

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081823AR\
 Data File : FD046347.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 13:06
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 18 13:45:07 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...	7.498	1548554	9.940 ug/ml
Spiked Amount 50.000		Recovery =	19.88%
6) S 2-Fluorobiphenyl (SURR)	8.353	1010530	9.861 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.72%
11) S ortho-Terphenyl (SURR)	11.390	1918469	9.979 ug/ml
Spiked Amount 50.000		Recovery =	19.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	1775883	10.026 ug/ml
2) T Naphthalene (C11.7)	5.839	1843002	10.047 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	1804797	9.868 ug/ml
5) T Acenaphthylene (C15.06)	8.156	1648374	9.921 ug/ml
7) T Acenaphthene (C15.5)	8.451	1773912	9.961 ug/ml
8) T Flouorene (C16.55)	9.229	1686826	9.834 ug/ml
9) T Phenanthrene (C19.36)	10.619	1677135	9.875 ug/ml
10) T Anthracene (C19.43)	10.692	1475066	9.835 ug/ml
12) T Fluoranthene (C21.85)	12.422	1634174	9.922 ug/ml
13) T Pyrene (C20.8)	12.716	1588232	9.876 ug/ml
14) T Benzo[a]anthracene (C...	14.579	1399178	9.757 ug/ml
15) T Chrysene (C27.41)	14.620	1457357	9.849 ug/ml
16) T benzo[b]fluoranthene ...	16.120	1343222	9.821 ug/ml
17) T Bnezo[k]fluoranthene ...	16.151	1323094	9.916 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	1257313	9.816 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	1226236	9.795 ug/ml
20) T Dibenz[a,h]anthracene...	17.894	1278412	10.077 ug/ml
21) T Benzo[g,h,i]perylene ...	18.103	1267282	9.958 ug/ml

(f)=RT Delta > 1/2 Window

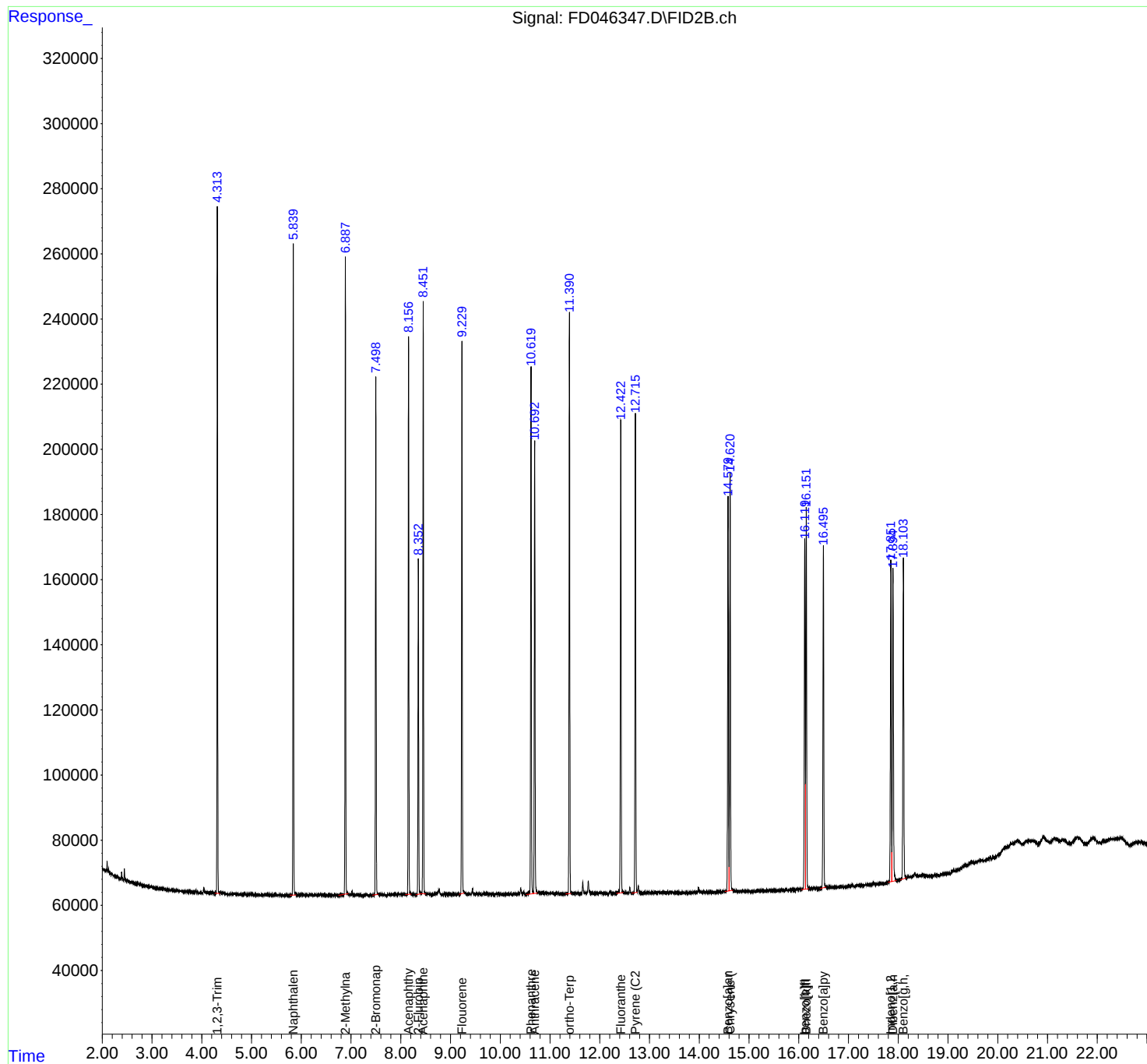
(m)=manual int.

