

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AR\
 Data File : FD039274.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 20:20
 Operator : AJ\MA
 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: Oct 27 09:34:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:32:55 2021
 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...	7.757	1140638	9.933 ug/ml
Spiked Amount 50.000		Recovery =	19.87%
6) S 2-Fluorobiphenyl (SURR)	8.627	789205	9.916 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.83%
11) S ortho-Terphenyl (SURR)	11.670	1257108	9.967 ug/ml
Spiked Amount 50.000		Recovery =	19.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.547	1208725	9.976 ug/ml
2) T Naphthalene (C11.7)	6.094	1262921	9.849 ug/ml
3) T 2-Methylnaphthalene (...)	7.148	1309618	9.968 ug/ml
5) T Acenaphthylene (C15.06)	8.429	1214968	9.953 ug/ml
7) T Acenaphthene (C15.5)	8.724	1282586	9.922 ug/ml
8) T Fluorene (C16.55)	9.507	1263500	9.811 ug/ml
9) T Phenanthrene (C19.36)	10.910	1270710	9.931 ug/ml
10) T Anthracene (C19.43)	10.984	1274361	10.021 ug/ml
12) T Fluoranthene (C21.85)	12.725	1269546	9.811 ug/ml
13) T Pyrene (C20.8)	13.024	1250589	9.946 ug/ml
14) T Benzo[a]anthracene (C...	14.898	1164651	9.944 ug/ml
15) T Chrysene (C27.41)	14.940	1247517	10.075 ug/ml
16) T benzo[b]fluoranthene ...	16.450	1155760	10.011 ug/ml
17) T Bnezo[k]fluoranthene ...	16.482	1166255	10.045 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.830	1122176	10.026 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.196	1040701	10.082 ug/ml
20) T Dibenz[a,h]anthracene...	18.233	1073550	10.281 ug/ml
21) T Benzo[g,h,i]perylene ...	18.451	1041429	10.164 ug/ml

(f)=RT Delta > 1/2 Window

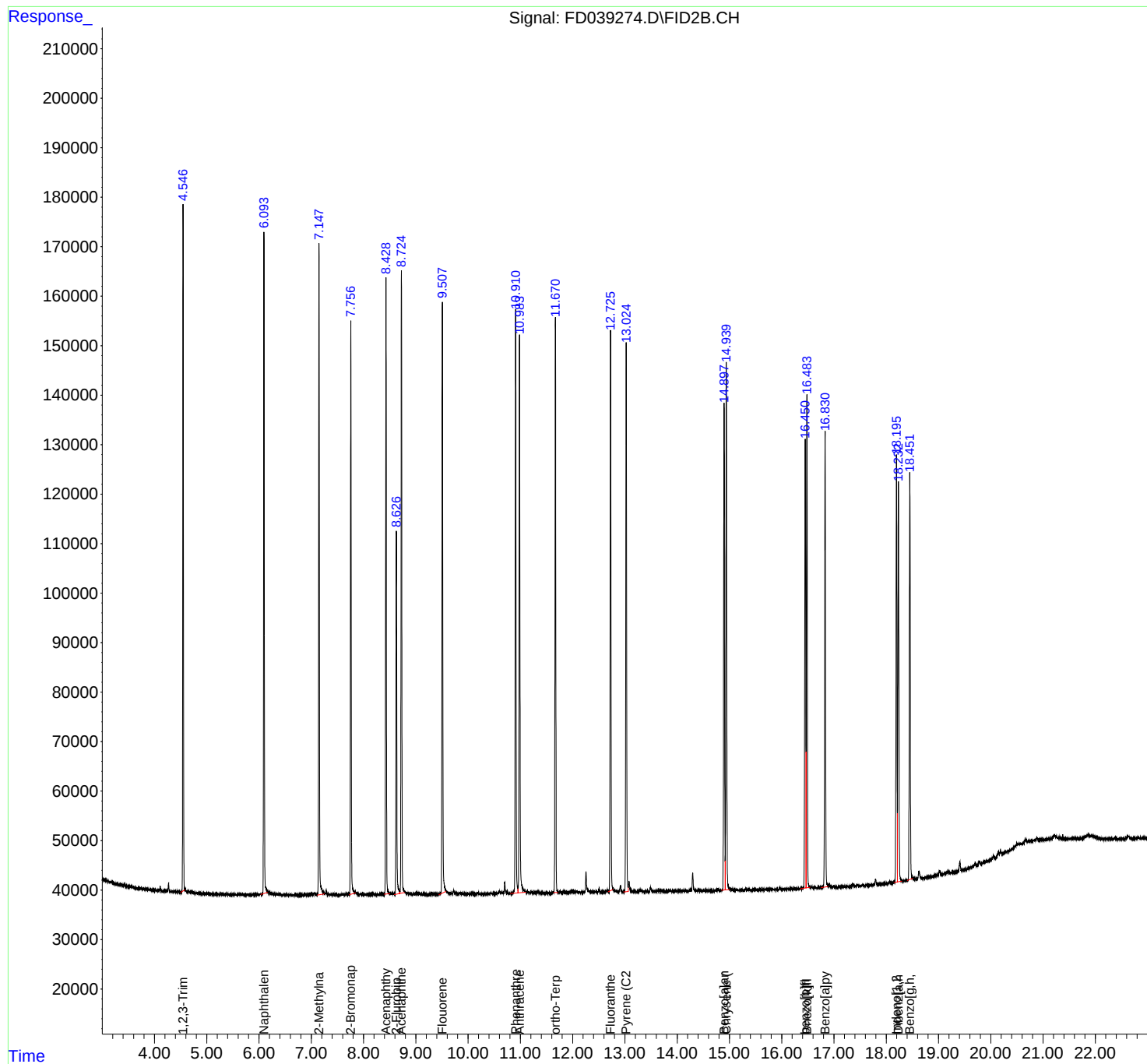
(m)=manual int.

