

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030320AR\
 Data File : FD032463.D
 Signal(s) : FID2B.CH
 Acq On : 03 Mar 2020 20:11
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 04 03:06:23 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030320.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 04 03:04:37 2020
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.623	1296030	10.026 ug/ml
Spiked Amount 50.000		Recovery =	20.05%
6) S 2-Fluorobiphenyl (SURR)	8.484	885468	9.947 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.89%
11) S ortho-Terphenyl (SURR)	11.522	1413922	10.202 ug/ml
Spiked Amount 50.000		Recovery =	20.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.428	1323774	10.029 ug/ml
2) T Naphthalene (C11.7)	5.964	1414995	9.998 ug/ml
3) T 2-Methylnaphthalene (...)	7.014	1412591	9.930 ug/ml
5) T Acenaphthylene (C15.06)	8.287	1374851	10.037 ug/ml
7) T Acenaphthene (C15.5)	8.582	1421068	10.025 ug/ml
8) T Fluorene (C16.55)	9.361	1407838	9.964 ug/ml
9) T Phenanthrene (C19.36)	10.756	1416539	10.060 ug/ml
10) T Anthracene (C19.43)	10.830	1433653	10.224 ug/ml
12) T Fluoranthene (C21.85)	12.565	1433035	10.171 ug/ml
13) T Pyrene (C20.8)	12.862	1383557	9.935 ug/ml
14) T Benzo[a]anthracene (C...	14.731	1316288	9.979 ug/ml
15) T Chrysene (C27.41)	14.773	1378139	10.248 ug/ml
16) T benzo[b]fluoranthene ...	16.282	1286236	9.925 ug/ml
17) T Bnezo[k]fluoranthene ...	16.313	1336798	10.185 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.660	1283110	9.998 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.025	1162648	9.763 ug/ml
20) T Dibenz[a,h]anthracene...	18.064	1315217	10.274 ug/ml
21) T Benzo[g,h,i]perylene ...	18.278	1190884	10.061 ug/ml

(f)=RT Delta > 1/2 Window

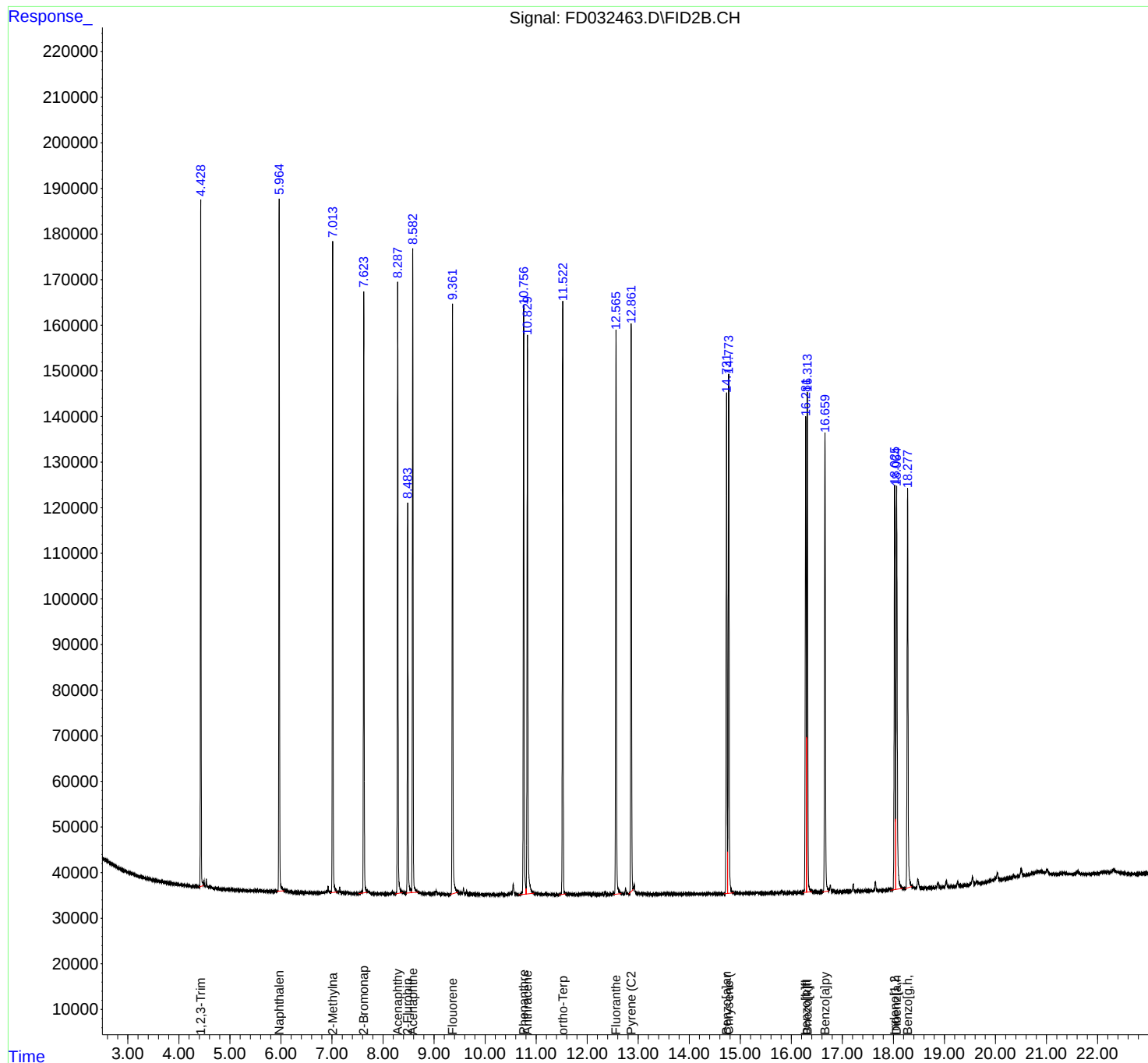
(m)=manual int.

