

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039889.D
 Signal(s) : FID2B.CH
 Acq On : 14 Dec 2021 18:14
 Operator : AJ\MA
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 15 10:13:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:10:05 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...	6.956	7030834	49.474 ug/ml
Spiked Amount 50.000		Recovery =	98.95%
6) S 2-Fluorobiphenyl (SURR)	7.813	4842175	49.217 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.43%
11) S ortho-Terphenyl (SURR)	10.857	7511679	49.176 ug/ml
Spiked Amount 50.000		Recovery =	98.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.784	7476145	49.230 ug/ml
2) T Naphthalene (C11.7)	5.298	7937914	49.241 ug/ml
3) T 2-Methylnaphthalene (...)	6.345	8032145	49.223 ug/ml
5) T Acenaphthylene (C15.06)	7.618	7410012	49.266 ug/ml
7) T Acenaphthene (C15.5)	7.913	7836729	49.201 ug/ml
8) T Flouorene (C16.55)	8.694	7768592	49.234 ug/ml
9) T Phenanthrene (C19.36)	10.087	7674418	49.237 ug/ml
10) T Anthracene (C19.43)	10.162	7377014	49.143 ug/ml
12) T Fluoranthene (C21.85)	11.896	7608624	49.292 ug/ml
13) T Pyrene (C20.8)	12.193	7402439	49.291 ug/ml
14) T Benzo[a]anthracene (C...	14.061	6801359	49.648 ug/ml
15) T Chrysene (C27.41)	14.107	7105092	49.725 ug/ml
16) T benzo[b]fluoranthene ...	15.610	6798369	49.912 ug/ml
17) T Bnezo[k]fluoranthene ...	15.646	6718075	49.851 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.989	6597070	50.106 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.352	6262829	50.554 ug/ml
20) T Dibenz[a,h]anthracene...	17.395	6190177	50.587 ug/ml
21) T Benzo[g,h,i]perylene ...	17.609	6315852	50.148 ug/ml

(f)=RT Delta > 1/2 Window

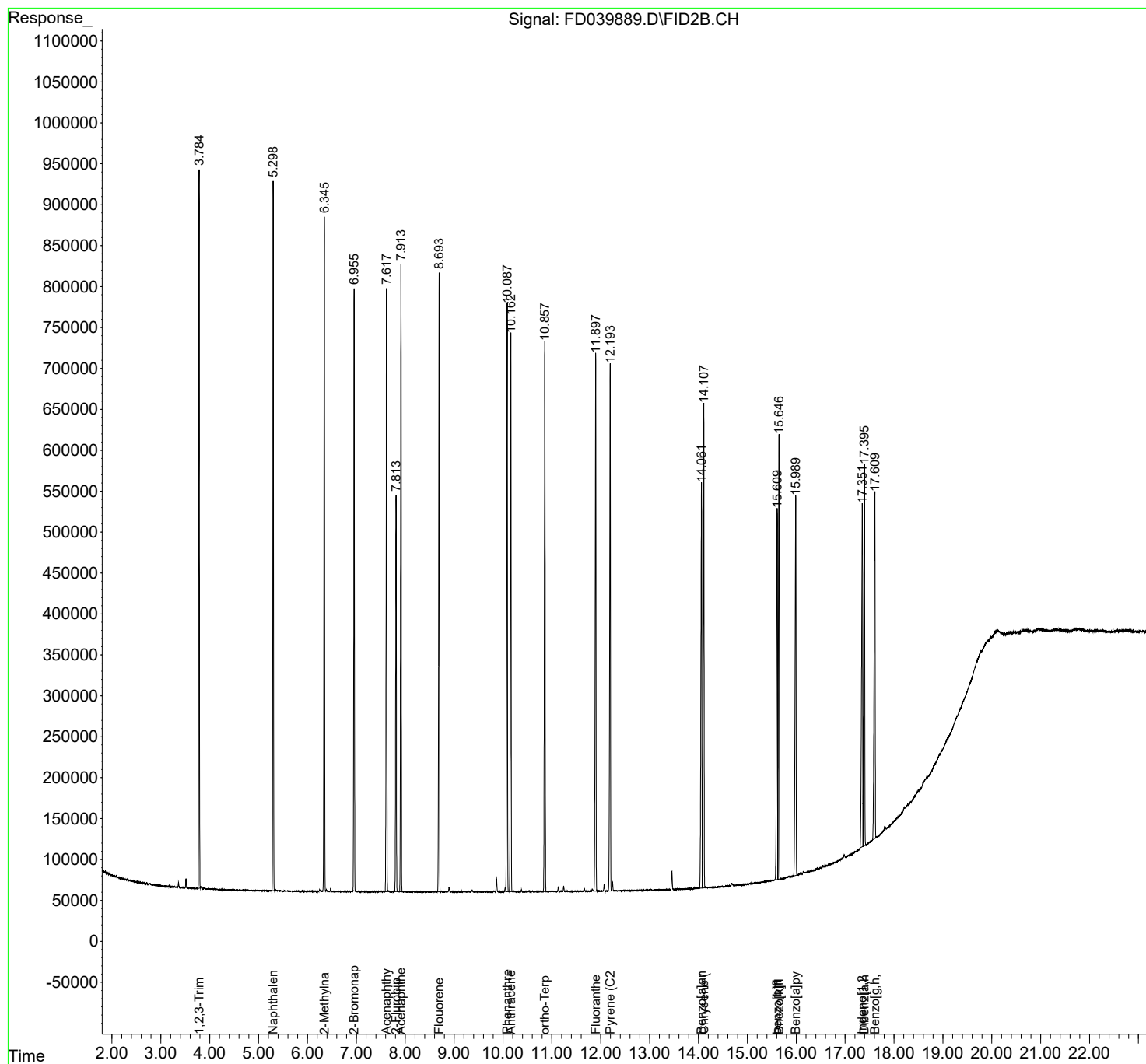
(m)=manual int.

