

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090425AR\
 Data File : FD049721.D
 Signal(s) : FID2B.ch
 Acq On : 04 Sep 2025 11:38
 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: Sep 05 06:21:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:18:55 2025
 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...	7.696	1103950	9.792 ug/ml
Spiked Amount 50.000		Recovery =	19.58%
6) S 2-Fluorobiphenyl (SURR)	8.560	784665	9.673 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.35%
11) S ortho-Terphenyl (SURR)	11.607	1399473	9.769 ug/ml
Spiked Amount 50.000		Recovery =	19.54%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	1063806	9.884 ug/ml
2) T Naphthalene (C11.7)	6.032	1213442	9.743 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	1271229	9.725 ug/ml
5) T Acenaphthylene (C15.06)	8.364	1364366	9.783 ug/ml
7) T Acenaphthene (C15.5)	8.659	1365728	9.789 ug/ml
8) T Flouorene (C16.55)	9.441	1362341	9.715 ug/ml
9) T Phenanthrene (C19.36)	10.839	1363521	9.605 ug/ml
10) T Anthracene (C19.43)	10.913	1291559	9.629 ug/ml
12) T Fluoranthene (C21.85)	12.652	1306755	9.569 ug/ml
13) T Pyrene (C20.8)	12.949	1298472	9.625 ug/ml
14) T Benzo[a]anthracene (C...	14.821	1173101	9.740 ug/ml
15) T Chrysene (C27.41)	14.863	1194158	9.786 ug/ml
16) T benzo[b]fluoranthene ...	16.371	1196416	9.904 ug/ml
17) T Bnezo[k]fluoranthene ...	16.403	1135613	9.931 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.750	1175249	9.866 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.113	1079787	9.744 ug/ml
20) T Dibenz[a,h]anthracene...	18.154	1161284	9.873 ug/ml
21) T Benzo[g,h,i]perylene ...	18.366	1177944	9.884 ug/ml

(f)=RT Delta > 1/2 Window

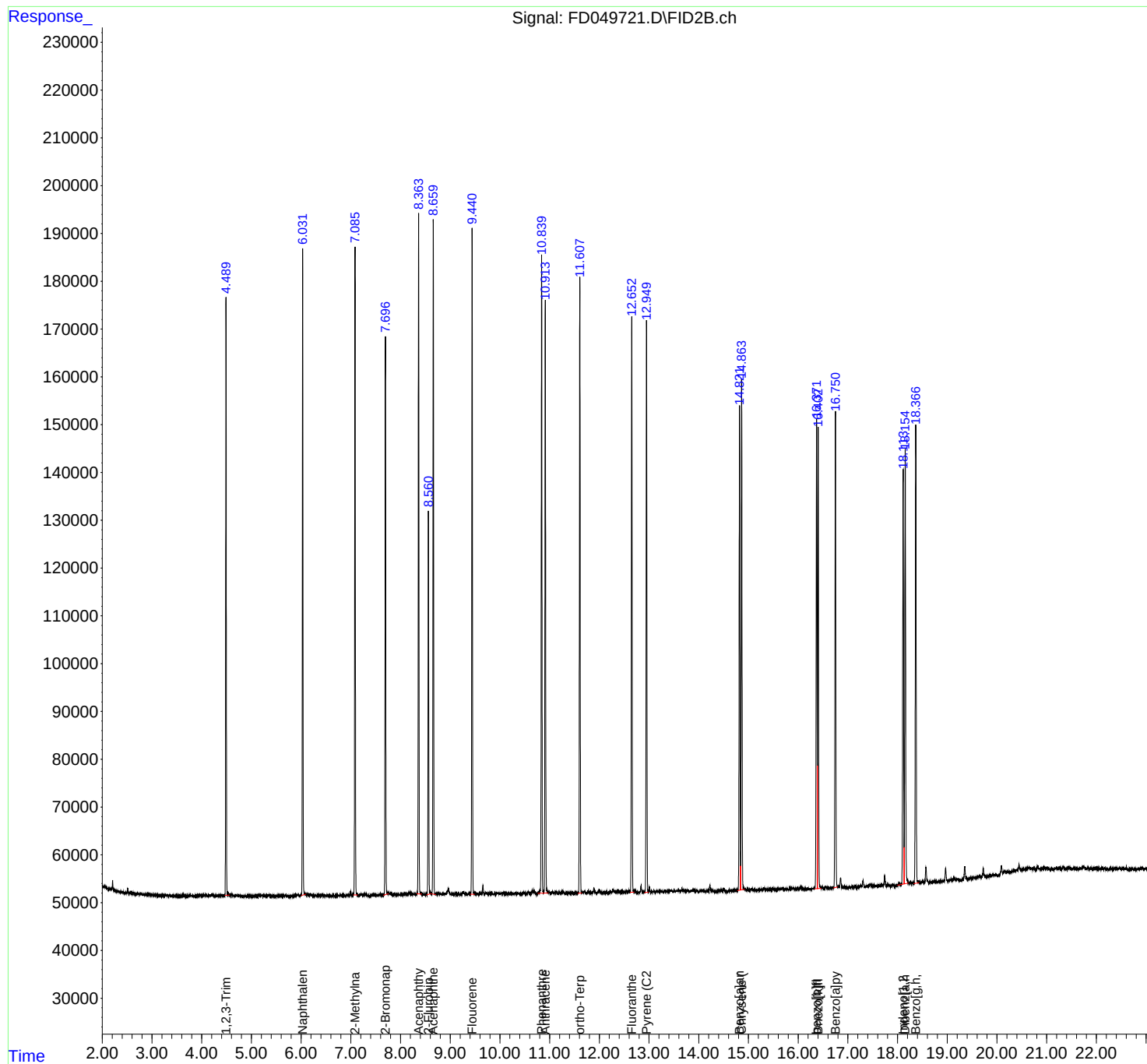
(m)=manual int.