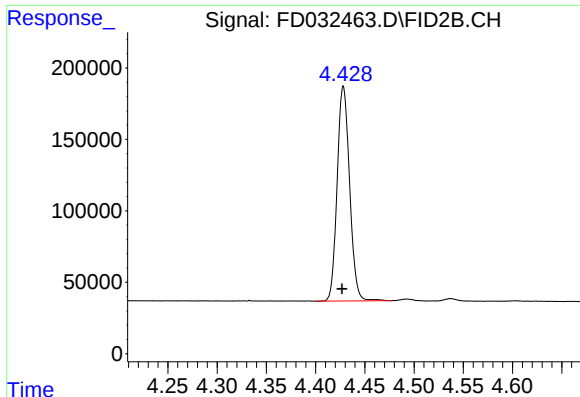
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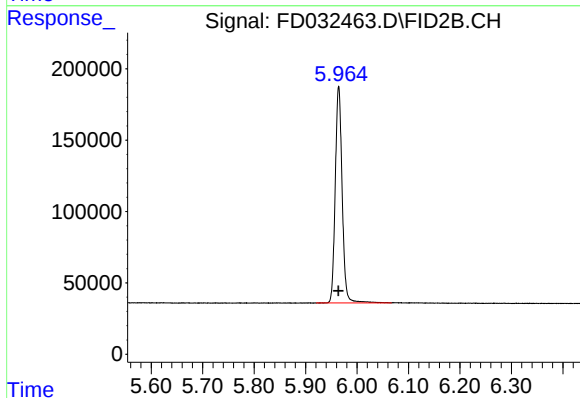




#1 1,2,3-Trimethylbenzene (C10.1)

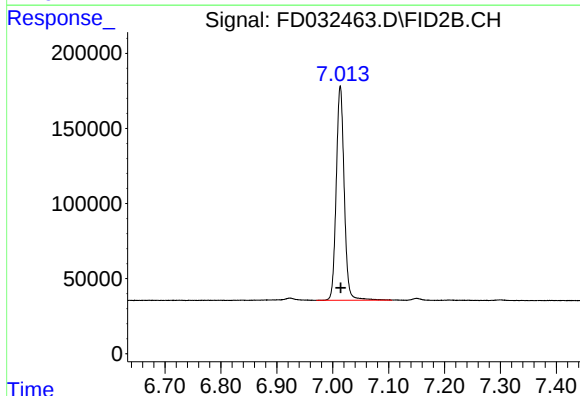
R.T.: 4.428 min
Delta R.T.: 0.001 min
Response: 1323774
Conc: 10.03 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



