

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110220AR\
 Data File : FD035257.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 5:12
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Nov 03 06:24:10 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 05:09:03 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...	7.642	1181540	9.866 ug/ml
Spiked Amount 50.000		Recovery =	19.73%
6) S 2-Fluorobiphenyl (SURR)	8.506	806521	9.624 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.25%
11) S ortho-Terphenyl (SURR)	11.543	1436689	10.087 ug/ml
Spiked Amount 50.000		Recovery =	20.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.440	1330607	10.001 ug/ml
2) T Naphthalene (C11.7)	5.980	1384197	9.921 ug/ml
3) T 2-Methylnaphthalene (...)	7.032	1391907	9.860 ug/ml
5) T Acenaphthylene (C15.06)	8.307	1383009	9.990 ug/ml
7) T Acenaphthene (C15.5)	8.601	1428107	10.005 ug/ml
8) T Fluorene (C16.55)	9.384	1357259	9.857 ug/ml
9) T Phenanthrene (C19.36)	10.780	1342453	9.758 ug/ml
10) T Anthracene (C19.43)	10.855	1400404	9.948 ug/ml
12) T Fluoranthene (C21.85)	12.591	1394901	10.029 ug/ml
13) T Pyrene (C20.8)	12.888	1383451	10.271 ug/ml
14) T Benzo[a]anthracene (C...	14.760	1206647	9.703 ug/ml
15) T Chrysene (C27.41)	14.802	1401065	10.236 ug/ml
16) T benzo[b]fluoranthene ...	16.310	1205998	9.840 ug/ml
17) T Bnezo[k]fluoranthene ...	16.341	1286624	10.247 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.691	1143322	10.065 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.055	998218	9.528 ug/ml
20) T Dibenz[a,h]anthracene...	18.093	1245861	10.464 ug/ml
21) T Benzo[g,h,i]perylene ...	18.307	1114331	10.051 ug/ml

(f)=RT Delta > 1/2 Window

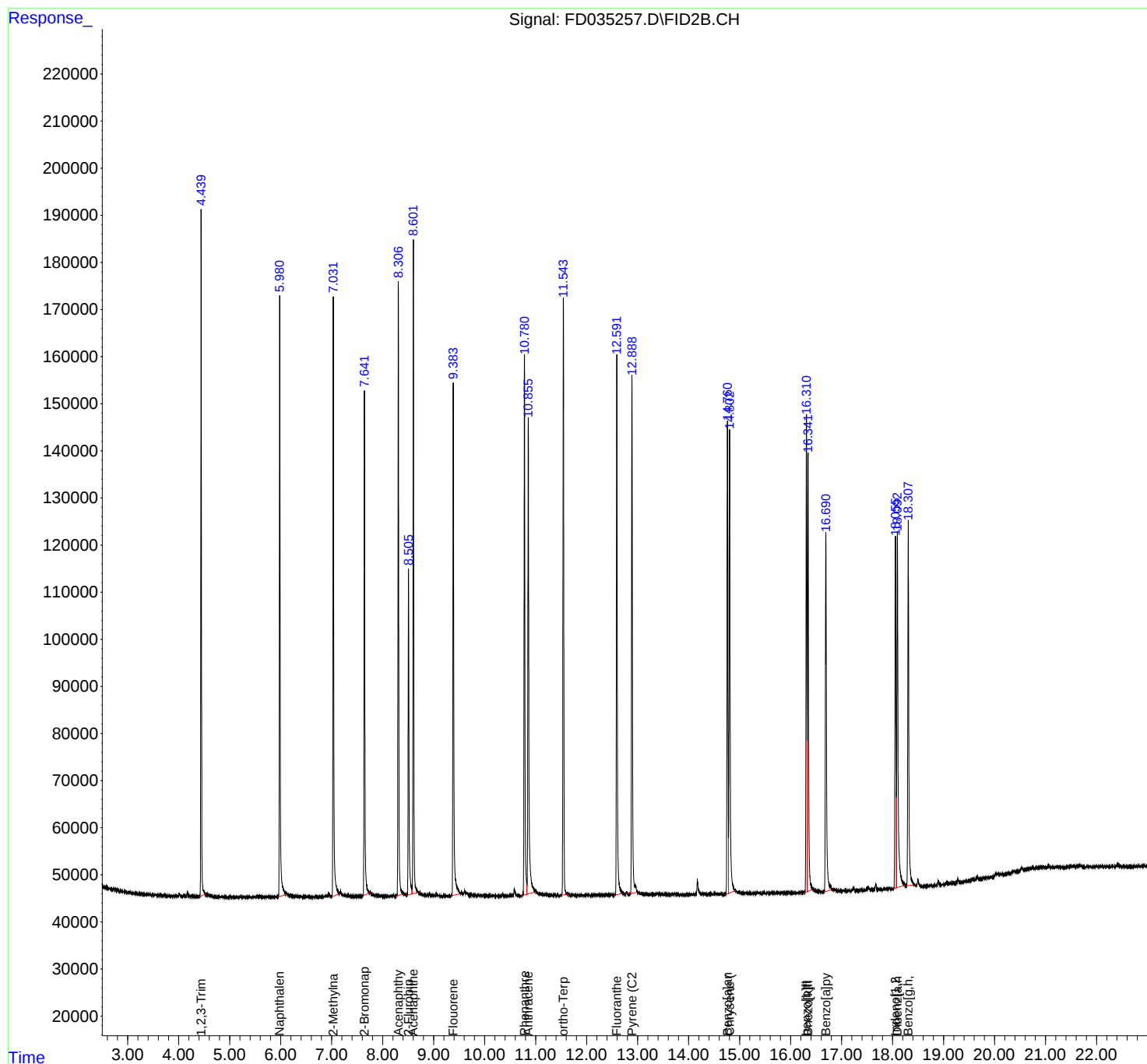
(m)=manual int.