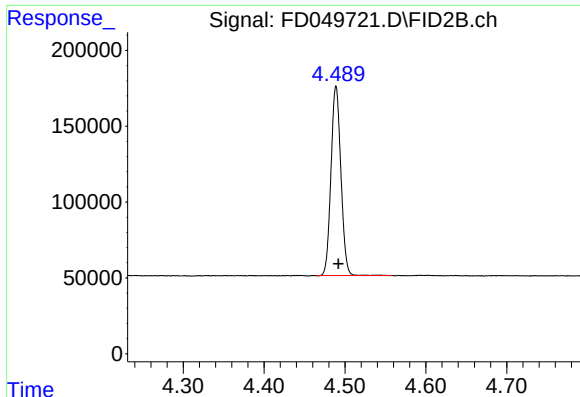
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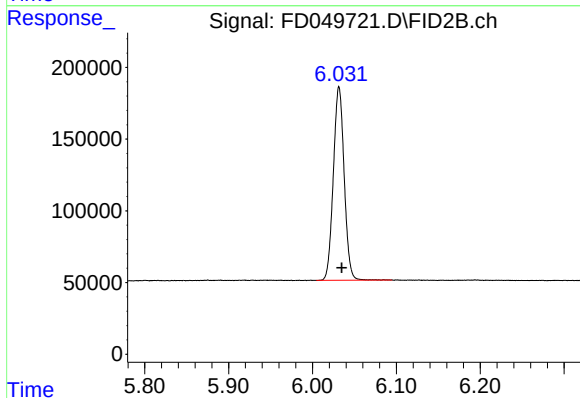




#1 1,2,3-Trimethylbenzene (C10.1)

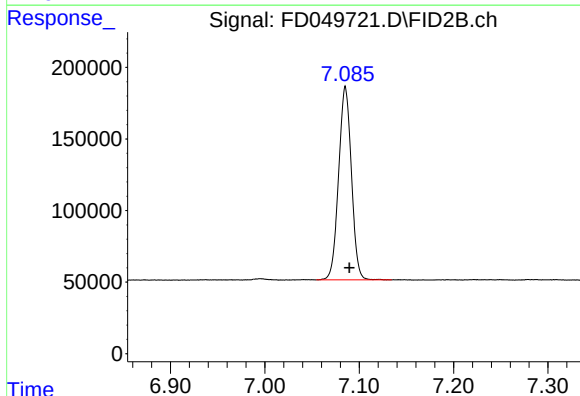
R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 1063806
Conc: 9.88 ug/ml