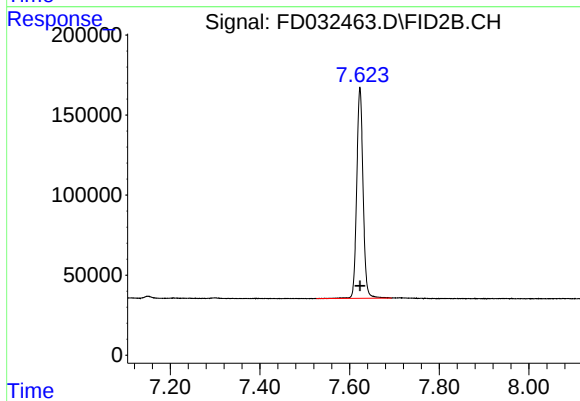
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: 0.000 min
Response: 1414995
Conc: 10.00 ug/ml



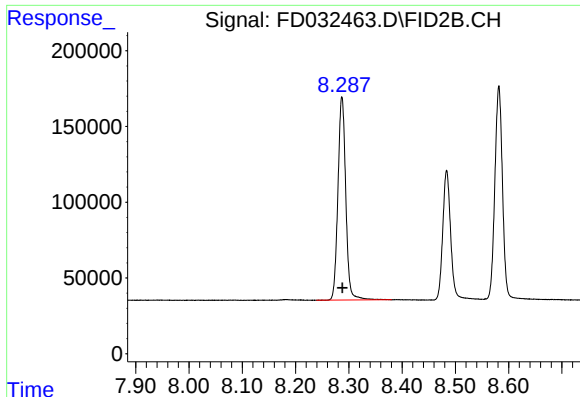
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: 0.000 min
Response: 1412591
Conc: 9.93 ug/ml



#4 2-Bromonaphthalene (SURR)

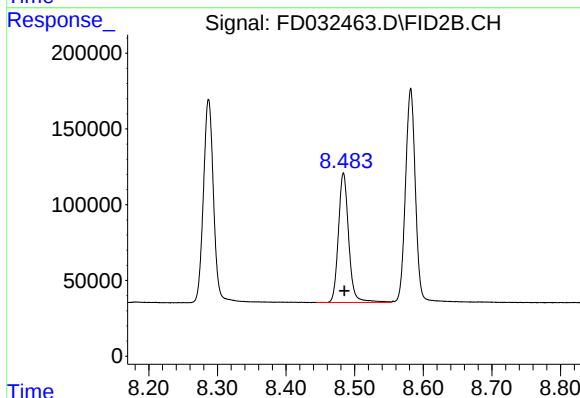
R.T.: 7.623 min
Delta R.T.: 0.000 min
Response: 1296030
Conc: 10.03 ug/ml



#5 Acenaphthylene (C15.06)

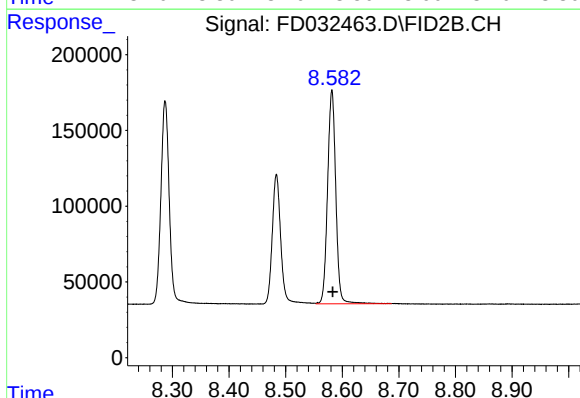
R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 1374851
Conc: 10.04 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



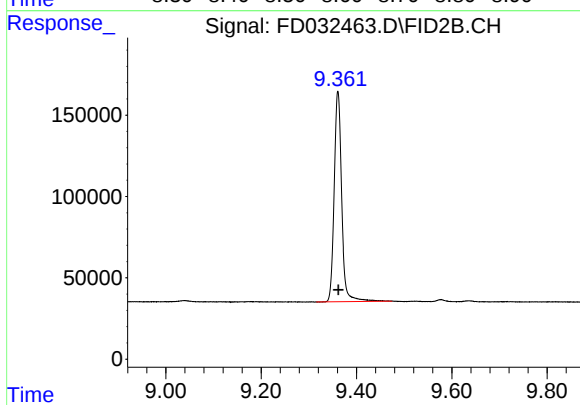
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.484 min
Delta R.T.: -0.001 min
Response: 885468
Conc: 9.95 ug/ml