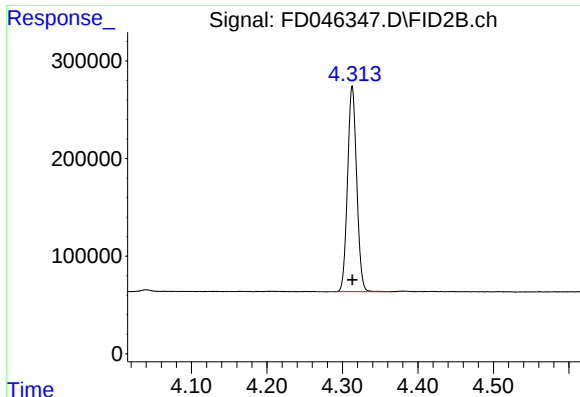
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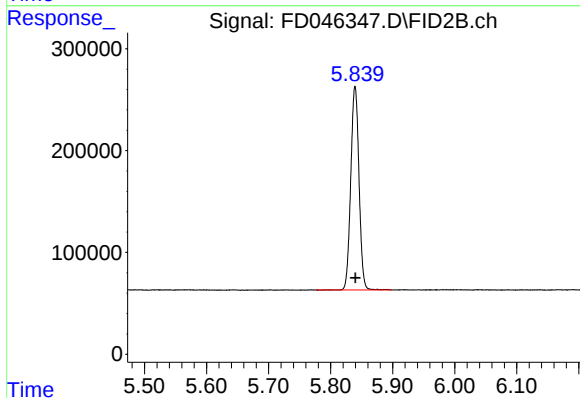




#1 1,2,3-Trimethylbenzene (C10.1)

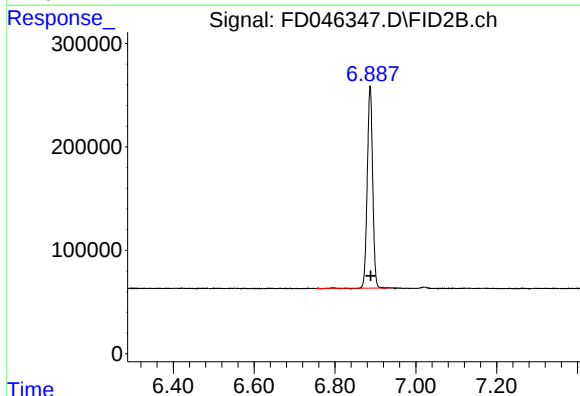
R.T.: 4.313 min
Delta R.T.: 0.000 min
Response: 1775883
Conc: 10.03 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



