

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101023AR\
 Data File : FD046720.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 17:01
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 11 02:47:23 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:47:14 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...	7.487	1880960	10.263 ug/ml
Spiked Amount 50.000		Recovery =	20.53%
6) S 2-Fluorobiphenyl (SURR)	8.340	1214749	10.064 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.13%
11) S ortho-Terphenyl (SURR)	11.378	2193448	10.314 ug/ml
Spiked Amount 50.000		Recovery =	20.63%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	1979088	10.373 ug/ml
2) T Naphthalene (C11.7)	5.827	2057130	10.321 ug/ml
3) T 2-Methylnaphthalene (...)	6.875	2082230	10.334 ug/ml
5) T Acenaphthylene (C15.06)	8.144	1865159	10.220 ug/ml
7) T Acenaphthene (C15.5)	8.438	2019024	10.294 ug/ml
8) T Flouorene (C16.55)	9.217	1910006	10.095 ug/ml
9) T Phenanthrene (C19.36)	10.605	1850350	10.102 ug/ml
10) T Anthracene (C19.43)	10.680	1428457	11.478 ug/ml
12) T Fluoranthene (C21.85)	12.408	1844082	10.241 ug/ml
13) T Pyrene (C20.8)	12.703	1770644	10.173 ug/ml
14) T Benzo[a]anthracene (C...	14.566	1464900	10.045 ug/ml
15) T Chrysene (C27.41)	14.608	1601585	10.025 ug/ml
16) T benzo[b]fluoranthene ...	16.107	1494200	10.059 ug/ml
17) T Bnezo[k]fluoranthene ...	16.138	1528538	10.319 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.482	1421174	10.122 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	1338136	9.856 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	1458045	10.608 ug/ml
21) T Benzo[g,h,i]perylene ...	18.089	1434519	10.294 ug/ml

(f)=RT Delta > 1/2 Window

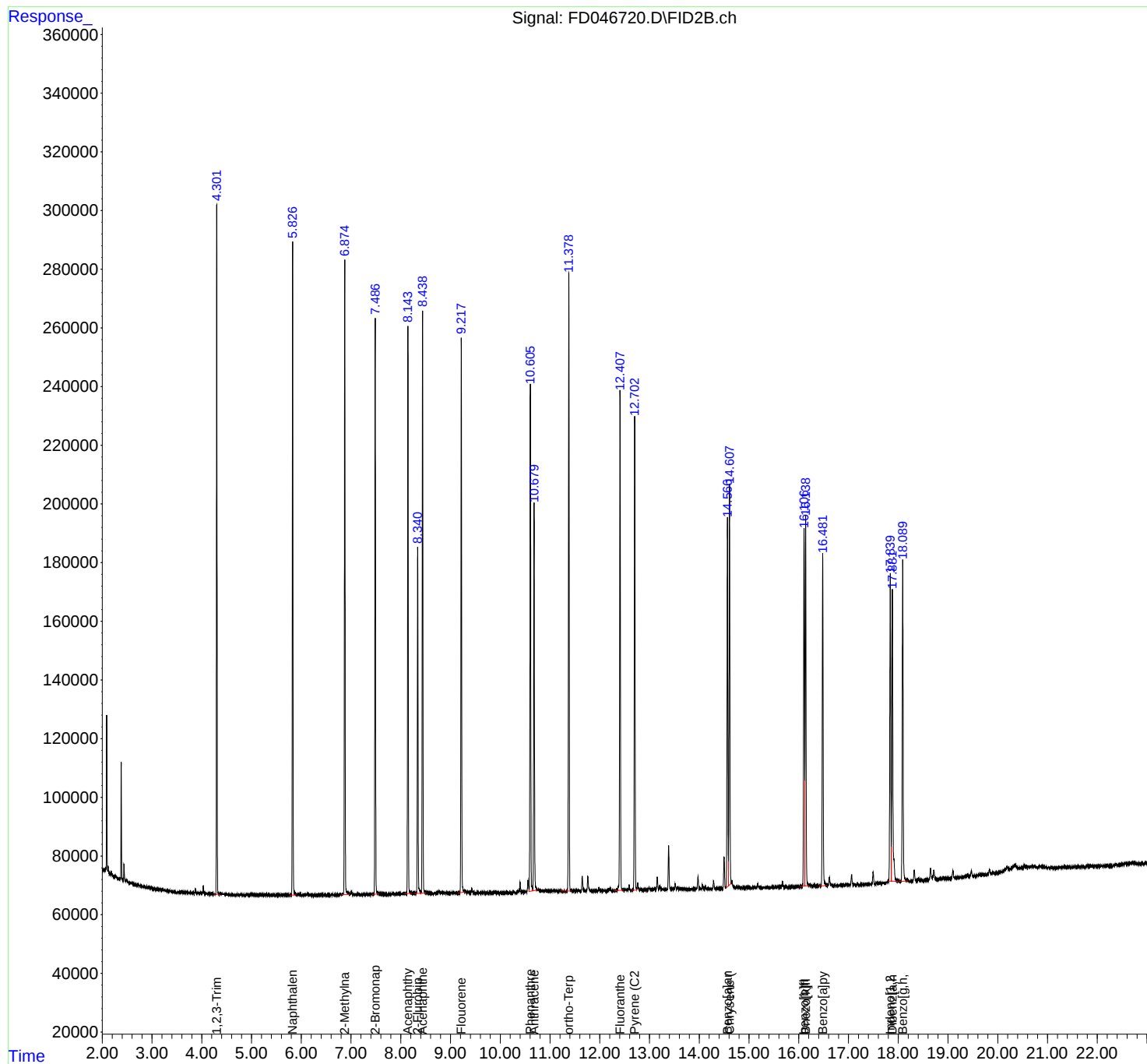
(m)=manual int.

