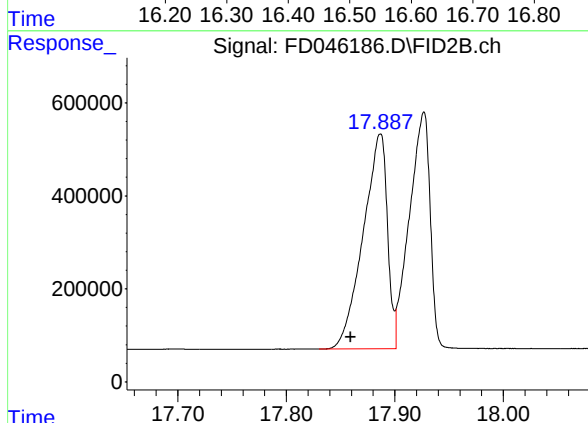
R.T.: 16.148 min
Delta R.T.: -0.012 min
Response: 7280231
Conc: 53.11 ug/ml

Instrument :
FID_D
ClientSampleId :
PB154365BS



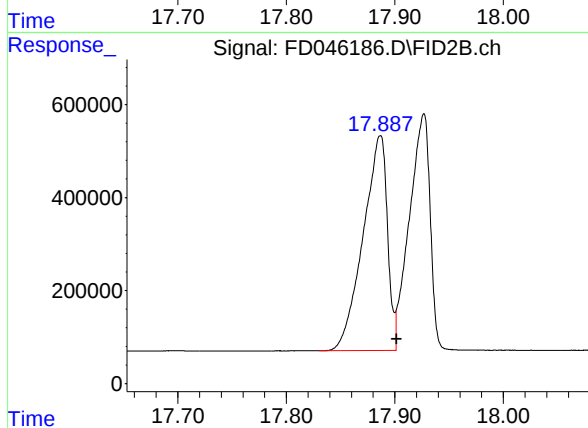
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.525 min
Delta R.T.: 0.022 min
Response: 6936144
Conc: 53.28 ug/ml



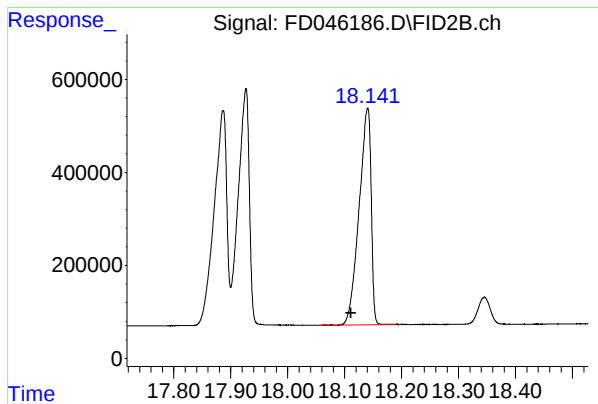
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.886 min
Delta R.T.: 0.027 min
Response: 7192175
Conc: 59.80 ug/ml



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

R.T.: 17.886 min
Delta R.T.: -0.015 min
Response: 7192175
Conc: 56.24 ug/ml



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

R.T.: 18.140 min

Delta R.T.: 0.028 min

Response: 6831979

Conc: 53.85 ug/ml

Instrument :

FID_D

ClientSampleId :

PB154365BS