

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AR\
 Data File : FD039275.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 21:03
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Oct 27 09:35:03 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...	7.758	602402	5.246 ug/ml
Spiked Amount 50.000		Recovery =	10.49%
6) S 2-Fluorobiphenyl (SURR)	8.628	414316	5.206 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.41%
11) S ortho-Terphenyl (SURR)	11.671	680464	5.395 ug/ml
Spiked Amount 50.000		Recovery =	10.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.548	646470	5.336 ug/ml
2) T Naphthalene (C11.7)	6.095	670737	5.231 ug/ml
3) T 2-Methylnaphthalene (...)	7.148	685586	5.218 ug/ml
5) T Acenaphthylene (C15.06)	8.429	645920	5.292 ug/ml
7) T Acenaphthene (C15.5)	8.725	683386	5.287 ug/ml
8) T Fluorene (C16.55)	9.507	674972	5.241 ug/ml
9) T Phenanthrene (C19.36)	10.909	672838	5.259 ug/ml
10) T Anthracene (C19.43)	10.983	670014	5.269 ug/ml
12) T Fluoranthene (C21.85)	12.725	691730	5.346 ug/ml
13) T Pyrene (C20.8)	13.024	658662	5.238 ug/ml
14) T Benzo[a]anthracene (C...	14.897	619437	5.289 ug/ml
15) T Chrysene (C27.41)	14.938	673257	5.437 ug/ml
16) T benzo[b]fluoranthene ...	16.449	619679	5.368 ug/ml
17) T Bnezo[k]fluoranthene ...	16.480	629391	5.421 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.830	604922	5.405 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.195	566060	5.484 ug/ml
20) T Dibenz[a,h]anthracene...	18.232	599650	5.742 ug/ml
21) T Benzo[g,h,i]perylene ...	18.450	572013	5.583 ug/ml

(f)=RT Delta > 1/2 Window

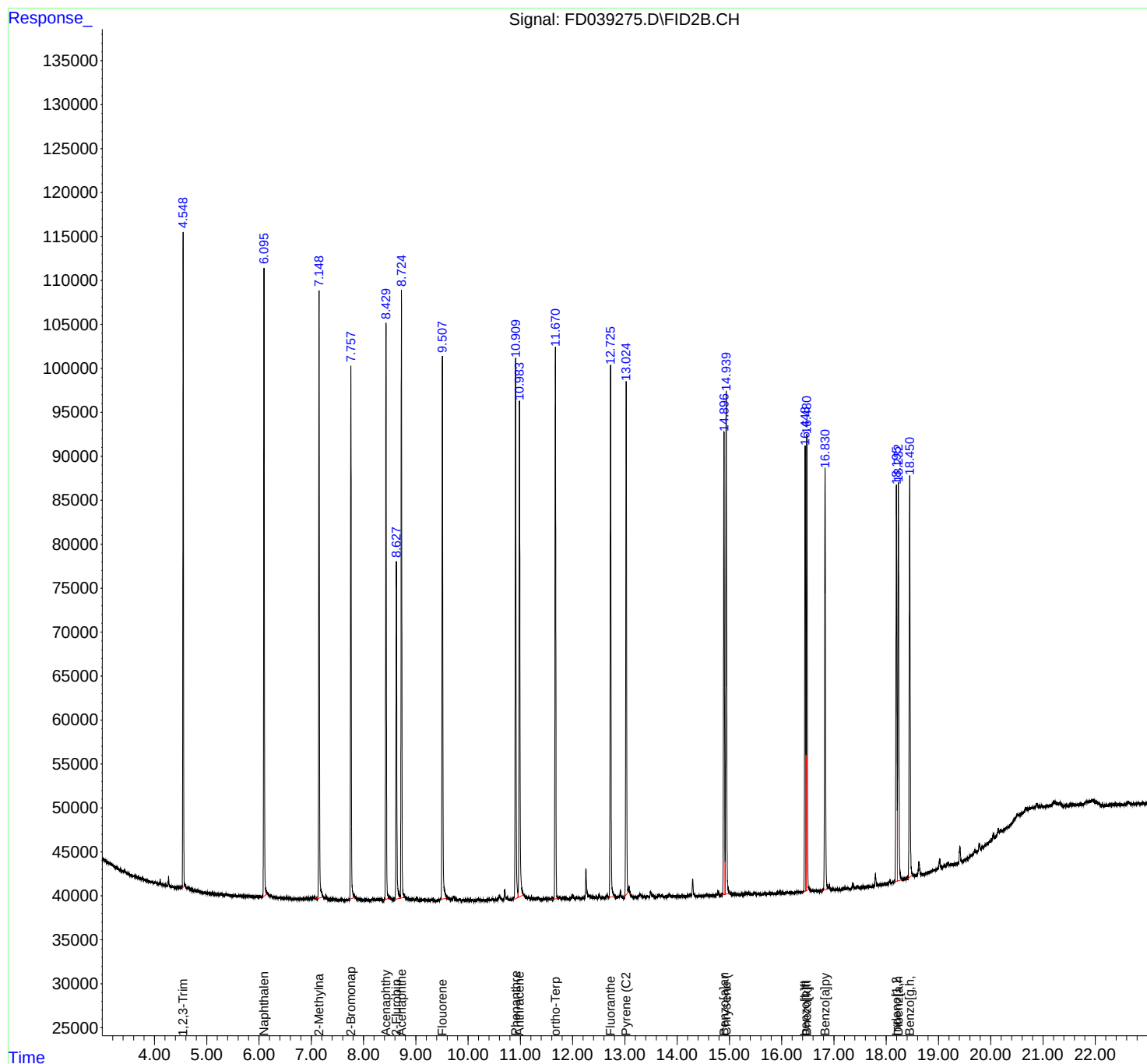
(m)=manual int.