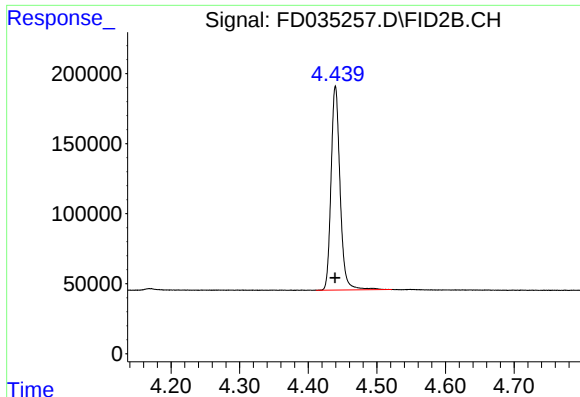
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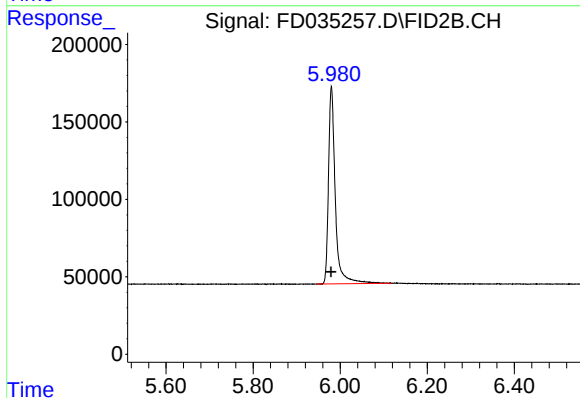




#1 1,2,3-Trimethylbenzene (C10.1)

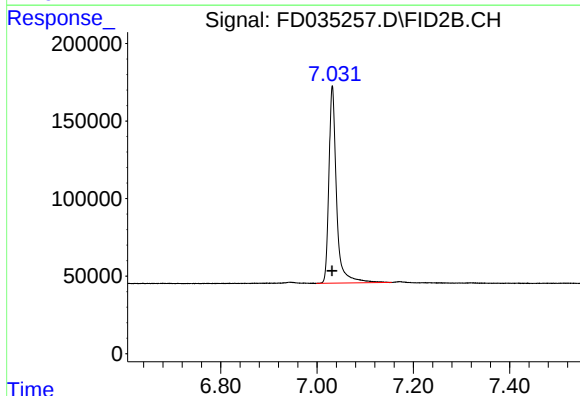
R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 1330607
Conc: 10.00 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