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10 PPM AROMATIC HC STD4



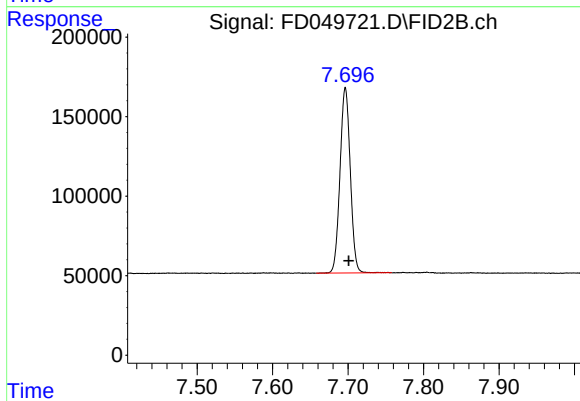
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 1213442
Conc: 9.74 ug/ml



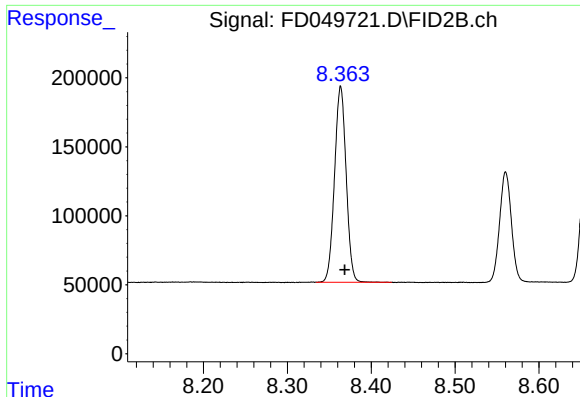
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 1271229
Conc: 9.73 ug/ml



#4 2-Bromonaphthalene (SURR)

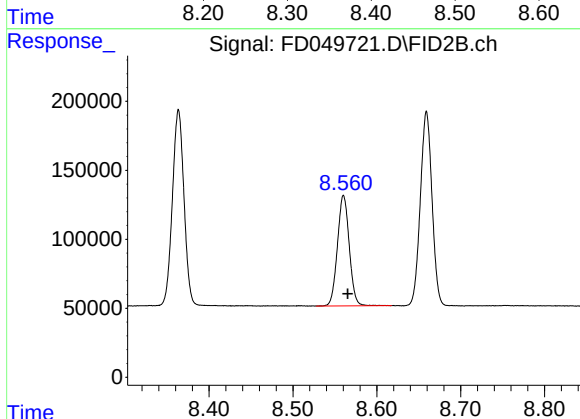
R.T.: 7.696 min
Delta R.T.: -0.004 min
Response: 1103950
Conc: 9.79 ug/ml



#5 Acenaphthylene (C15.06)

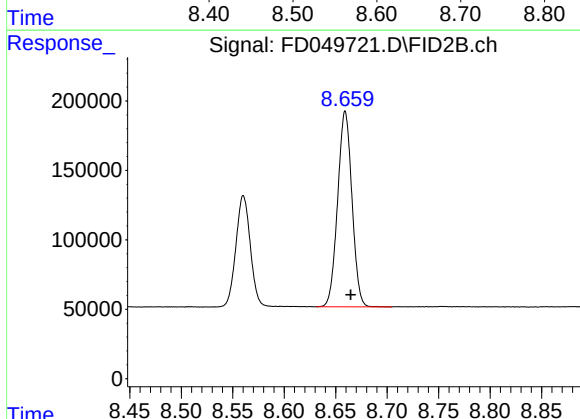
R.T.: 8.364 min
Delta R.T.: -0.005 min
Response: 1364366
Conc: 9.78 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



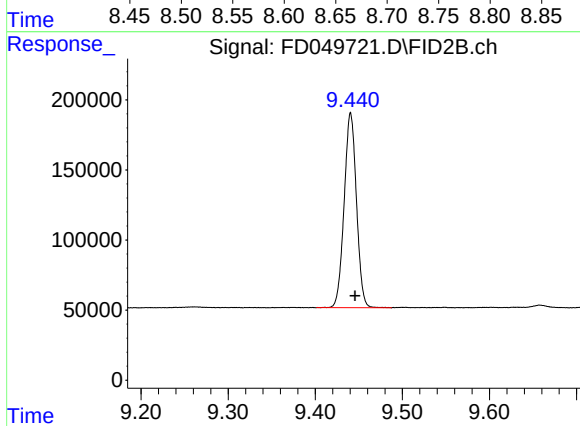
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.560 min
Delta R.T.: -0.005 min
Response: 784665
Conc: 9.67 ug/ml