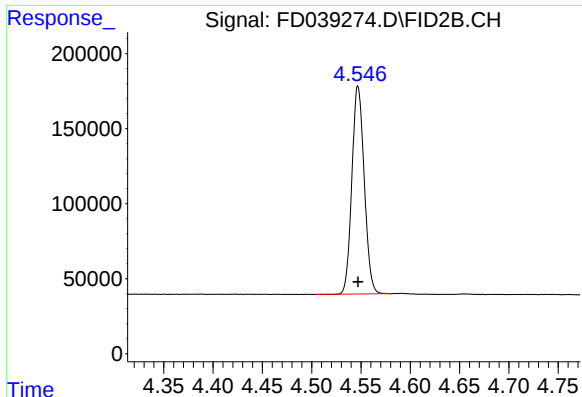
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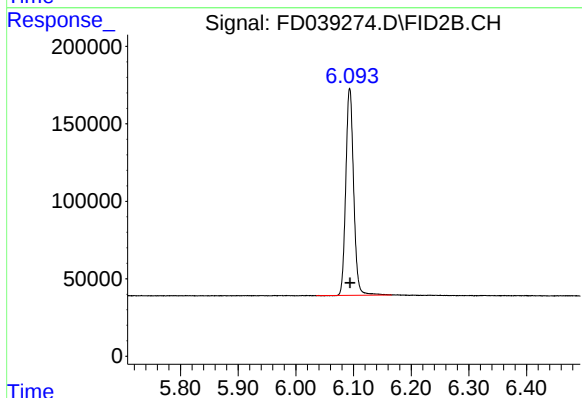




#1 1,2,3-Trimethylbenzene (C10.1)

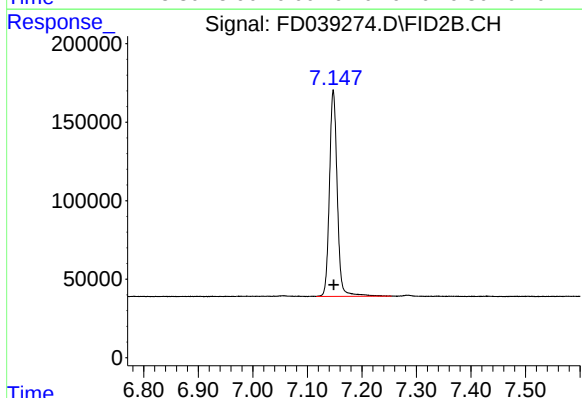
R.T.: 4.547 min
Delta R.T.: 0.000 min
Response: 1208725
Conc: 9.98 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



