

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081823AR\
 Data File : FD046345.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 11:40
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 18 13:08:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 13:06:51 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...	7.503	7923889	50.865 ug/ml
Spiked Amount 50.000		Recovery =	101.73%
6) S 2-Fluorobiphenyl (SURR)	8.358	5289962	51.619 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.24%
11) S ortho-Terphenyl (SURR)	11.397	9679916	50.351 ug/ml
Spiked Amount 50.000		Recovery =	100.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.315	9010390	50.867 ug/ml
2) T Naphthalene (C11.7)	5.843	9382803	51.152 ug/ml
3) T 2-Methylnaphthalene (...)	6.892	9301778	50.861 ug/ml
5) T Acenaphthylene (C15.06)	8.162	8442190	50.813 ug/ml
7) T Acenaphthene (C15.5)	8.458	9026684	50.686 ug/ml
8) T Flouorene (C16.55)	9.237	8777178	51.171 ug/ml
9) T Phenanthrene (C19.36)	10.627	8602760	50.651 ug/ml
10) T Anthracene (C19.43)	10.702	7631319	50.883 ug/ml
12) T Fluoranthene (C21.85)	12.432	8302109	50.405 ug/ml
13) T Pyrene (C20.8)	12.726	8117376	50.476 ug/ml
14) T Benzo[a]anthracene (C...	14.591	7259336	50.621 ug/ml
15) T Chrysene (C27.41)	14.635	7437351	50.263 ug/ml
16) T benzo[b]fluoranthene ...	16.134	6915065	50.561 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	6656044	49.885 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.510	6446707	50.331 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.869	6445536	51.484 ug/ml
20) T Dibenz[a,h]anthracene...	17.909	6358408	50.120 ug/ml
21) T Benzo[g,h,i]perylene ...	18.124	6440369	50.605 ug/ml

(f)=RT Delta > 1/2 Window

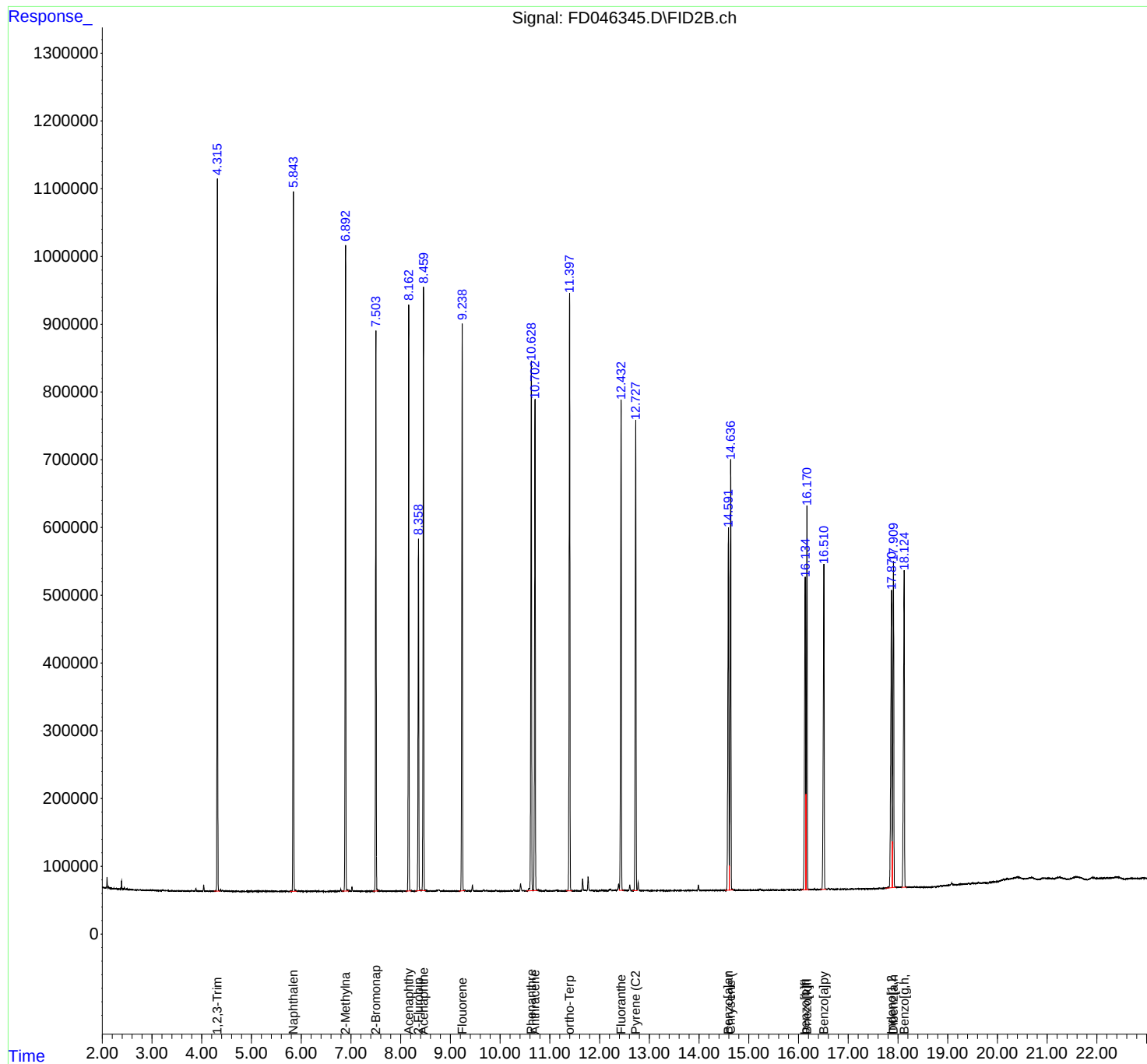
(m)=manual int.