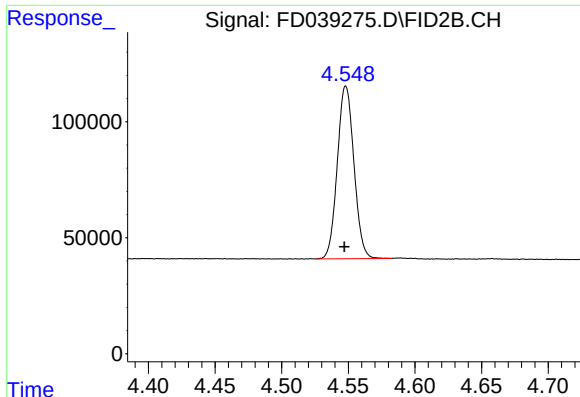
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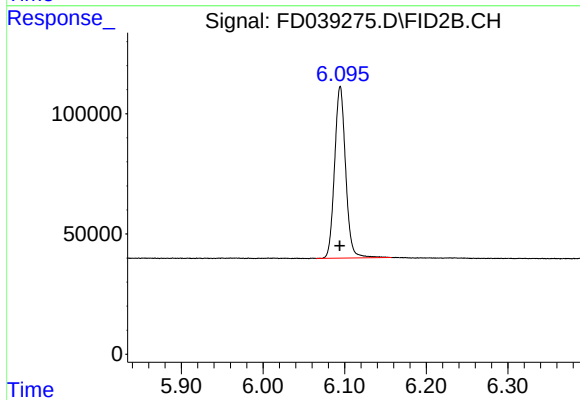




#1 1,2,3-Trimethylbenzene (C10.1)

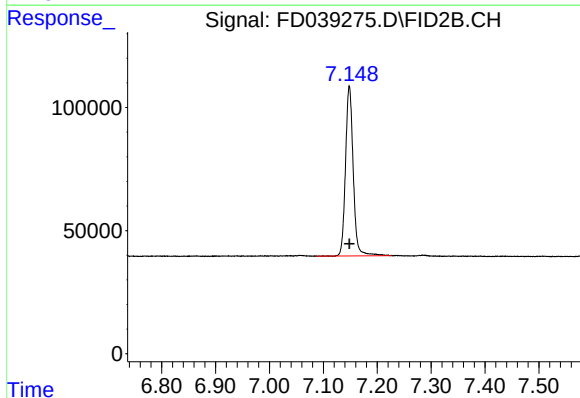
R.T.: 4.548 min
Delta R.T.: 0.001 min
Response: 646470
Conc: 5.34 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