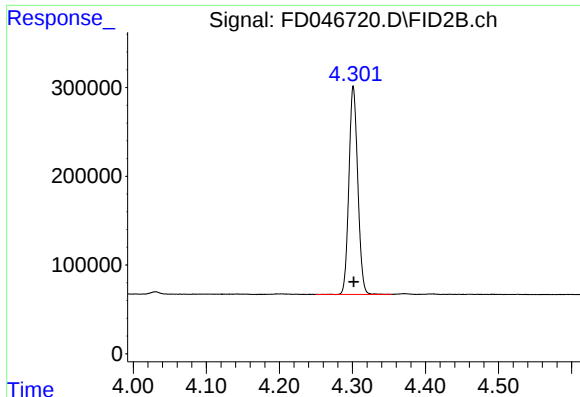
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101023AR\
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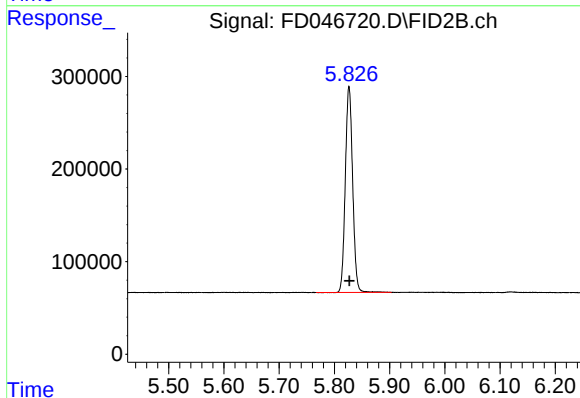




#1 1,2,3-Trimethylbenzene (C10.1)

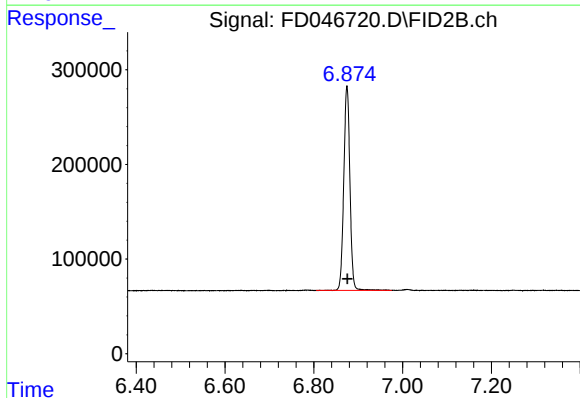
R.T.: 4.301 min
Delta R.T.: 0.000 min
Response: 1979088
Conc: 10.37 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