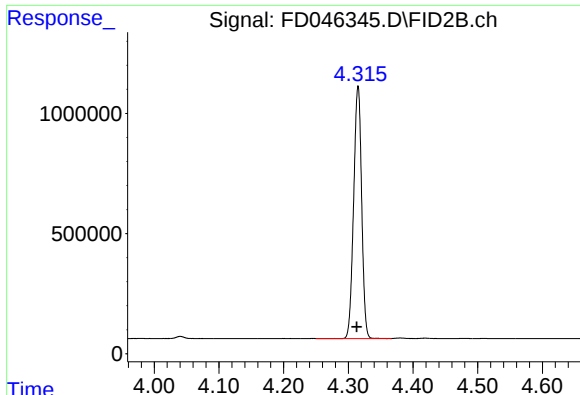
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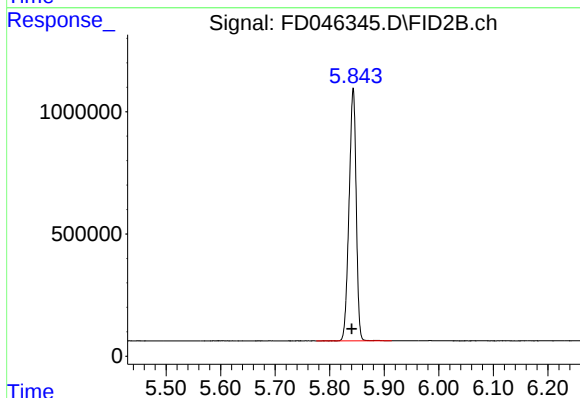




#1 1,2,3-Trimethylbenzene (C10.1)

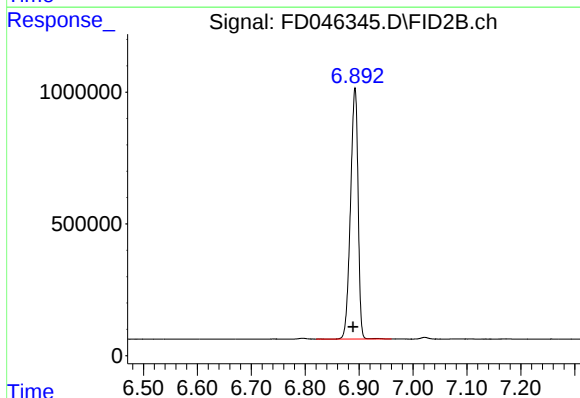
R.T.: 4.315 min
Delta R.T.: 0.002 min
Response: 9010390
Conc: 50.87 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