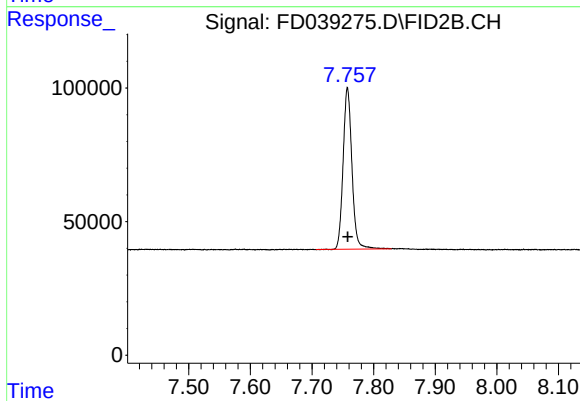
#2 Naphthalene (C11.7)

R.T.: 6.095 min
Delta R.T.: 0.000 min
Response: 670737
Conc: 5.23 ug/ml



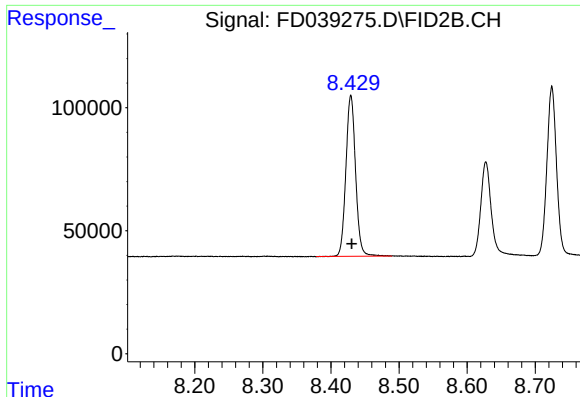
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 685586
Conc: 5.22 ug/ml



#4 2-Bromonaphthalene (SURR)

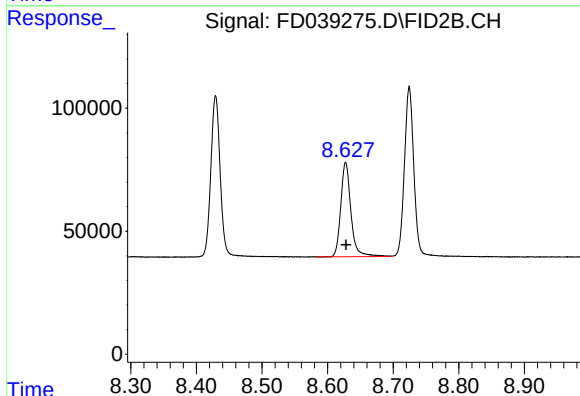
R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 602402
Conc: 5.25 ug/ml



#5 Acenaphthylene (C15.06)

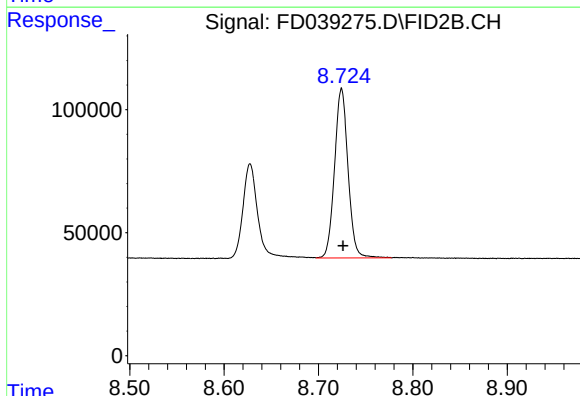
R.T.: 8.429 min
Delta R.T.: 0.000 min
Response: 645920
Conc: 5.29 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



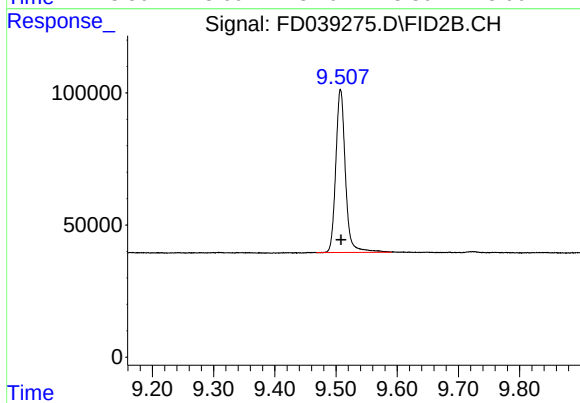
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 414316
Conc: 5.21 ug/ml