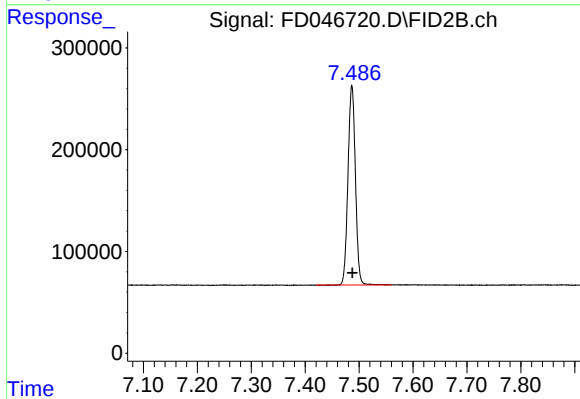
#2 Naphthalene (C11.7)

R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 2057130
Conc: 10.32 ug/ml



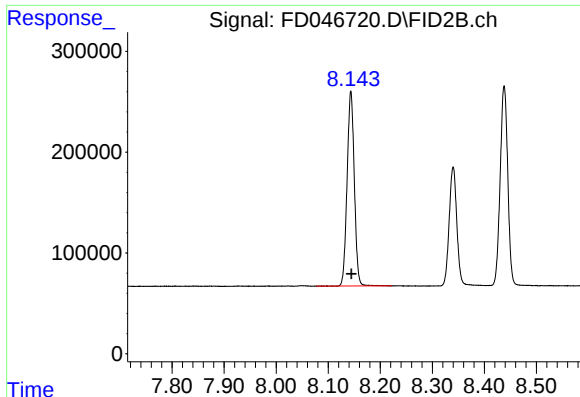
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 2082230
Conc: 10.33 ug/ml



#4 2-Bromonaphthalene (SURR)

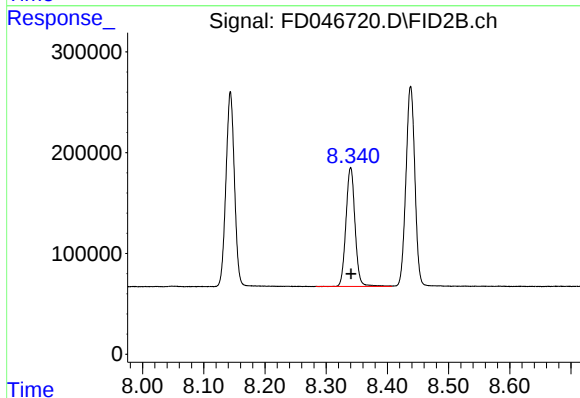
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 1880960
Conc: 10.26 ug/ml



#5 Acenaphthylene (C15.06)

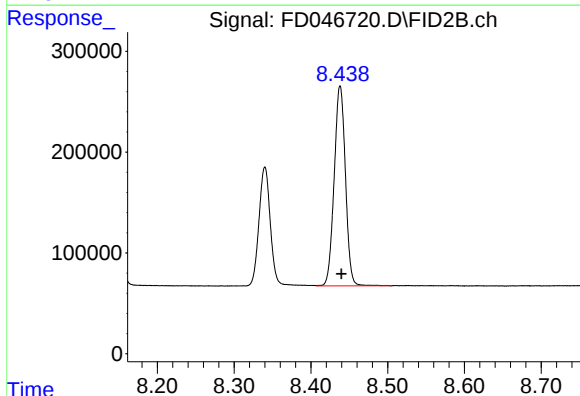
R.T.: 8.144 min
Delta R.T.: -0.001 min
Response: 1865159
Conc: 10.22 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



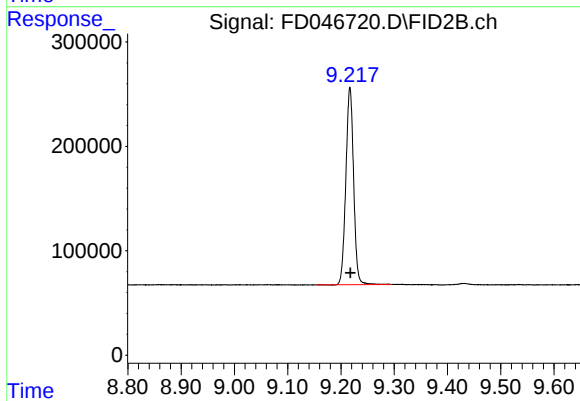
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 1214749
Conc: 10.06 ug/ml