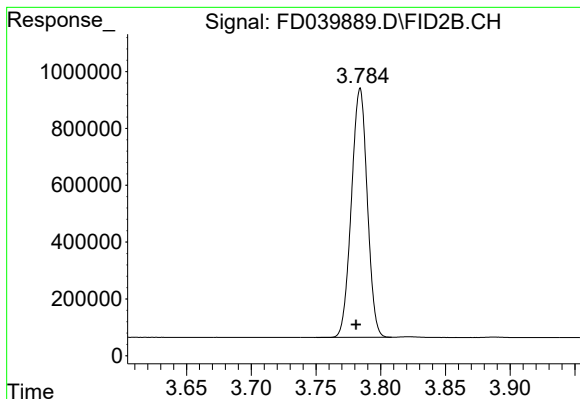
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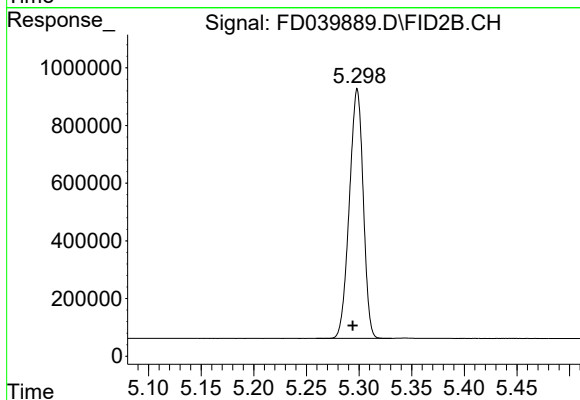




#1 1,2,3-Trimethylbenzene (C10.1)

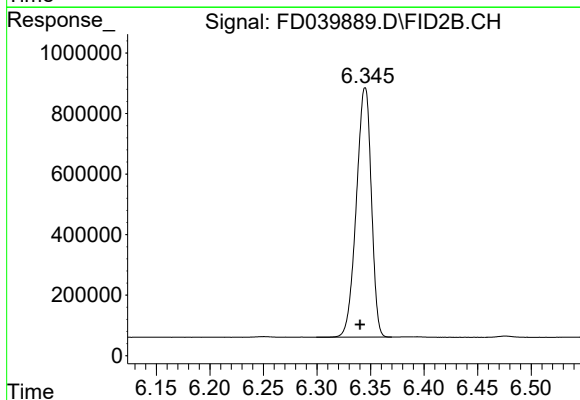
R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 7476145
Conc: 49.23 ug/ml

Instrument :
FID_D
ClientSampleId :



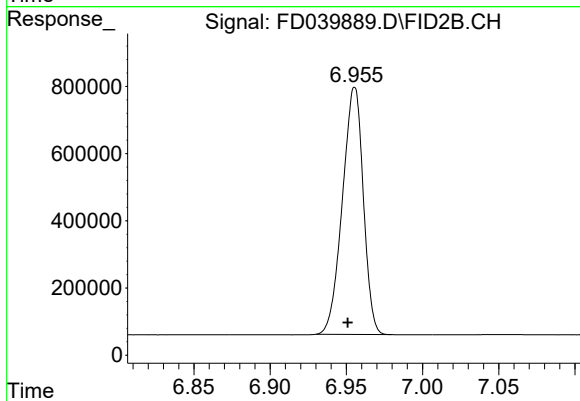
#2 Naphthalene (C11.7)