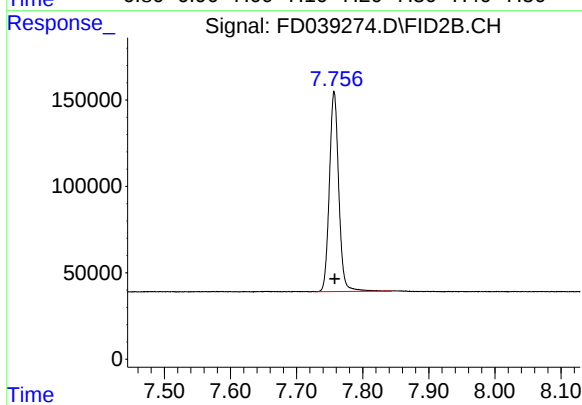
#2 Naphthalene (C11.7)

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 1262921
Conc: 9.85 ug/ml



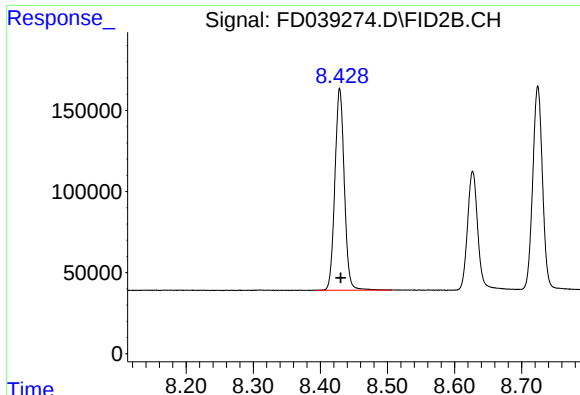
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.148 min
Delta R.T.: -0.001 min
Response: 1309618
Conc: 9.97 ug/ml



#4 2-Bromonaphthalene (SURR)

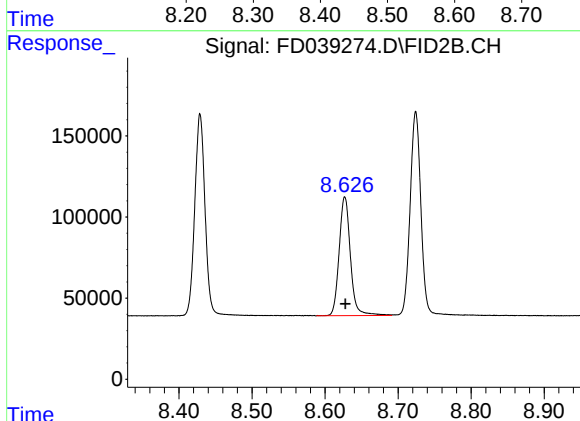
R.T.: 7.757 min
Delta R.T.: 0.000 min
Response: 1140638
Conc: 9.93 ug/ml



#5 Acenaphthylene (C15.06)

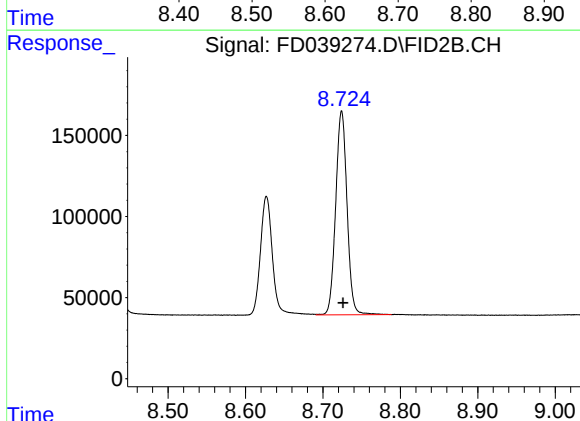
R.T.: 8.429 min
Delta R.T.: -0.001 min
Response: 1214968
Conc: 9.95 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



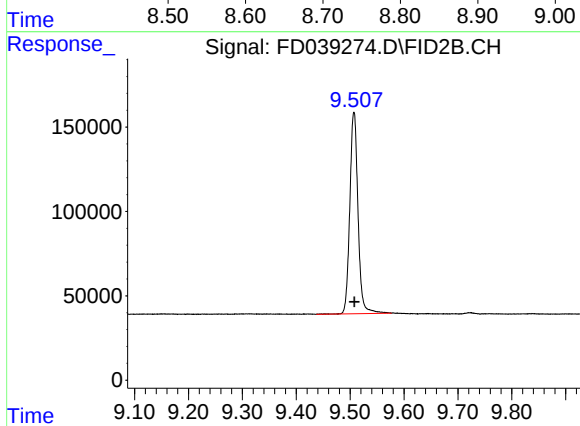
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.627 min
Delta R.T.: -0.001 min
Response: 789205
Conc: 9.92 ug/ml