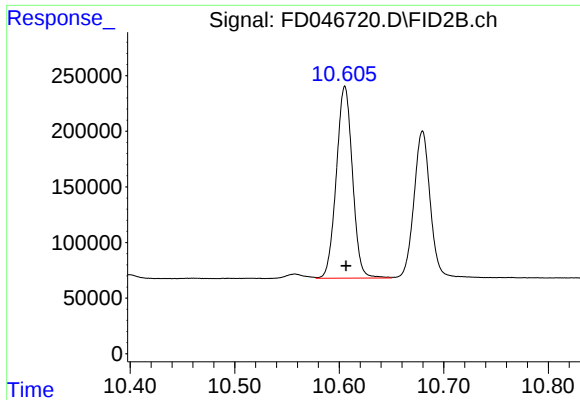
#7 Acenaphthene (C15.5)

R.T.: 8.438 min
Delta R.T.: -0.002 min
Response: 2019024
Conc: 10.29 ug/ml



#8 Fluorene (C16.55)

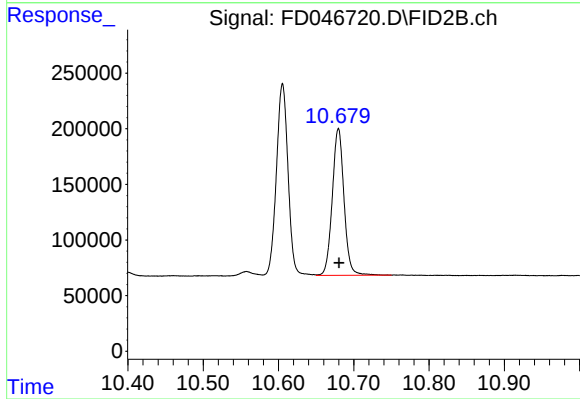
R.T.: 9.217 min
Delta R.T.: -0.001 min
Response: 1910006
Conc: 10.09 ug/ml



#9 Phenanthrene (C19.36)

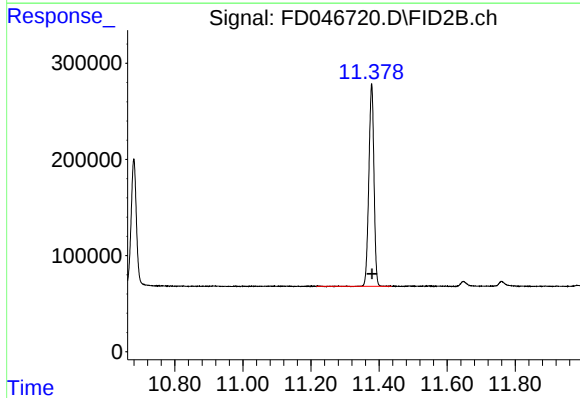
R.T.: 10.605 min
Delta R.T.: -0.001 min
Response: 1850350
Conc: 10.10 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



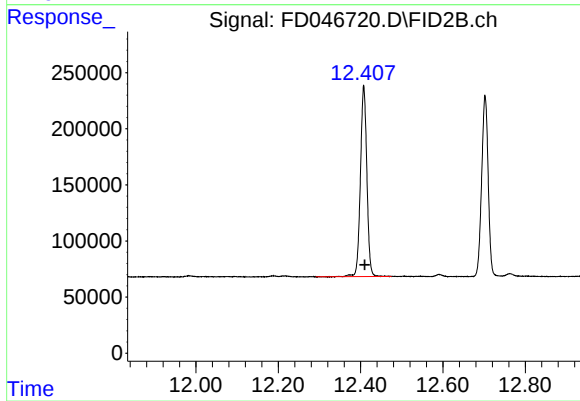
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.000 min
Response: 1428457
Conc: 11.48 ug/ml