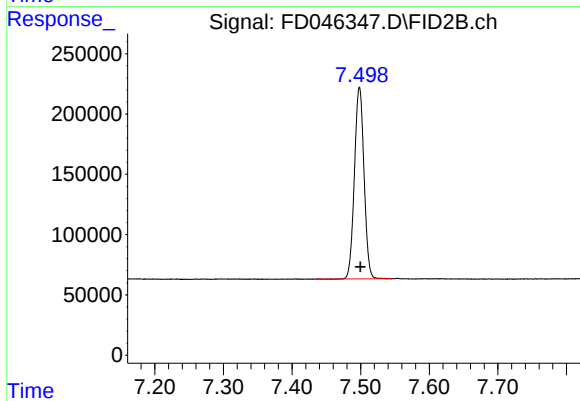
#2 Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 1843002
Conc: 10.05 ug/ml



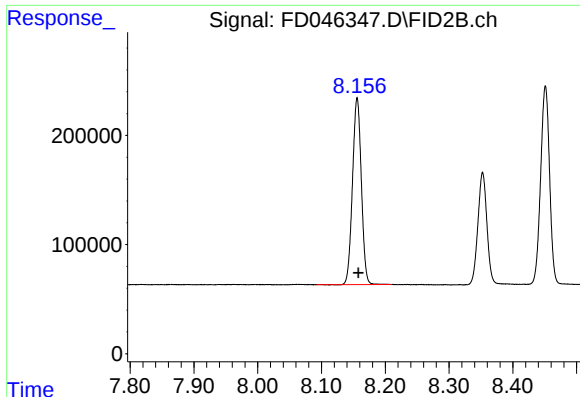
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.887 min
Delta R.T.: -0.001 min
Response: 1804797
Conc: 9.87 ug/ml



#4 2-Bromonaphthalene (SURR)

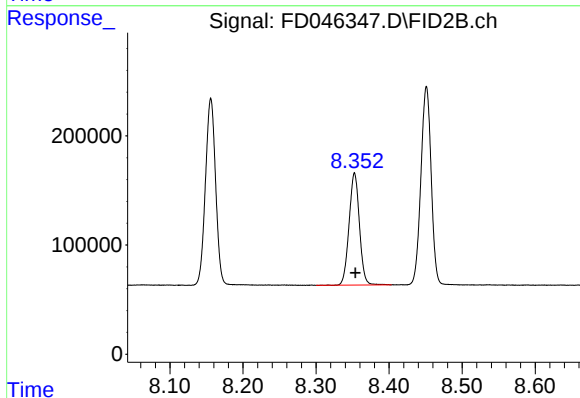
R.T.: 7.498 min
Delta R.T.: -0.001 min
Response: 1548554
Conc: 9.94 ug/ml



#5 Acenaphthylene (C15.06)

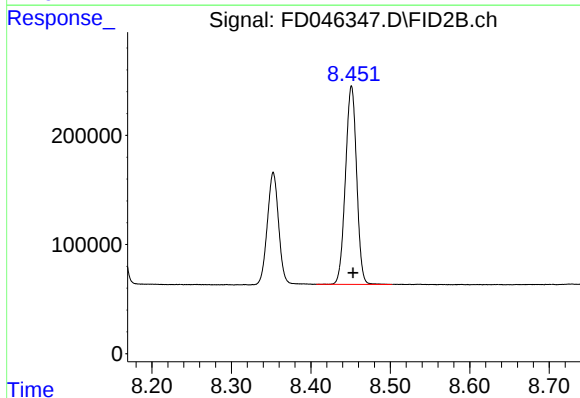
R.T.: 8.156 min
Delta R.T.: -0.002 min
Response: 1648374
Conc: 9.92 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



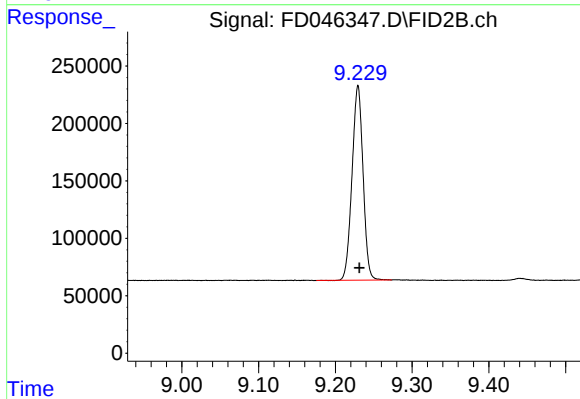
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.353 min
Delta R.T.: -0.001 min
Response: 1010530
Conc: 9.86 ug/ml