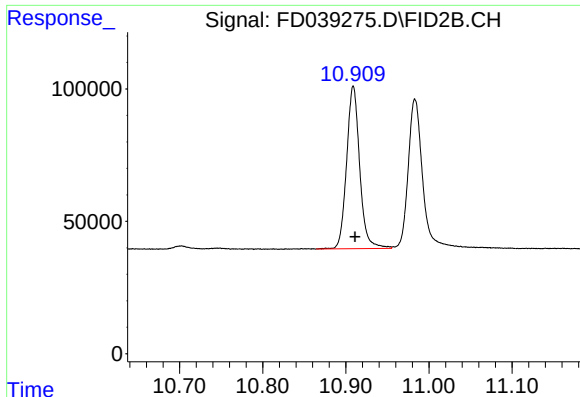
#7 Acenaphthene (C15.5)

R.T.: 8.725 min
Delta R.T.: -0.002 min
Response: 683386
Conc: 5.29 ug/ml



#8 Fluorene (C16.55)

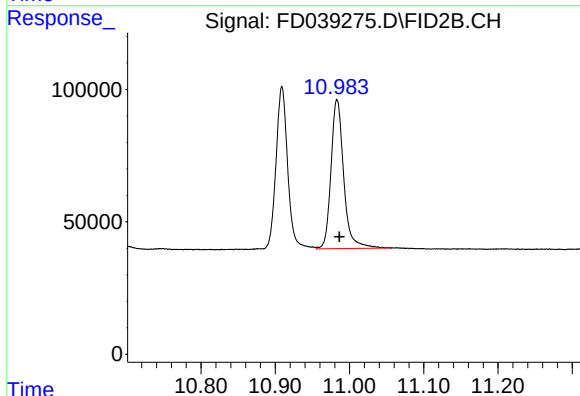
R.T.: 9.507 min
Delta R.T.: 0.000 min
Response: 674972
Conc: 5.24 ug/ml



#9 Phenanthrene (C19.36)

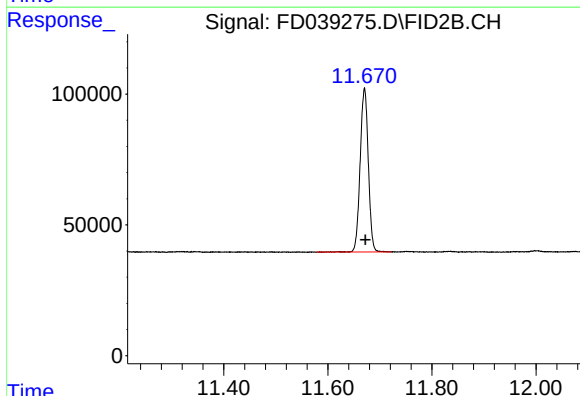
R.T.: 10.909 min
Delta R.T.: -0.002 min
Response: 672838
Conc: 5.26 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



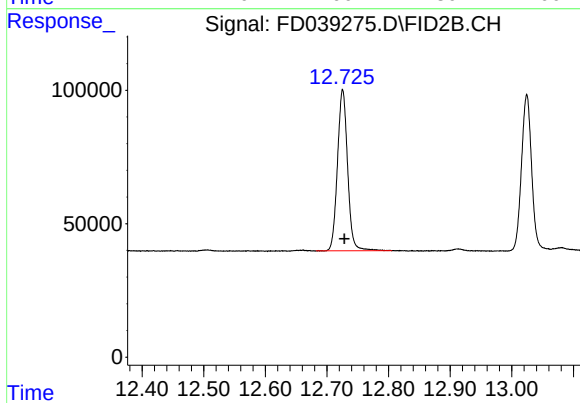
#10 Anthracene (C19.43)