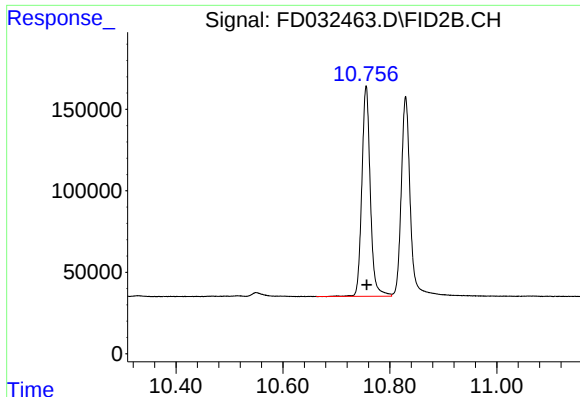
#7 Acenaphthene (C15.5)

R.T.: 8.582 min
Delta R.T.: -0.001 min
Response: 1421068
Conc: 10.02 ug/ml



#8 Flouorene (C16.55)

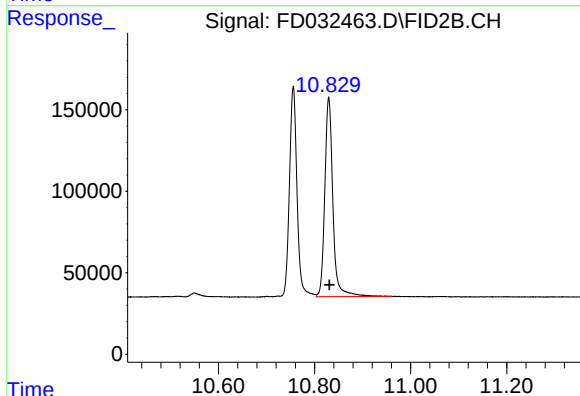
R.T.: 9.361 min
Delta R.T.: -0.001 min
Response: 1407838
Conc: 9.96 ug/ml



#9 Phenanthrene (C19.36)

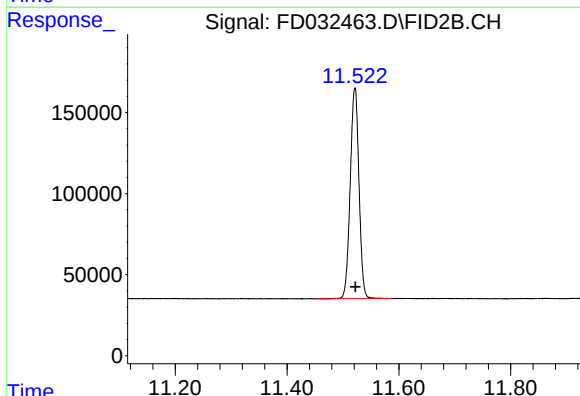
R.T.: 10.756 min
Delta R.T.: -0.001 min
Response: 1416539
Conc: 10.06 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



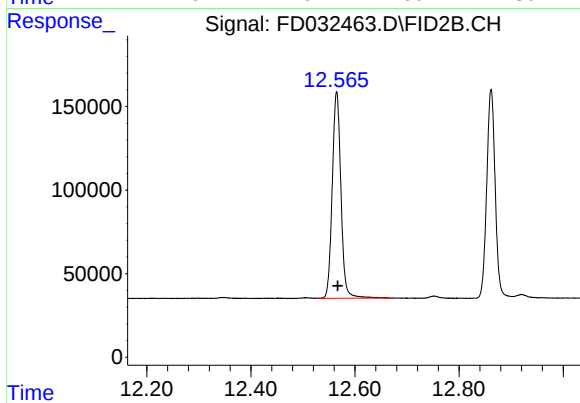
#10 Anthracene (C19.43)