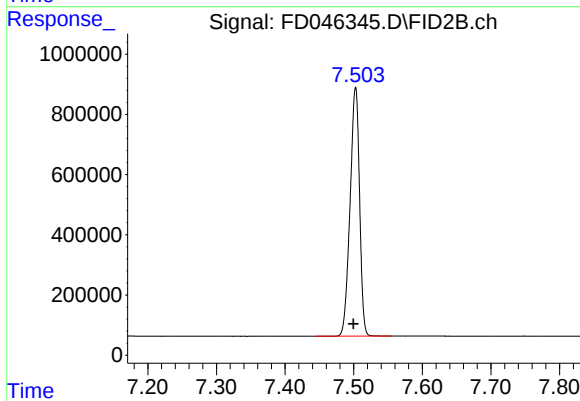
#2 Naphthalene (C11.7)

R.T.: 5.843 min
Delta R.T.: 0.003 min
Response: 9382803
Conc: 51.15 ug/ml



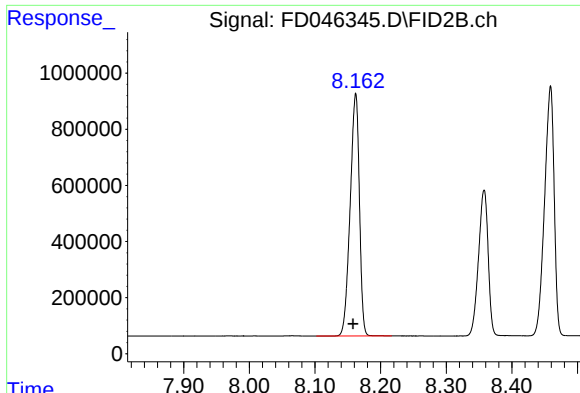
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.892 min
Delta R.T.: 0.004 min
Response: 9301778
Conc: 50.86 ug/ml



#4 2-Bromonaphthalene (SURR)

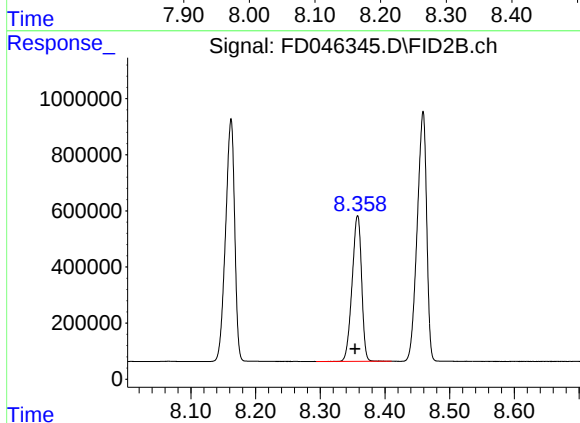
R.T.: 7.503 min
Delta R.T.: 0.003 min
Response: 7923889
Conc: 50.86 ug/ml



#5 Acenaphthylene (C15.06)

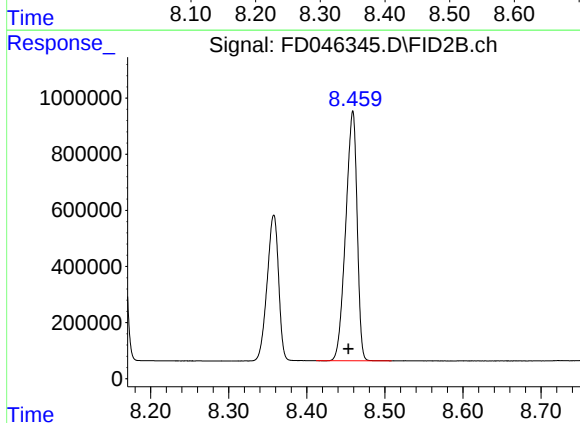
R.T.: 8.162 min
Delta R.T.: 0.004 min
Response: 8442190
Conc: 50.81 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



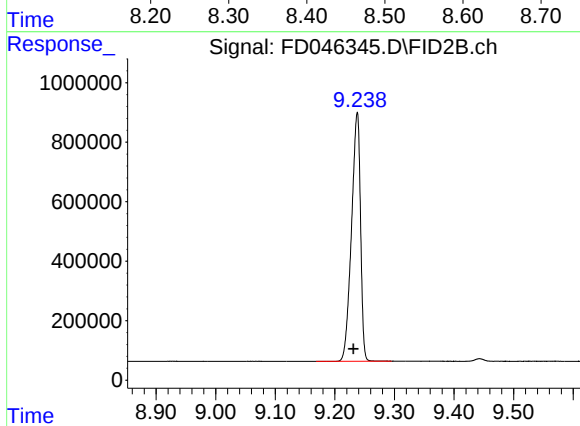
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.358 min
Delta R.T.: 0.004 min
Response: 5289962
Conc: 51.62 ug/ml