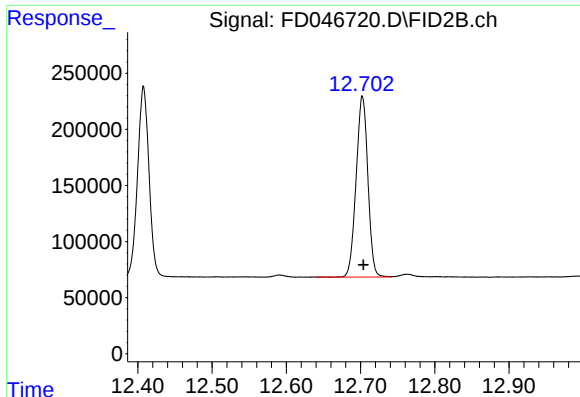
#11 ortho-Terphenyl (SURR)

R.T.: 11.378 min
Delta R.T.: -0.001 min
Response: 2193448
Conc: 10.31 ug/ml



#12 Fluoranthene (C21.85)

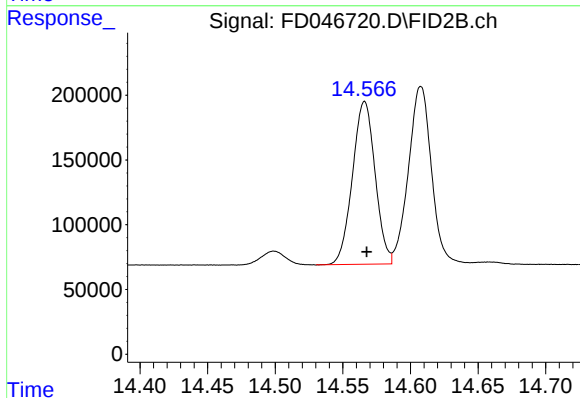
R.T.: 12.408 min
Delta R.T.: -0.002 min
Response: 1844082
Conc: 10.24 ug/ml



#13 Pyrene (C20.8)

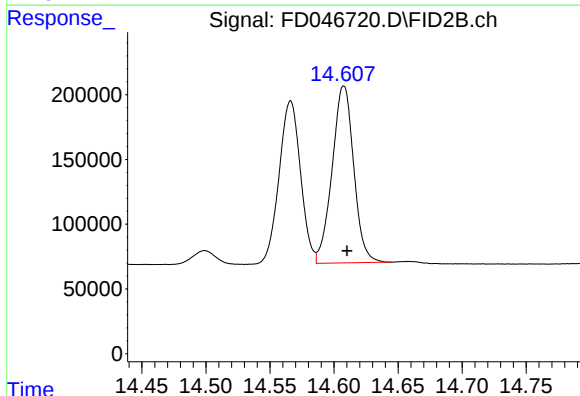
R.T.: 12.703 min
Delta R.T.: -0.001 min
Response: 1770644
Conc: 10.17 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



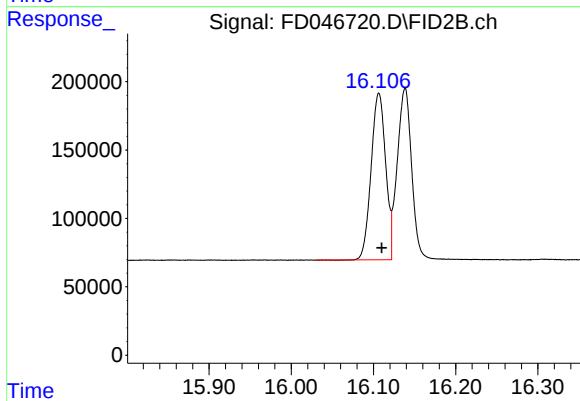
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: -0.002 min
Response: 1464900
Conc: 10.05 ug/ml



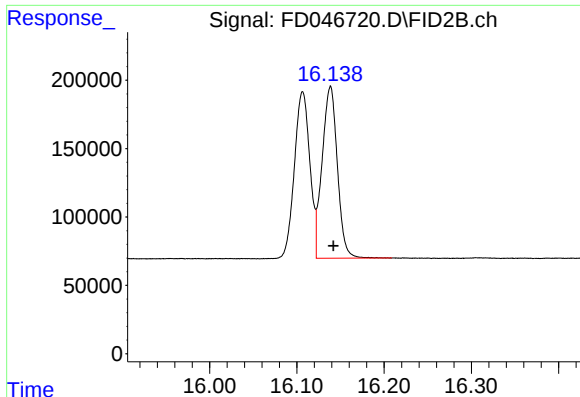
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: -0.003 min
Response: 1601585
Conc: 10.02 ug/ml