R.T.: 10.983 min
Delta R.T.: -0.003 min
Response: 670014
Conc: 5.27 ug/ml



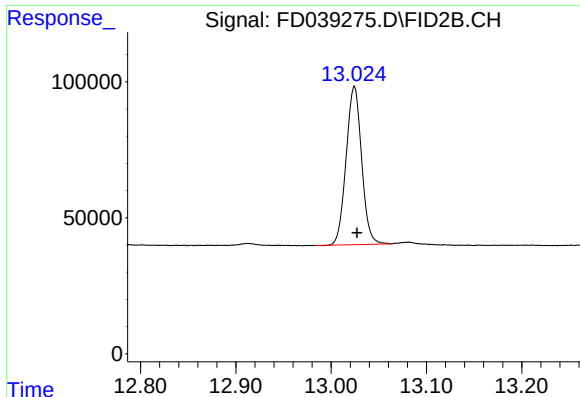
#11 ortho-Terphenyl (SURR)

R.T.: 11.671 min
Delta R.T.: -0.002 min
Response: 680464
Conc: 5.40 ug/ml



#12 Fluoranthene (C21.85)

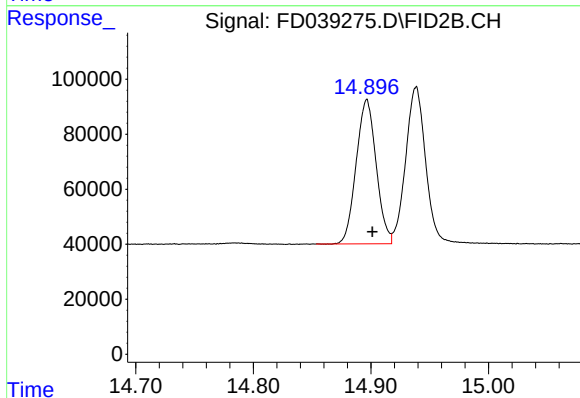
R.T.: 12.725 min
Delta R.T.: -0.003 min
Response: 691730
Conc: 5.35 ug/ml



#13 Pyrene (C20.8)

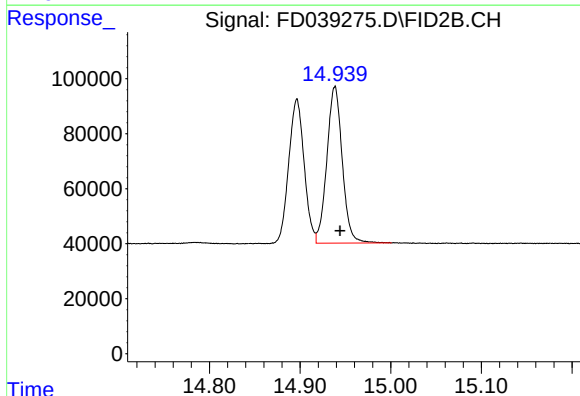
R.T.: 13.024 min
Delta R.T.: -0.003 min
Response: 658662
Conc: 5.24 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



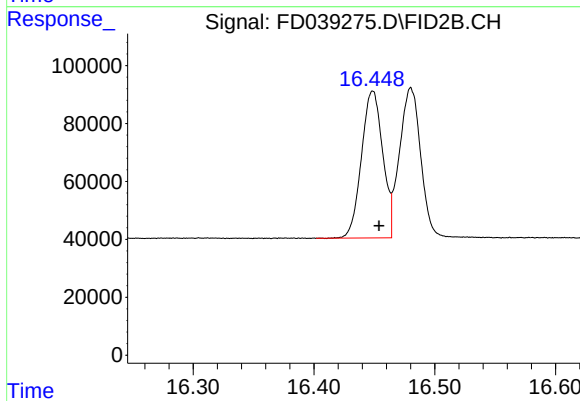
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.897 min
Delta R.T.: -0.005 min
Response: 619437
Conc: 5.29 ug/ml



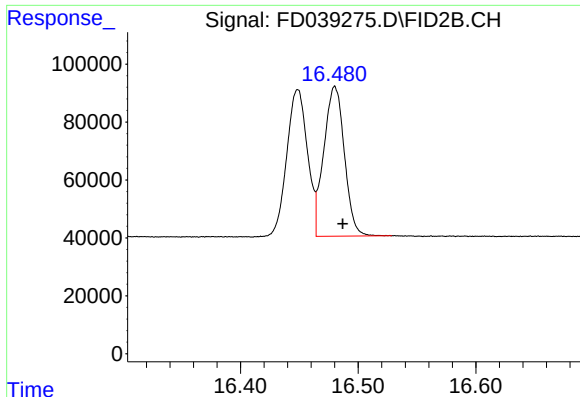
#15 Chrysene (C27.41)