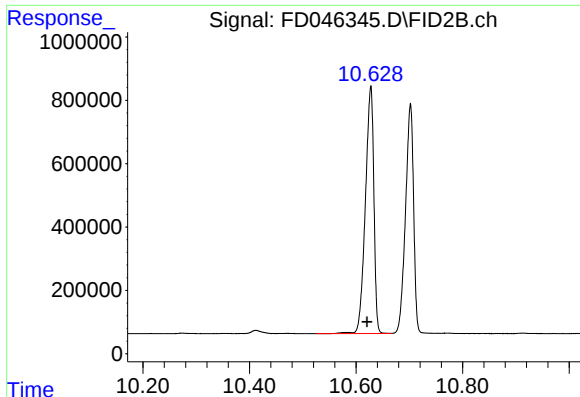
#7 Acenaphthene (C15.5)

R.T.: 8.458 min
Delta R.T.: 0.005 min
Response: 9026684
Conc: 50.69 ug/ml



#8 Fluorene (C16.55)

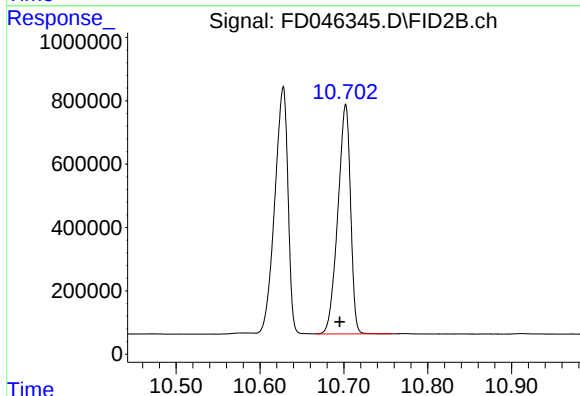
R.T.: 9.237 min
Delta R.T.: 0.006 min
Response: 8777178
Conc: 51.17 ug/ml



#9 Phenanthrene (C19.36)

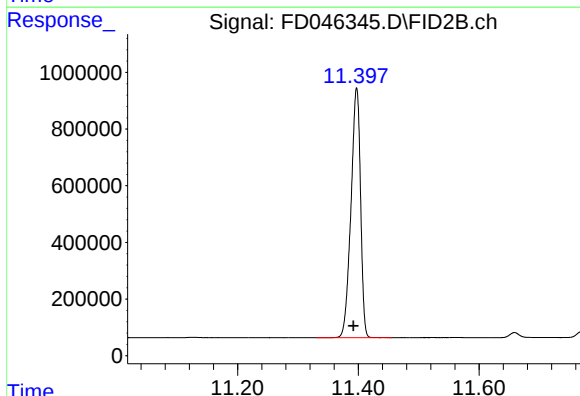
R.T.: 10.627 min
Delta R.T.: 0.006 min
Response: 8602760
Conc: 50.65 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



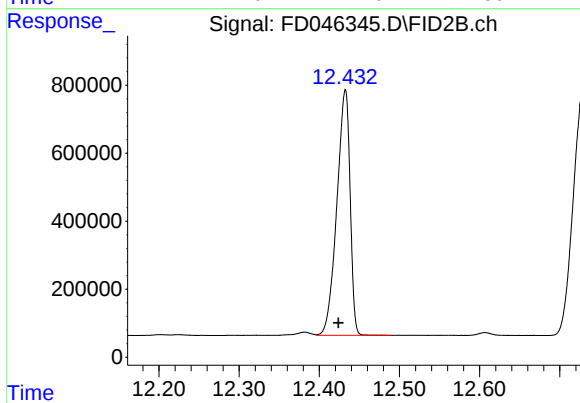
#10 Anthracene (C19.43)