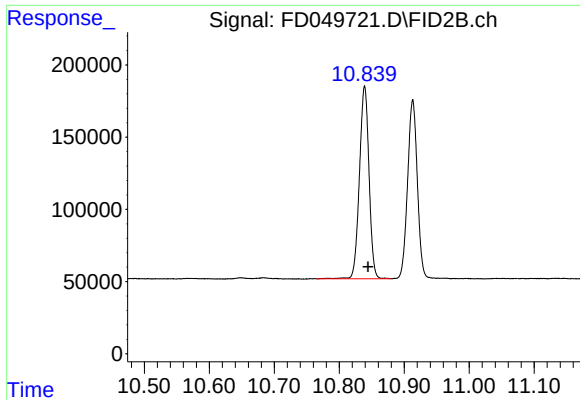
#7 Acenaphthene (C15.5)

R.T.: 8.659 min
Delta R.T.: -0.005 min
Response: 1365728
Conc: 9.79 ug/ml



#8 Flouorene (C16.55)

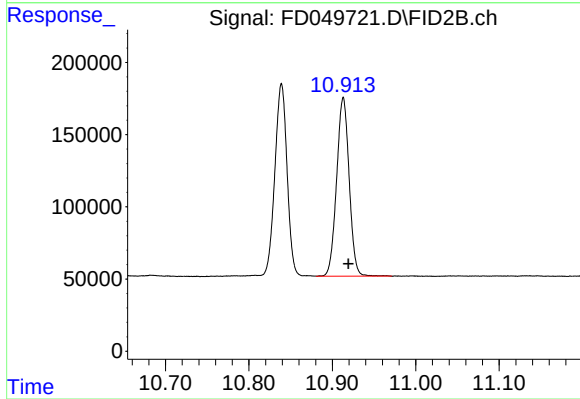
R.T.: 9.441 min
Delta R.T.: -0.005 min
Response: 1362341
Conc: 9.71 ug/ml



#9 Phenanthrene (C19.36)

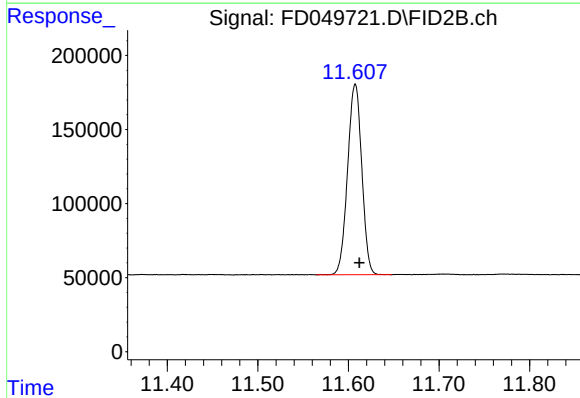
R.T.: 10.839 min
Delta R.T.: -0.006 min
Response: 1363521
Conc: 9.60 ug/ml

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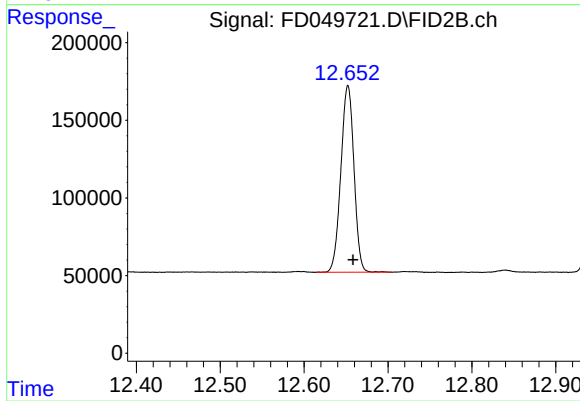
#10 Anthracene (C19.43)