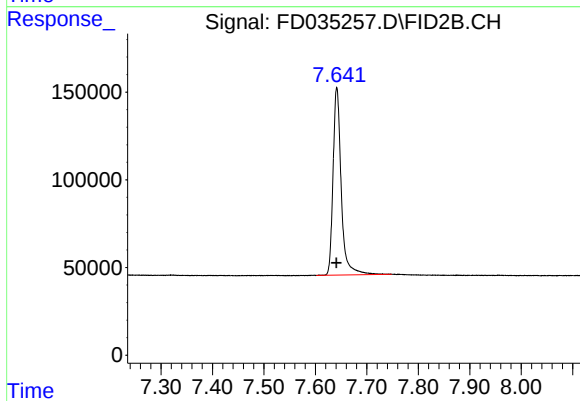
#2 Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: 0.001 min
Response: 1384197
Conc: 9.92 ug/ml



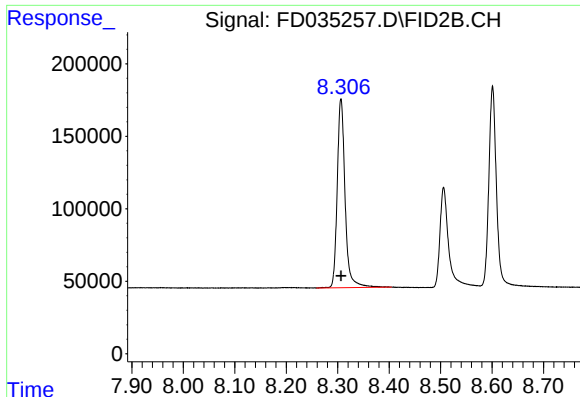
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 1391907
Conc: 9.86 ug/ml



#4 2-Bromonaphthalene (SURR)

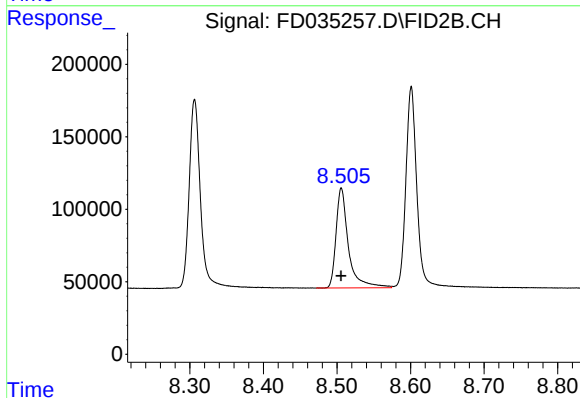
R.T.: 7.642 min
Delta R.T.: 0.001 min
Response: 1181540
Conc: 9.87 ug/ml



#5 Acenaphthylene (C15.06)

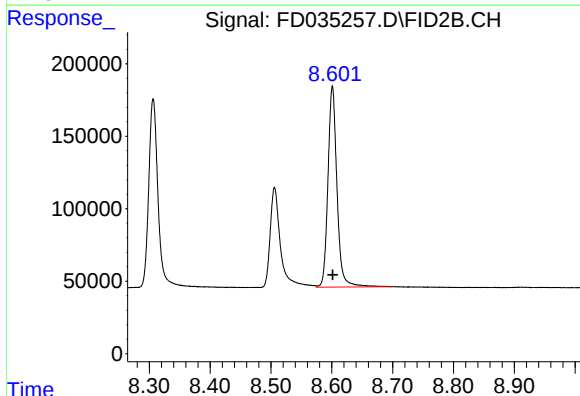
R.T.: 8.307 min
Delta R.T.: 0.000 min
Response: 1383009
Conc: 9.99 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



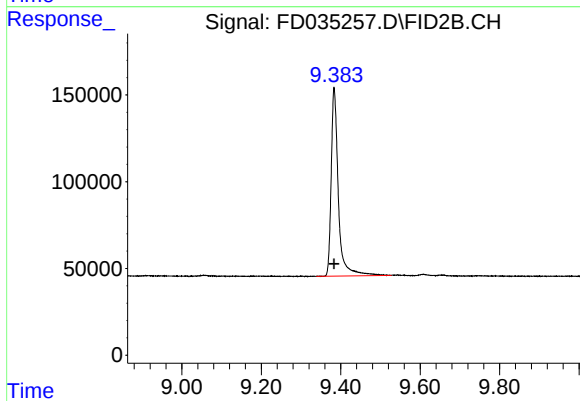
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.506 min
Delta R.T.: 0.000 min
Response: 806521
Conc: 9.62 ug/ml