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

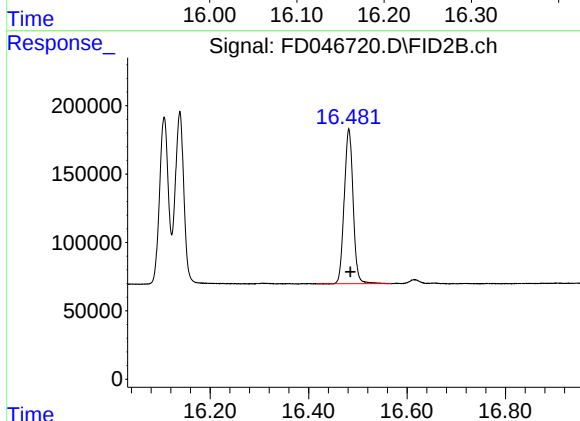
R.T.: 16.107 min
Delta R.T.: -0.004 min
Response: 1494200
Conc: 10.06 ug/ml



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

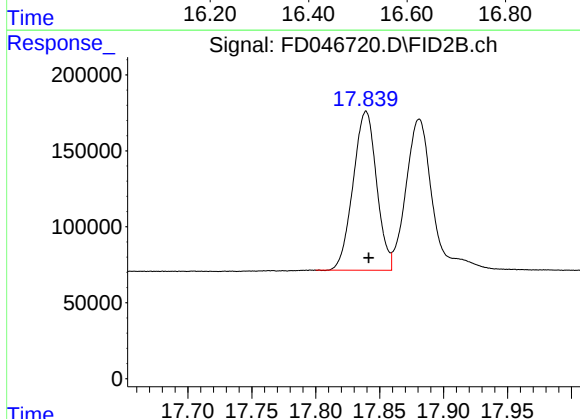
R.T.: 16.138 min
Delta R.T.: -0.004 min
Response: 1528538
Conc: 10.32 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



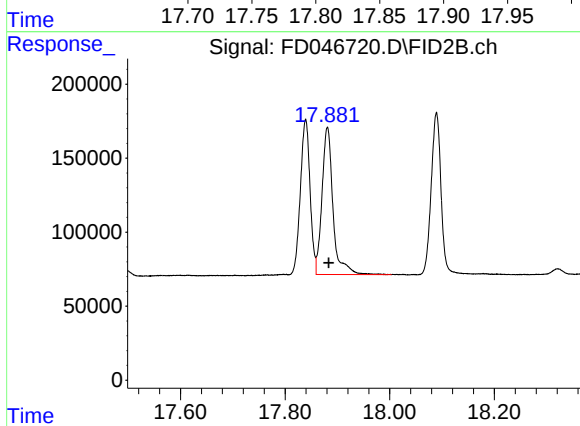
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: -0.003 min
Response: 1421174
Conc: 10.12 ug/ml



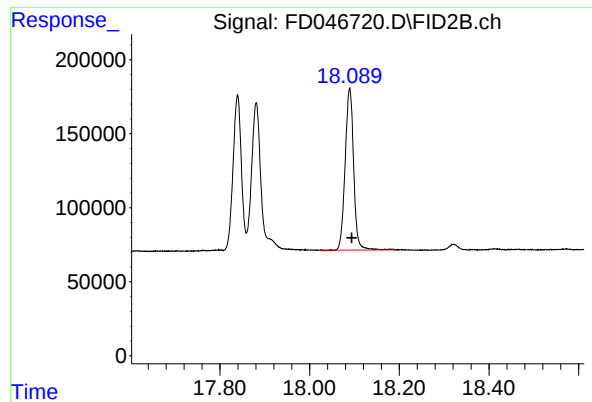
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: -0.002 min
Response: 1338136
Conc: 9.86 ug/ml



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

R.T.: 17.881 min
Delta R.T.: -0.003 min
Response: 1458045
Conc: 10.61 ug/ml



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

R.T.: 18.089 min
Delta R.T.: -0.005 min
Response: 1434519
Conc: 10.29 ug/ml

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ClientSampleId :
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