R.T.: 10.702 min
Delta R.T.: 0.007 min
Response: 7631319
Conc: 50.88 ug/ml



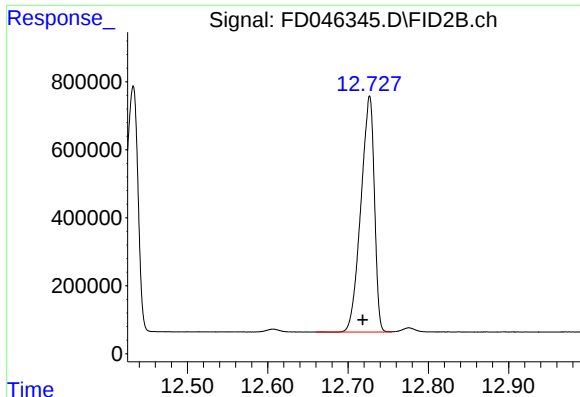
#11 ortho-Terphenyl (SURR)

R.T.: 11.397 min
Delta R.T.: 0.005 min
Response: 9679916
Conc: 50.35 ug/ml



#12 Fluoranthene (C21.85)

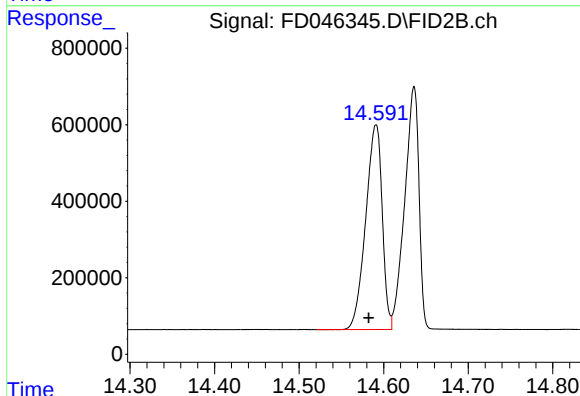
R.T.: 12.432 min
Delta R.T.: 0.008 min
Response: 8302109
Conc: 50.41 ug/ml



#13 Pyrene (C20.8)

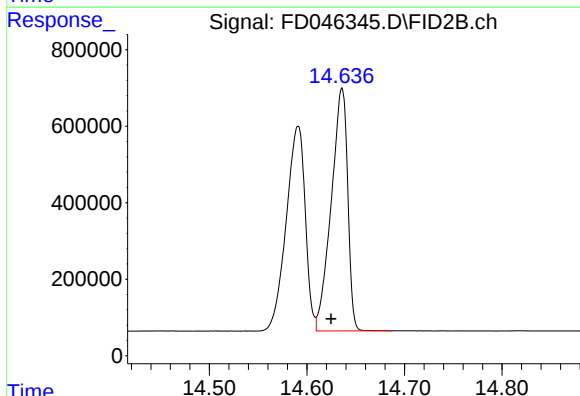
R.T.: 12.726 min
Delta R.T.: 0.008 min
Response: 8117376
Conc: 50.48 ug/ml

Instrument :
FID_D
ClientSampleId :
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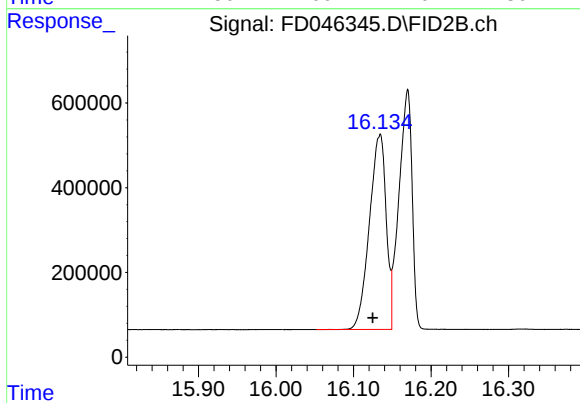
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.591 min
Delta R.T.: 0.008 min
Response: 7259336
Conc: 50.62 ug/ml



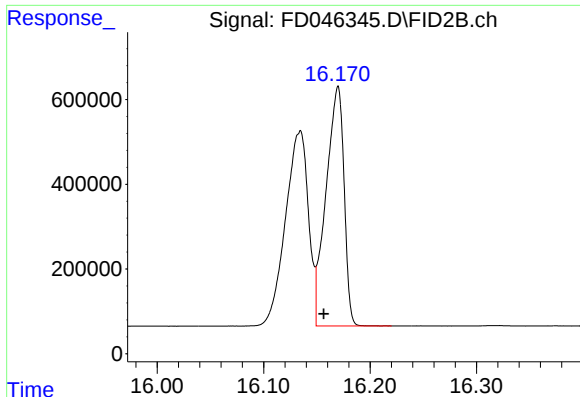
#15 Chrysene (C27.41)