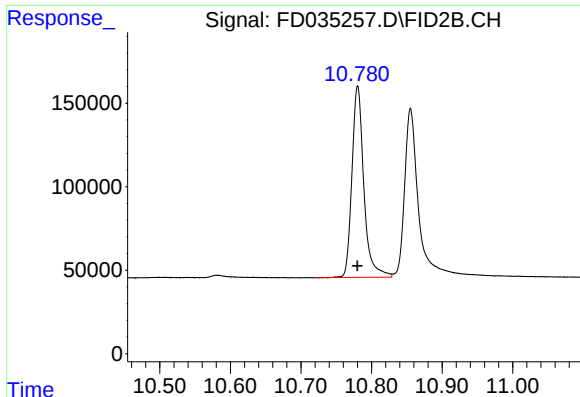
#7 Acenaphthene (C15.5)

R.T.: 8.601 min
Delta R.T.: 0.000 min
Response: 1428107
Conc: 10.01 ug/ml



#8 Flouorene (C16.55)

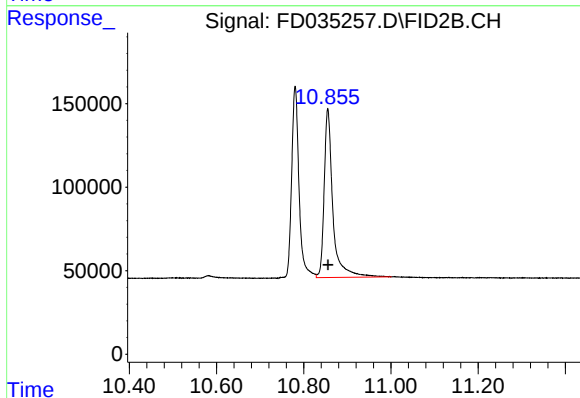
R.T.: 9.384 min
Delta R.T.: 0.000 min
Response: 1357259
Conc: 9.86 ug/ml



#9 Phenanthrene (C19.36)

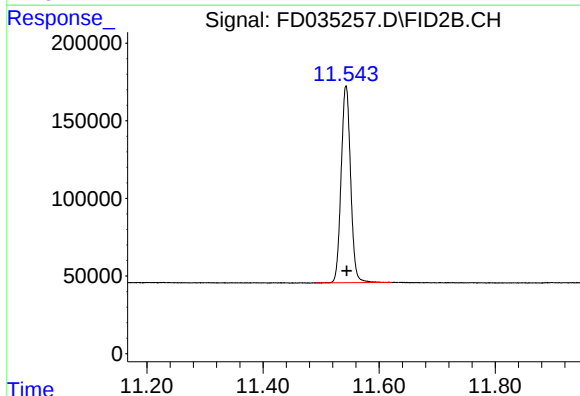
R.T.: 10.780 min
Delta R.T.: 0.000 min
Response: 1342453
Conc: 9.76 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



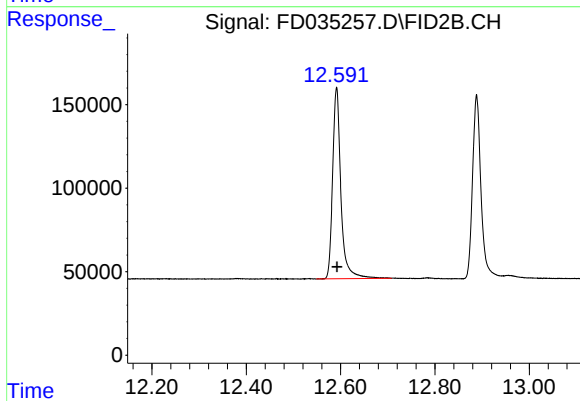
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: 0.000 min
Response: 1400404
Conc: 9.95 ug/ml