R.T.: 10.830 min
Delta R.T.: -0.002 min
Response: 1433653
Conc: 10.22 ug/ml



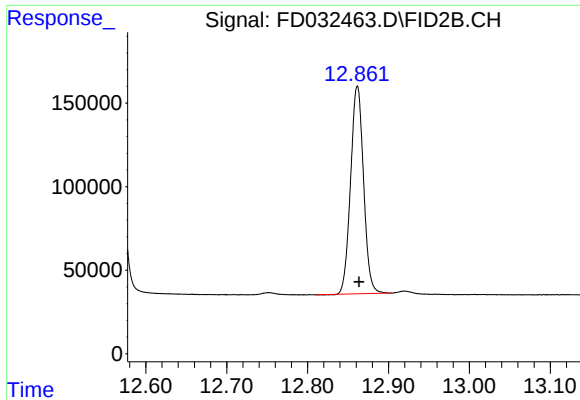
#11 ortho-Terphenyl (SURR)

R.T.: 11.522 min
Delta R.T.: 0.000 min
Response: 1413922
Conc: 10.20 ug/ml



#12 Fluoranthene (C21.85)

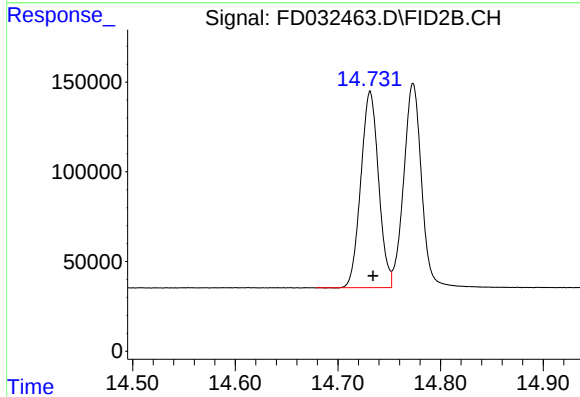
R.T.: 12.565 min
Delta R.T.: -0.002 min
Response: 1433035
Conc: 10.17 ug/ml



#13 Pyrene (C20.8)

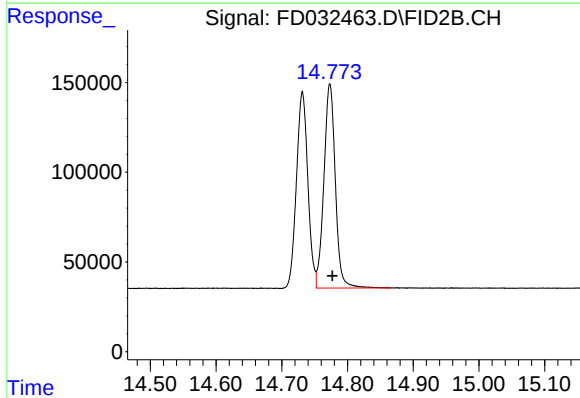
R.T.: 12.862 min
Delta R.T.: -0.002 min
Response: 1383557
Conc: 9.94 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



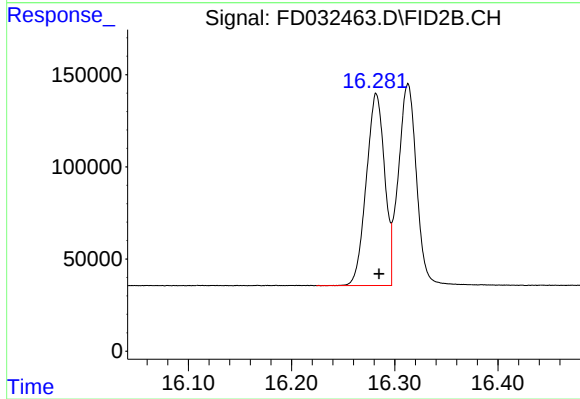
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.731 min
Delta R.T.: -0.003 min
Response: 1316288
Conc: 9.98 ug/ml



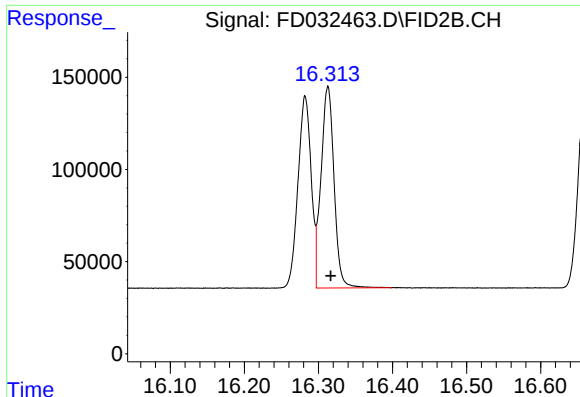
#15 Chrysene (C27.41)