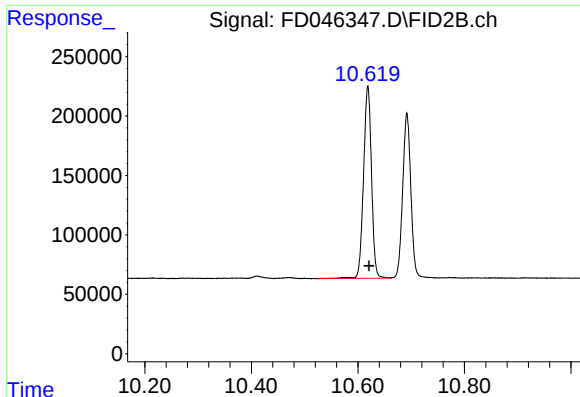
#7 Acenaphthene (C15.5)

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 1773912
Conc: 9.96 ug/ml



#8 Flouorene (C16.55)

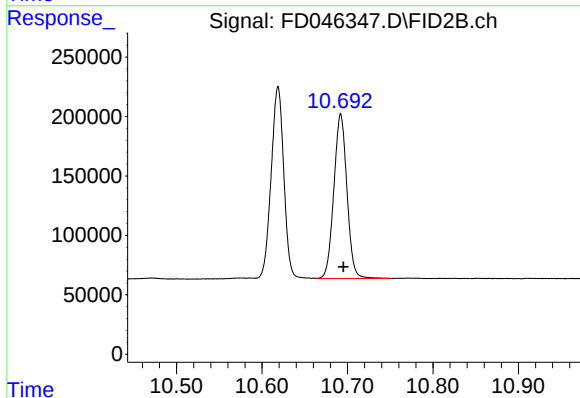
R.T.: 9.229 min
Delta R.T.: -0.002 min
Response: 1686826
Conc: 9.83 ug/ml



#9 Phenanthrene (C19.36)

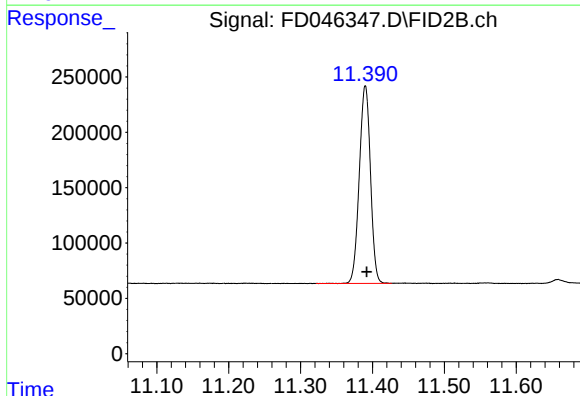
R.T.: 10.619 min
Delta R.T.: -0.002 min
Response: 1677135
Conc: 9.87 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



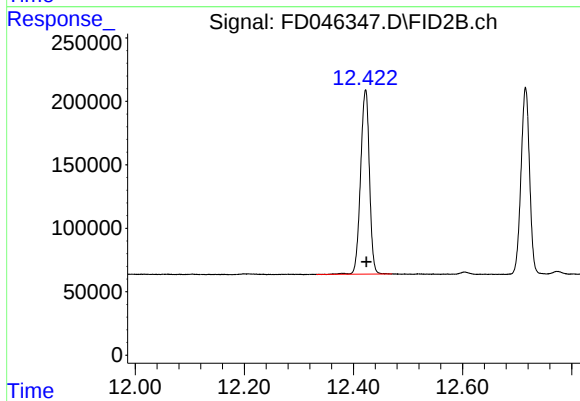
#10 Anthracene (C19.43)