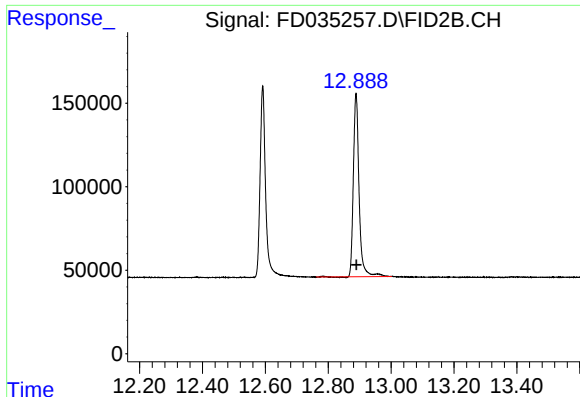
#11 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: -0.001 min
Response: 1436689
Conc: 10.09 ug/ml



#12 Fluoranthene (C21.85)

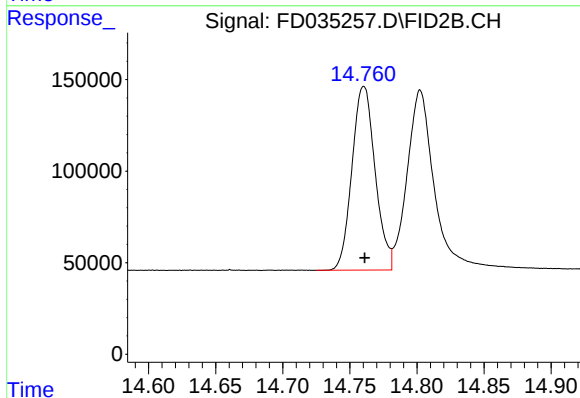
R.T.: 12.591 min
Delta R.T.: -0.001 min
Response: 1394901
Conc: 10.03 ug/ml



#13 Pyrene (C20.8)

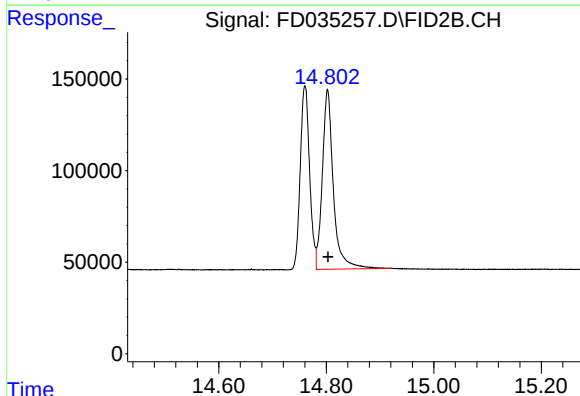
R.T.: 12.888 min
Delta R.T.: 0.000 min
Response: 1383451
Conc: 10.27 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



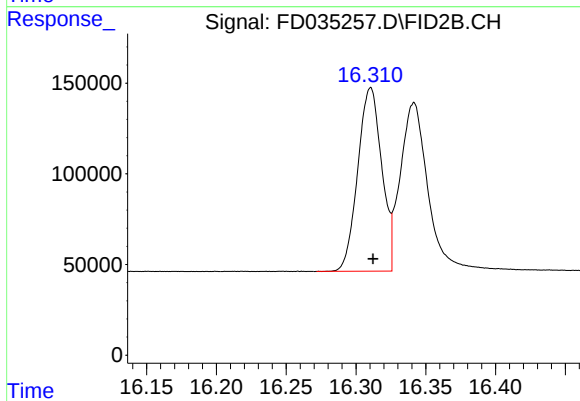
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.760 min
Delta R.T.: 0.000 min
Response: 1206647
Conc: 9.70 ug/ml



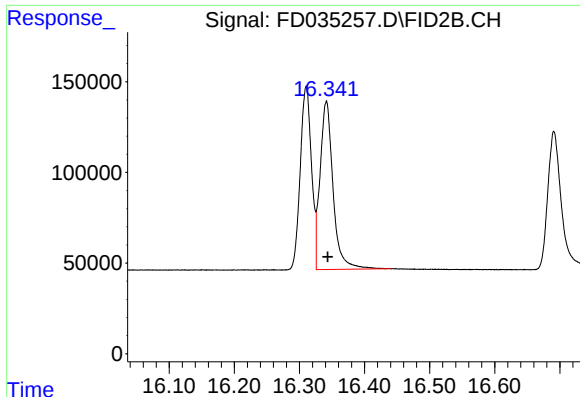
#15 Chrysene (C27.41)