R.T.: 14.773 min
Delta R.T.: -0.004 min
Response: 1378139
Conc: 10.25 ug/ml



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

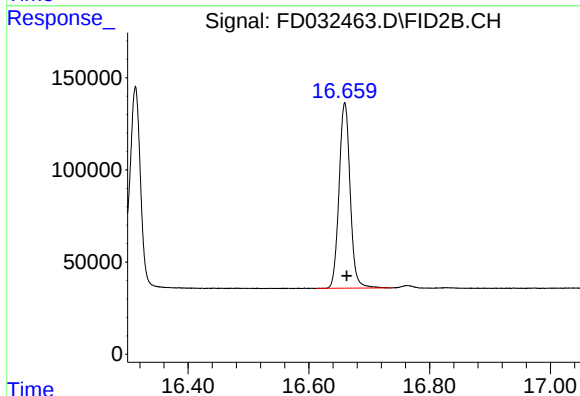
R.T.: 16.282 min
Delta R.T.: -0.003 min
Response: 1286236
Conc: 9.93 ug/ml



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

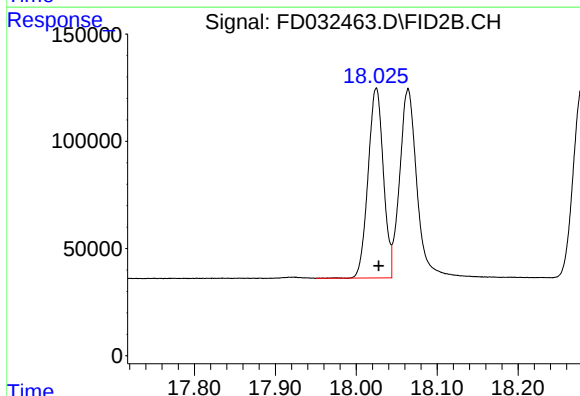
R.T.: 16.313 min
Delta R.T.: -0.004 min
Response: 1336798
Conc: 10.19 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



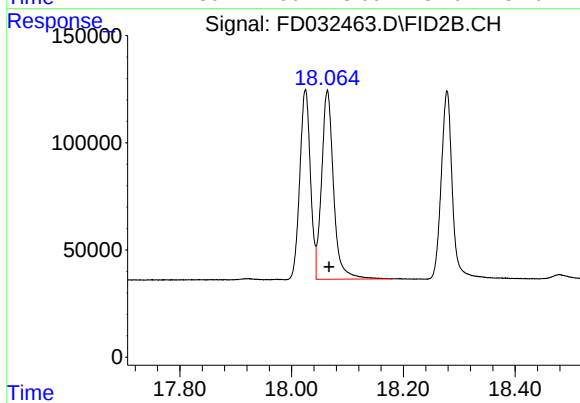
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.660 min
Delta R.T.: -0.003 min
Response: 1283110
Conc: 10.00 ug/ml



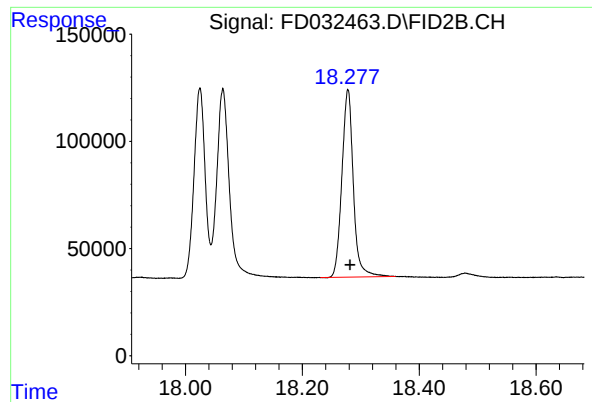
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.025 min
Delta R.T.: -0.003 min
Response: 1162648
Conc: 9.76 ug/ml



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

R.T.: 18.064 min
Delta R.T.: -0.003 min
Response: 1315217
Conc: 10.27 ug/ml



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

R.T.: 18.278 min
Delta R.T.: -0.004 min
Response: 1190884
Conc: 10.06 ug/ml

Instrument :
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ClientSampleId :
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