R.T.: 10.913 min
Delta R.T.: -0.006 min
Response: 1291559
Conc: 9.63 ug/ml



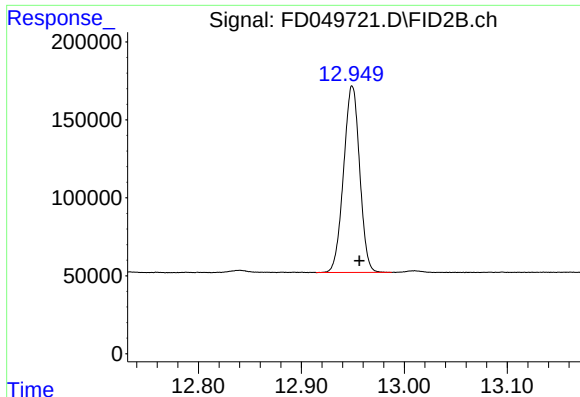
#11 ortho-Terphenyl (SURR)

R.T.: 11.607 min
Delta R.T.: -0.005 min
Response: 1399473
Conc: 9.77 ug/ml



#12 Fluoranthene (C21.85)

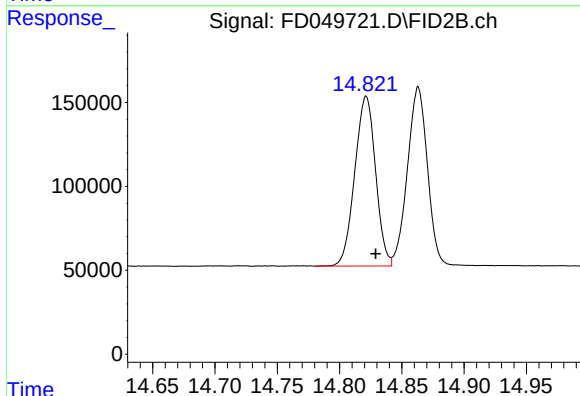
R.T.: 12.652 min
Delta R.T.: -0.006 min
Response: 1306755
Conc: 9.57 ug/ml



#13 Pyrene (C20.8)

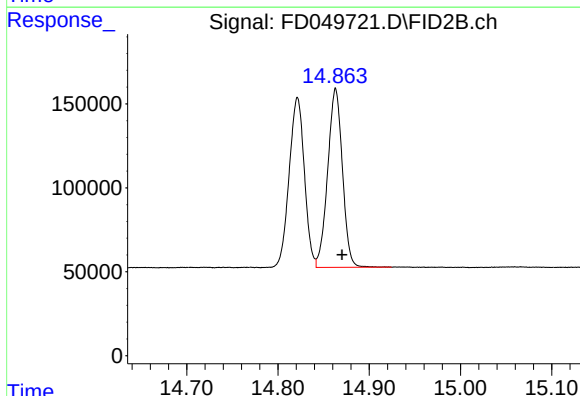
R.T.: 12.949 min
Delta R.T.: -0.007 min
Response: 1298472
Conc: 9.62 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



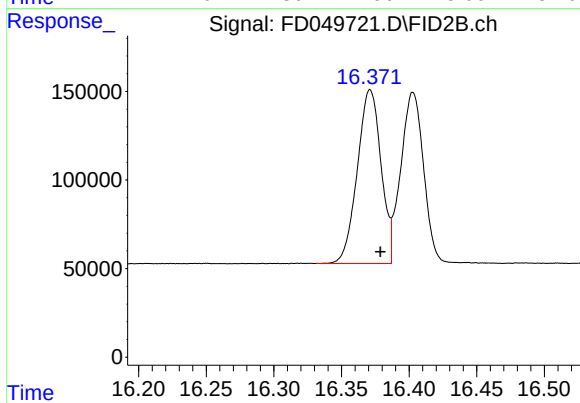
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.821 min
Delta R.T.: -0.008 min
Response: 1173101
Conc: 9.74 ug/ml



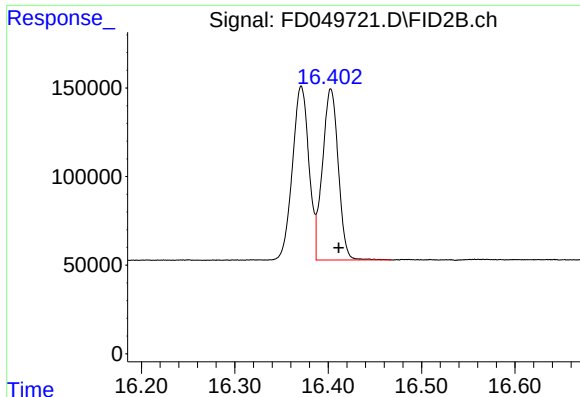
#15 Chrysene (C27.41)