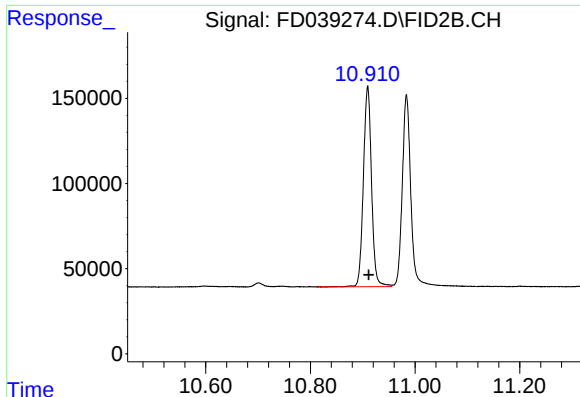
#7 Acenaphthene (C15.5)

R.T.: 8.724 min
Delta R.T.: -0.002 min
Response: 1282586
Conc: 9.92 ug/ml



#8 Fluorene (C16.55)

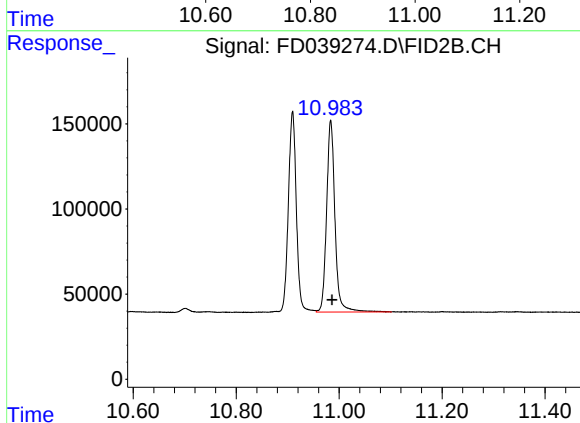
R.T.: 9.507 min
Delta R.T.: 0.000 min
Response: 1263500
Conc: 9.81 ug/ml



#9 Phenanthrene (C19.36)

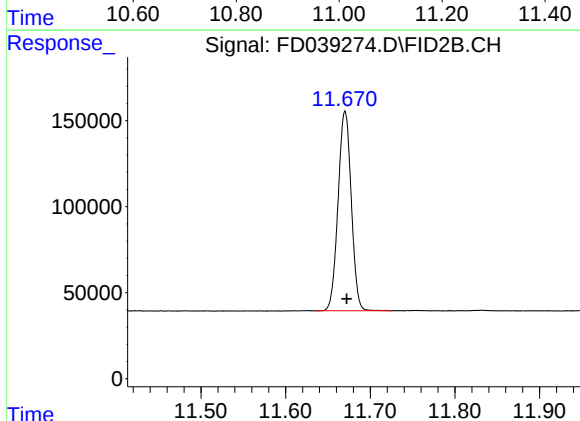
R.T.: 10.910 min
Delta R.T.: -0.002 min
Response: 1270710
Conc: 9.93 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



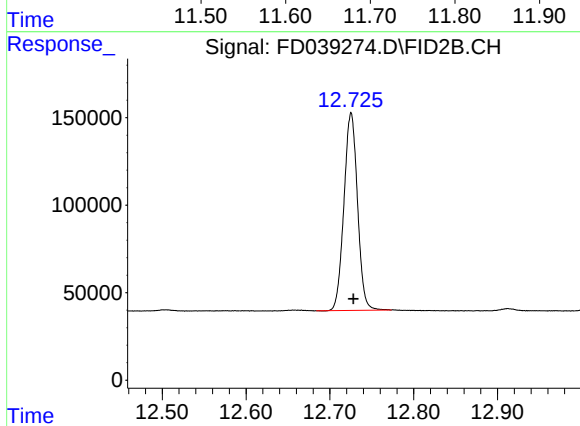
#10 Anthracene (C19.43)