R.T.: 14.802 min
Delta R.T.: 0.000 min
Response: 1401065
Conc: 10.24 ug/ml



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

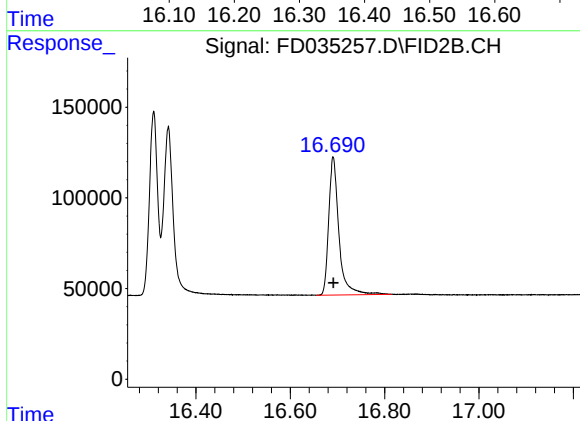
R.T.: 16.310 min
Delta R.T.: -0.002 min
Response: 1205998
Conc: 9.84 ug/ml



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

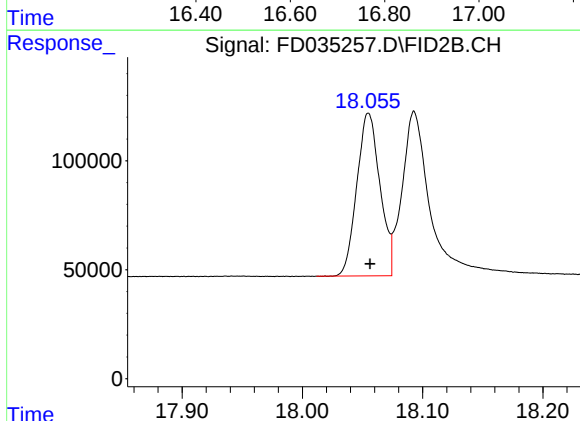
R.T.: 16.341 min
Delta R.T.: -0.002 min
Response: 1286624
Conc: 10.25 ug/ml

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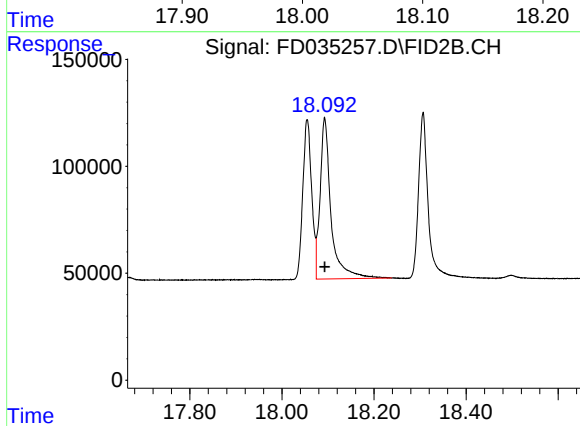
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.691 min
Delta R.T.: 0.000 min
Response: 1143322
Conc: 10.07 ug/ml



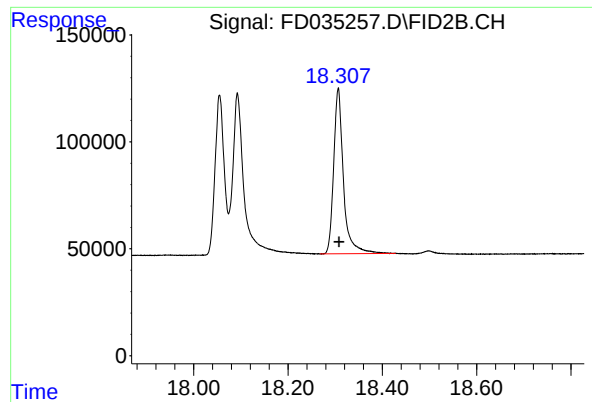
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.055 min
Delta R.T.: -0.001 min
Response: 998218
Conc: 9.53 ug/ml



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

R.T.: 18.093 min
Delta R.T.: 0.000 min
Response: 1245861
Conc: 10.46 ug/ml



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

R.T.: 18.307 min
Delta R.T.: -0.002 min
Response: 1114331
Conc: 10.05 ug/ml

Instrument :
FID_D
ClientSampleId :
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