R.T.: 5.298 min
Delta R.T.: 0.004 min
Response: 7937914
Conc: 49.24 ug/ml



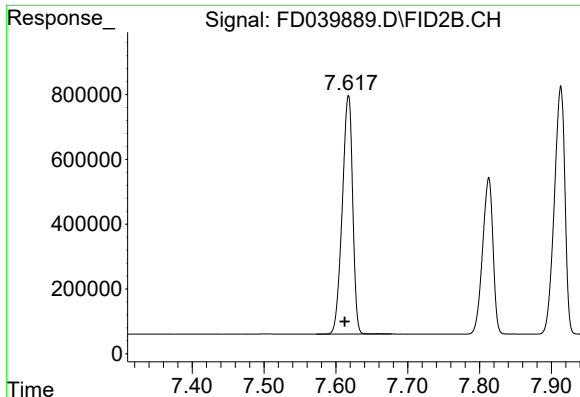
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.345 min
Delta R.T.: 0.005 min
Response: 8032145
Conc: 49.22 ug/ml



#4 2-Bromonaphthalene (SURR)

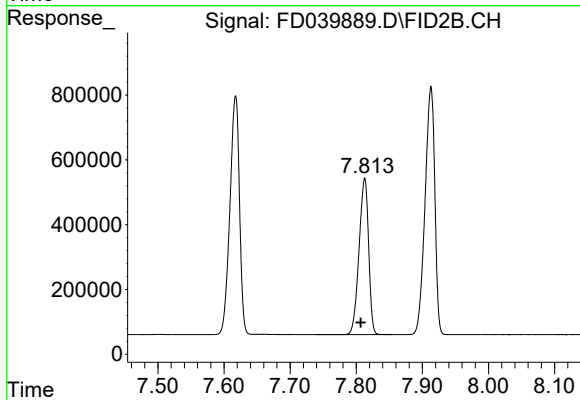
R.T.: 6.956 min
Delta R.T.: 0.005 min
Response: 7030834
Conc: 49.47 ug/ml



#5 Acenaphthylene (C15.06)

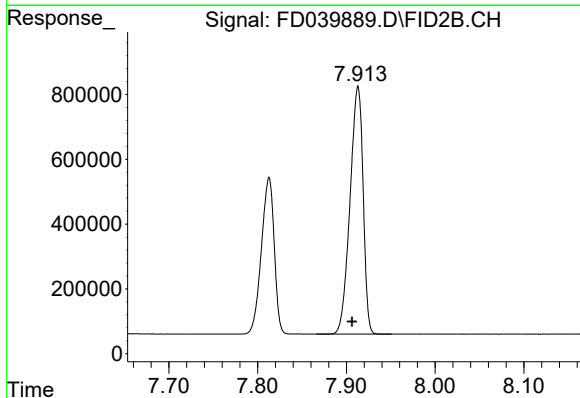
R.T.: 7.618 min
Delta R.T.: 0.006 min
Response: 7410012
Conc: 49.27 ug/ml

Instrument :
FID_D
ClientSampleId :



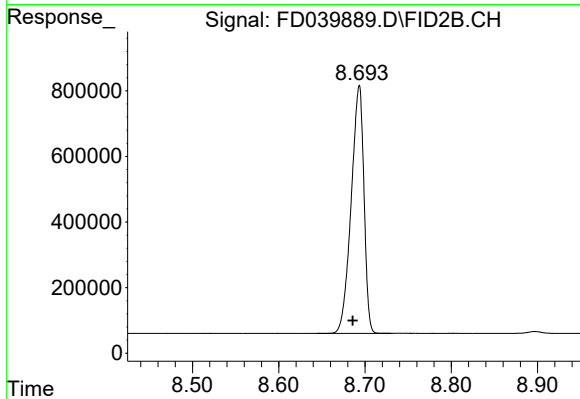
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.813 min
Delta R.T.: 0.006 min
Response: 4842175
Conc: 49.22 ug/ml