R.T.: 10.984 min
Delta R.T.: -0.003 min
Response: 1274361
Conc: 10.02 ug/ml



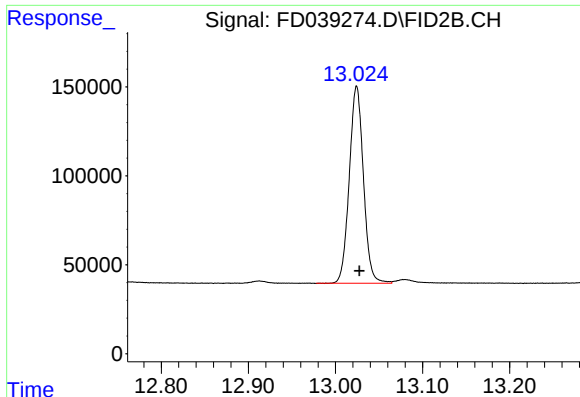
#11 ortho-Terphenyl (SURR)

R.T.: 11.670 min
Delta R.T.: -0.002 min
Response: 1257108
Conc: 9.97 ug/ml



#12 Fluoranthene (C21.85)

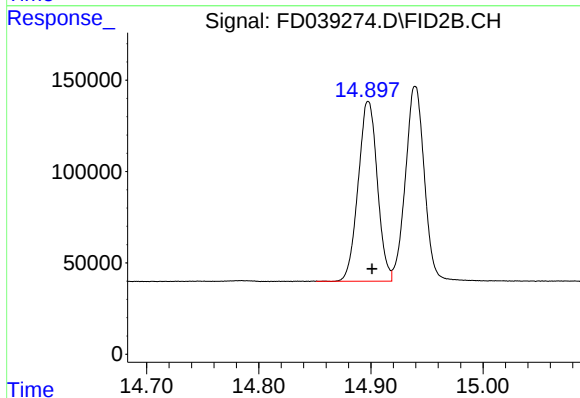
R.T.: 12.725 min
Delta R.T.: -0.003 min
Response: 1269546
Conc: 9.81 ug/ml



#13 Pyrene (C20.8)

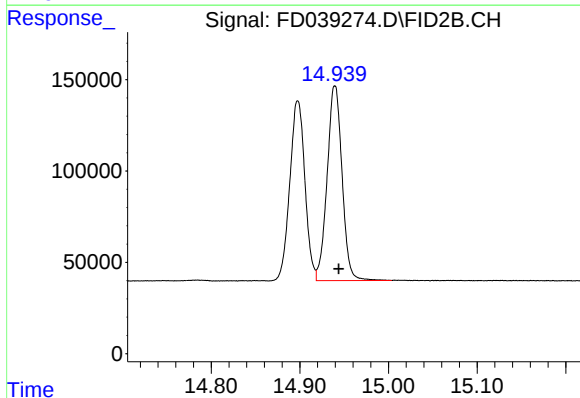
R.T.: 13.024 min
Delta R.T.: -0.003 min
Response: 1250589
Conc: 9.95 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



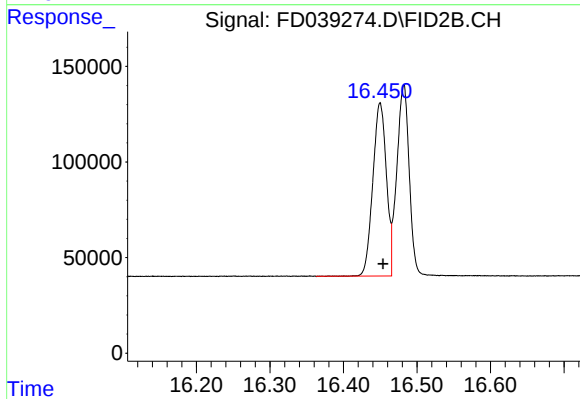
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.898 min
Delta R.T.: -0.003 min
Response: 1164651
Conc: 9.94 ug/ml



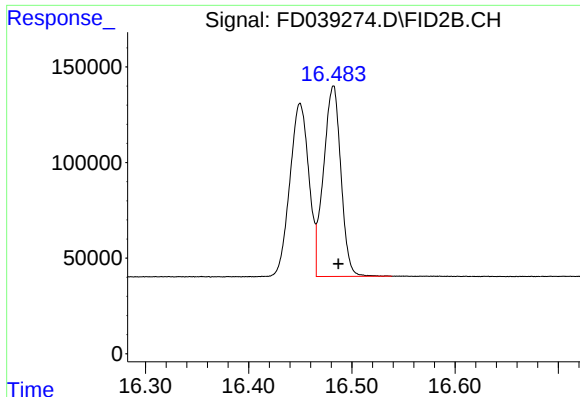
#15 Chrysene (C27.41)