R.T.: 10.692 min
Delta R.T.: -0.003 min
Response: 1475066
Conc: 9.84 ug/ml



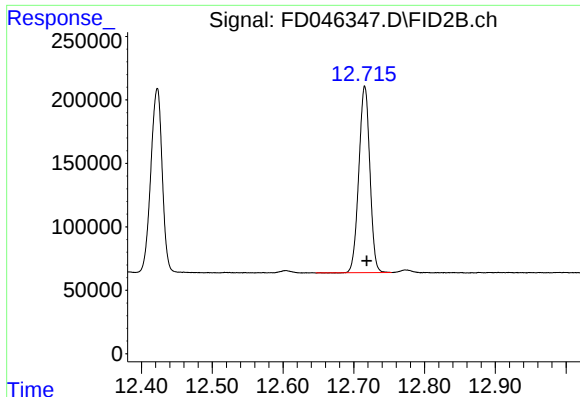
#11 ortho-Terphenyl (SURR)

R.T.: 11.390 min
Delta R.T.: -0.002 min
Response: 1918469
Conc: 9.98 ug/ml



#12 Fluoranthene (C21.85)

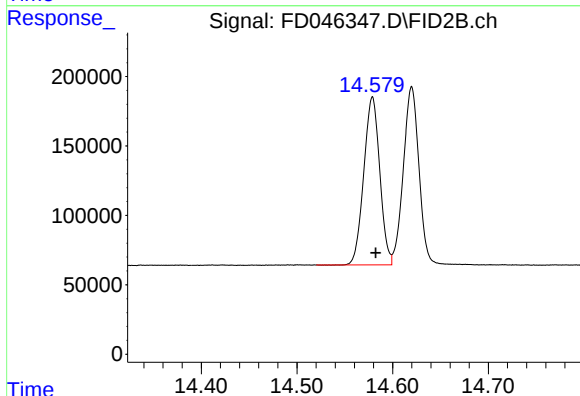
R.T.: 12.422 min
Delta R.T.: -0.002 min
Response: 1634174
Conc: 9.92 ug/ml



#13 Pyrene (C20.8)

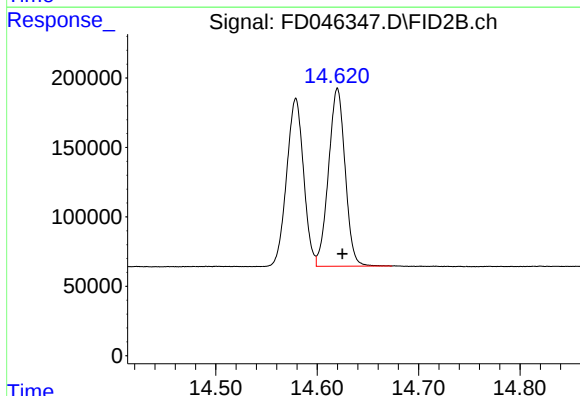
R.T.: 12.716 min
Delta R.T.: -0.003 min
Response: 1588232
Conc: 9.88 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



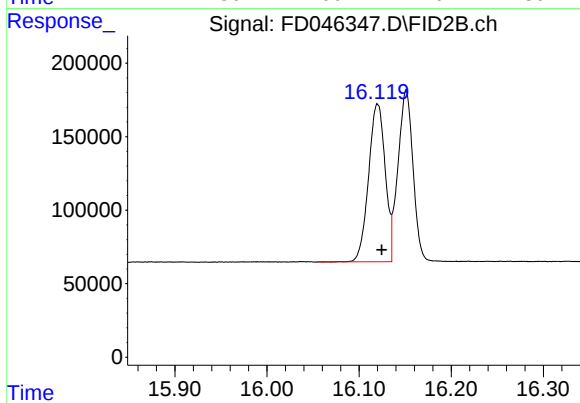
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min
Delta R.T.: -0.003 min
Response: 1399178
Conc: 9.76 ug/ml



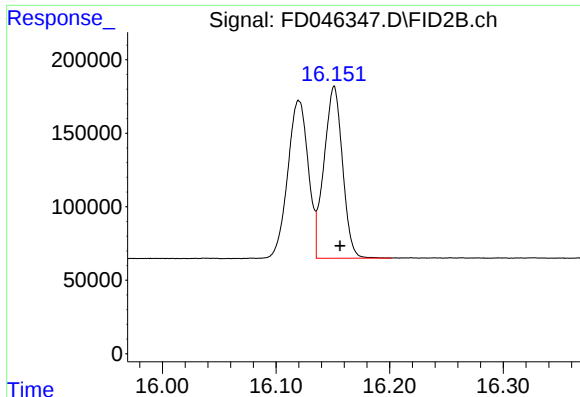
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: -0.005 min
Response: 1457357
Conc: 9.85 ug/ml