R.T.: 14.635 min
Delta R.T.: 0.011 min
Response: 7437351
Conc: 50.26 ug/ml



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

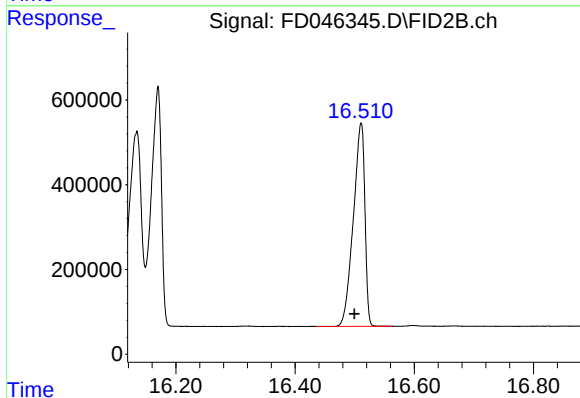
R.T.: 16.134 min
Delta R.T.: 0.009 min
Response: 6915065
Conc: 50.56 ug/ml



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

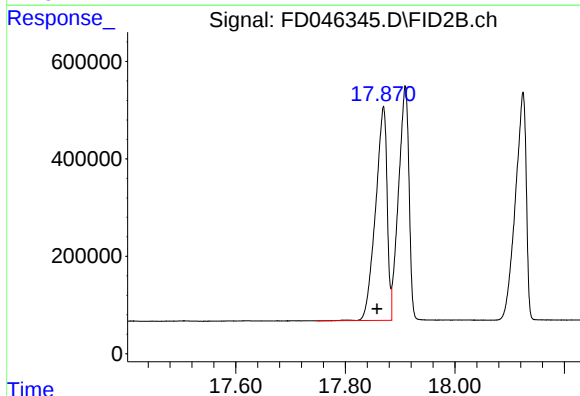
R.T.: 16.169 min
Delta R.T.: 0.013 min
Response: 6656044
Conc: 49.89 ug/ml

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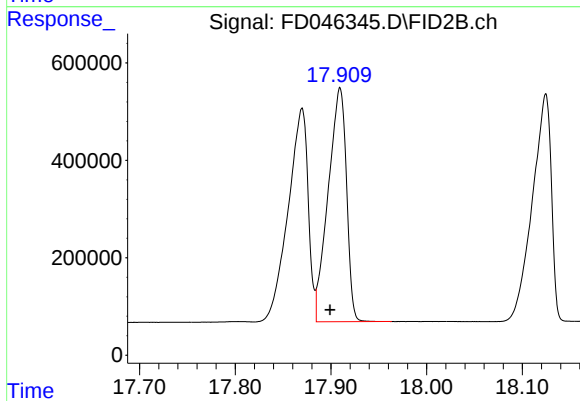
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.510 min
Delta R.T.: 0.011 min
Response: 6446707
Conc: 50.33 ug/ml



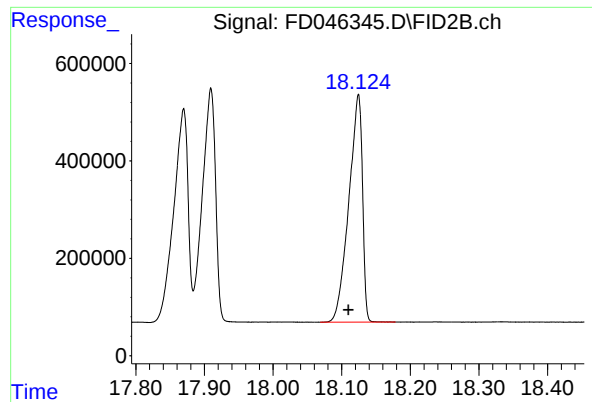
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.869 min
Delta R.T.: 0.011 min
Response: 6445536
Conc: 51.48 ug/ml



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

R.T.: 17.909 min
Delta R.T.: 0.010 min
Response: 6358408
Conc: 50.12 ug/ml



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

R.T.: 18.124 min
Delta R.T.: 0.014 min
Response: 6440369
Conc: 50.61 ug/ml

Instrument :
FID_D
ClientSampleId :
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