R.T.: 14.938 min
Delta R.T.: -0.006 min
Response: 673257
Conc: 5.44 ug/ml



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

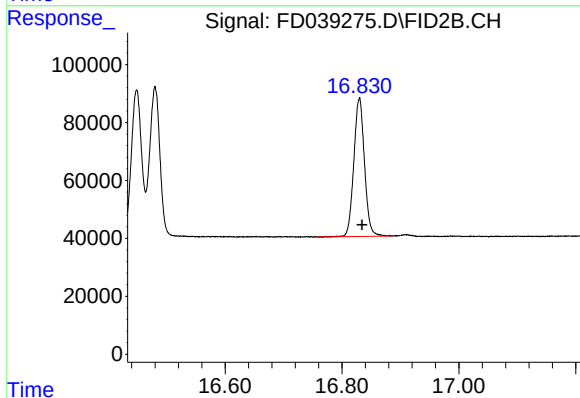
R.T.: 16.449 min
Delta R.T.: -0.005 min
Response: 619679
Conc: 5.37 ug/ml



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

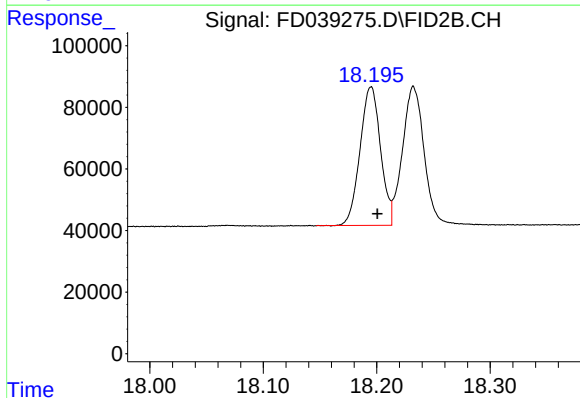
R.T.: 16.480 min
Delta R.T.: -0.007 min
Response: 629391
Conc: 5.42 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



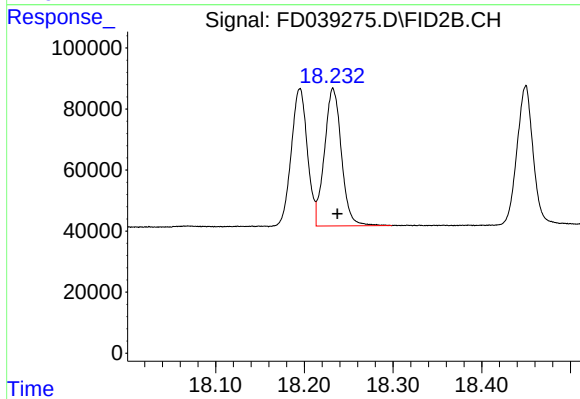
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.830 min
Delta R.T.: -0.005 min
Response: 604922
Conc: 5.40 ug/ml



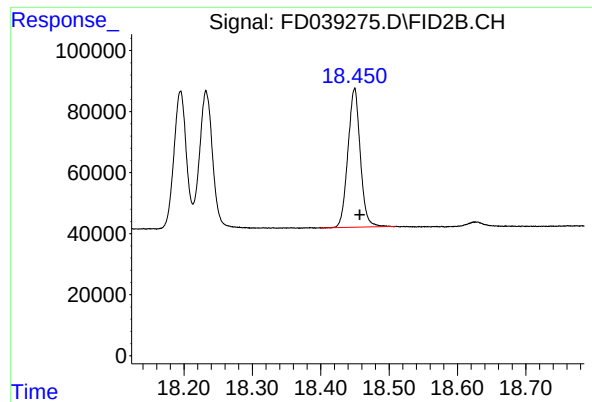
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.195 min
Delta R.T.: -0.006 min
Response: 566060
Conc: 5.48 ug/ml



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

R.T.: 18.232 min
Delta R.T.: -0.005 min
Response: 599650
Conc: 5.74 ug/ml



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

R.T.: 18.450 min
Delta R.T.: -0.007 min
Response: 572013
Conc: 5.58 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5