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

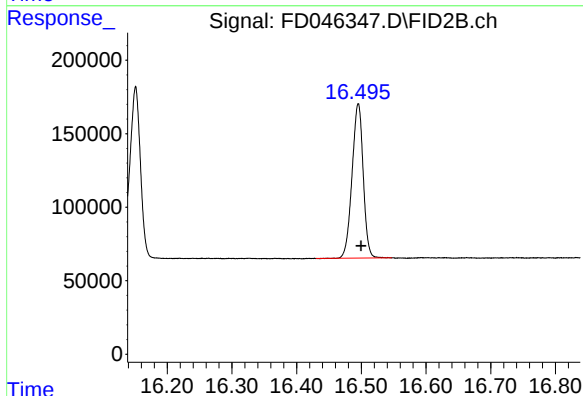
R.T.: 16.120 min
Delta R.T.: -0.005 min
Response: 1343222
Conc: 9.82 ug/ml



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

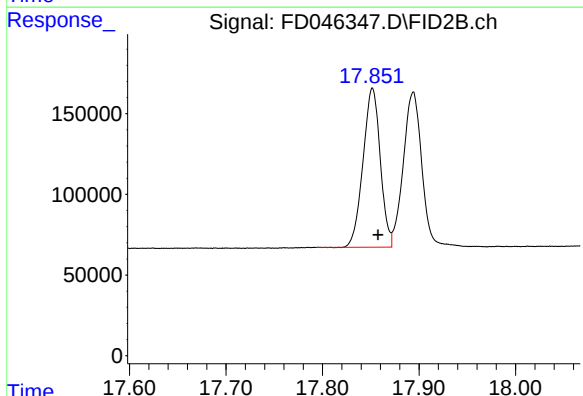
R.T.: 16.151 min
Delta R.T.: -0.005 min
Response: 1323094
Conc: 9.92 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



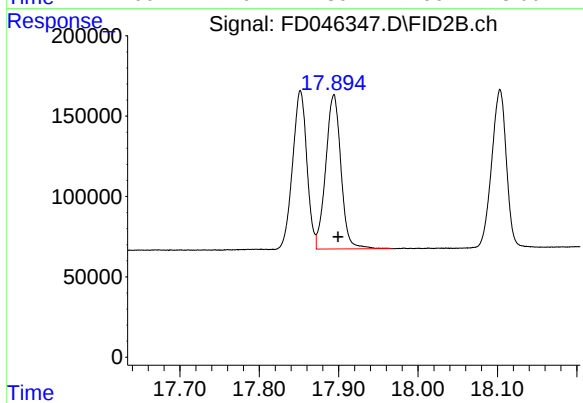
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: -0.004 min
Response: 1257313
Conc: 9.82 ug/ml



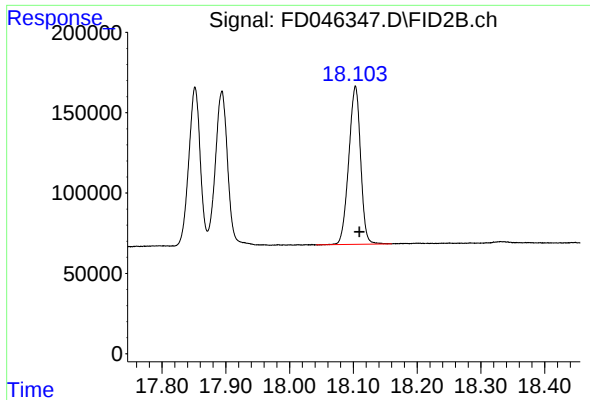
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.852 min
Delta R.T.: -0.006 min
Response: 1226236
Conc: 9.79 ug/ml



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

R.T.: 17.894 min
Delta R.T.: -0.006 min
Response: 1278412
Conc: 10.08 ug/ml



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

R.T.: 18.103 min
Delta R.T.: -0.006 min
Response: 1267282
Conc: 9.96 ug/ml

Instrument :
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ClientSampleId :
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