R.T.: 14.863 min
Delta R.T.: -0.007 min
Response: 1194158
Conc: 9.79 ug/ml



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

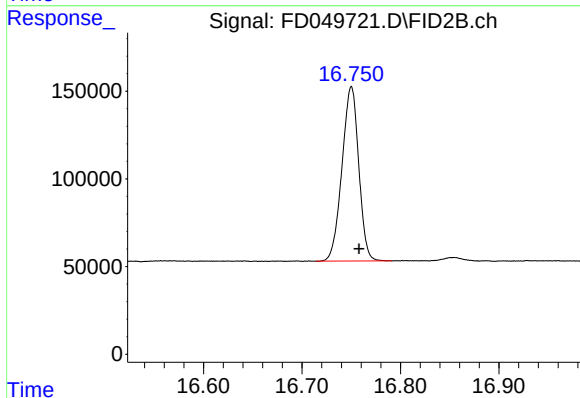
R.T.: 16.371 min
Delta R.T.: -0.008 min
Response: 1196416
Conc: 9.90 ug/ml



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

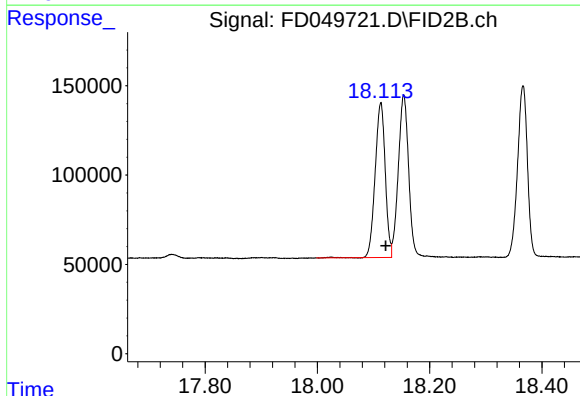
R.T.: 16.403 min
Delta R.T.: -0.009 min
Response: 1135613
Conc: 9.93 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



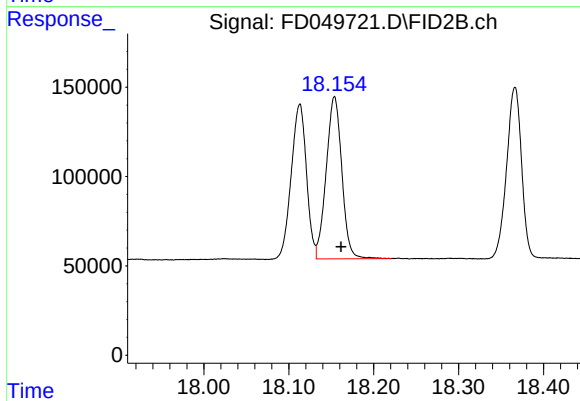
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.750 min
Delta R.T.: -0.008 min
Response: 1175249
Conc: 9.87 ug/ml



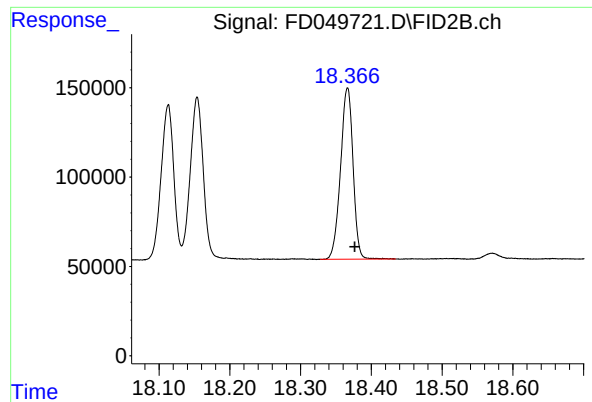
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.113 min
Delta R.T.: -0.009 min
Response: 1079787
Conc: 9.74 ug/ml



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

R.T.: 18.154 min
Delta R.T.: -0.008 min
Response: 1161284
Conc: 9.87 ug/ml



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

R.T.: 18.366 min
Delta R.T.: -0.010 min
Response: 1177944
Conc: 9.88 ug/ml

Instrument :
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ClientSampleId :
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