R.T.: 14.940 min
Delta R.T.: -0.004 min
Response: 1247517
Conc: 10.08 ug/ml



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

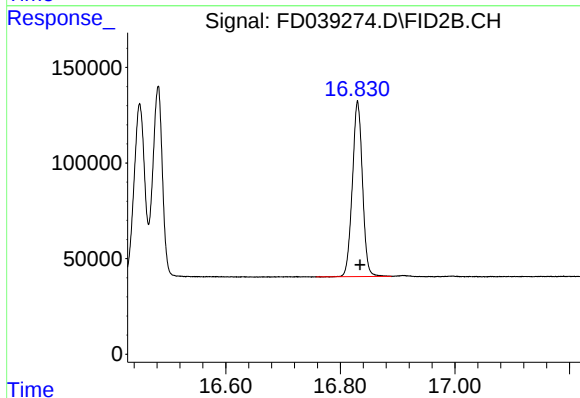
R.T.: 16.450 min
Delta R.T.: -0.004 min
Response: 1155760
Conc: 10.01 ug/ml



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

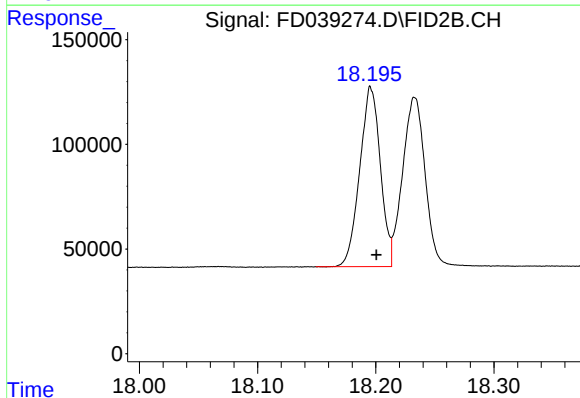
R.T.: 16.482 min
Delta R.T.: -0.005 min
Response: 1166255
Conc: 10.04 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



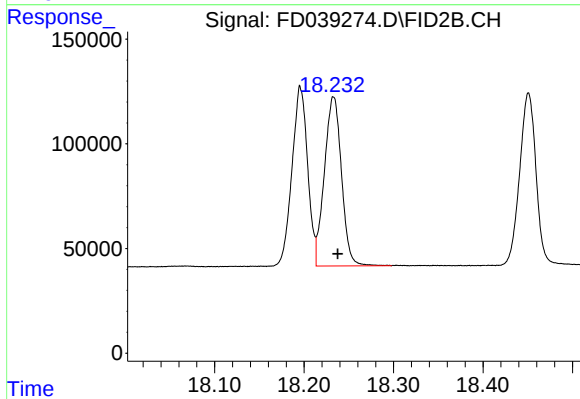
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.830 min
Delta R.T.: -0.004 min
Response: 1122176
Conc: 10.03 ug/ml



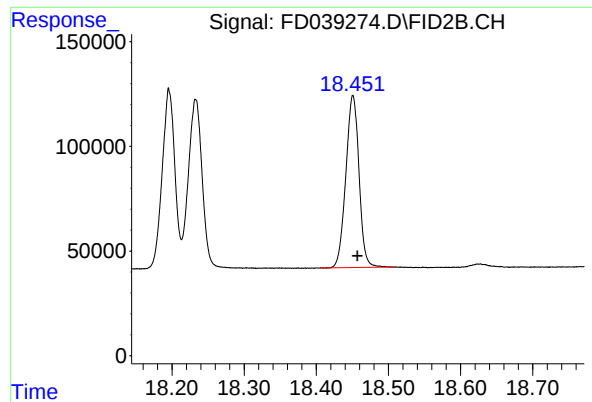
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.196 min
Delta R.T.: -0.005 min
Response: 1040701
Conc: 10.08 ug/ml



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

R.T.: 18.233 min
Delta R.T.: -0.005 min
Response: 1073550
Conc: 10.28 ug/ml



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

R.T.: 18.451 min
Delta R.T.: -0.006 min
Response: 1041429
Conc: 10.16 ug/ml

Instrument :
FID_D
ClientSampleId :
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