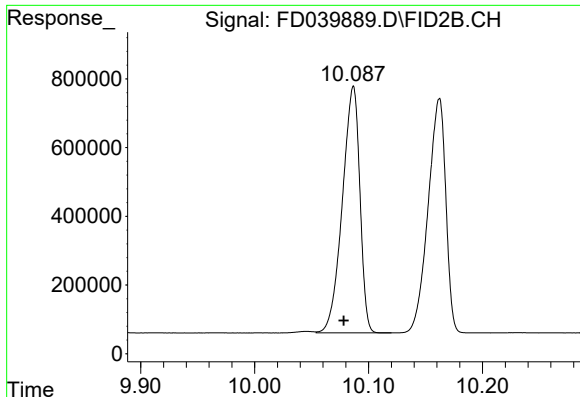
#7 Acenaphthene (C15.5)

R.T.: 7.913 min
Delta R.T.: 0.007 min
Response: 7836729
Conc: 49.20 ug/ml



#8 Flouorene (C16.55)

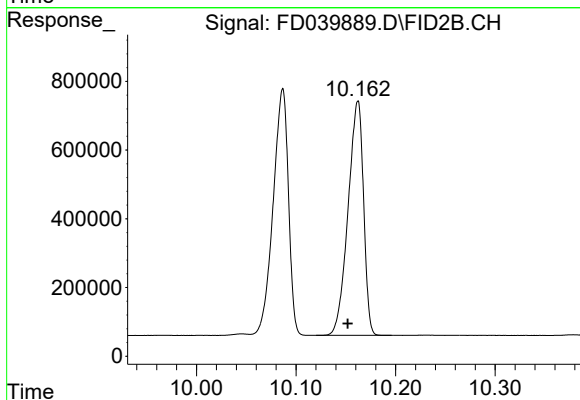
R.T.: 8.694 min
Delta R.T.: 0.008 min
Response: 7768592
Conc: 49.23 ug/ml



#9 Phenanthrene (C19.36)

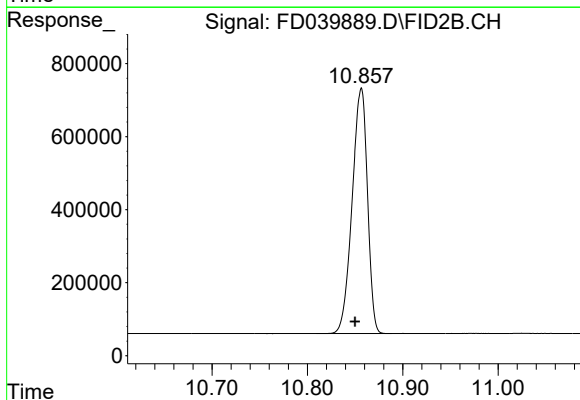
R.T.: 10.087 min
Delta R.T.: 0.009 min
Response: 7674418
Conc: 49.24 ug/ml

Instrument :
FID_D
ClientSampleId :



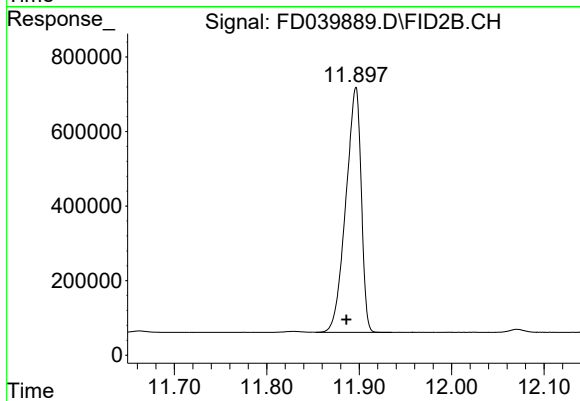
#10 Anthracene (C19.43)

R.T.: 10.162 min
Delta R.T.: 0.010 min
Response: 7377014
Conc: 49.14 ug/ml



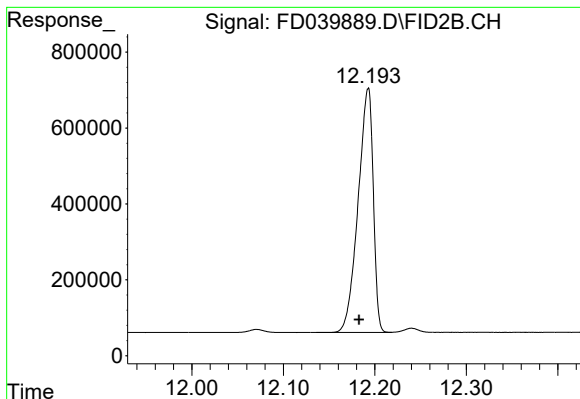
#11 ortho-Terphenyl (SURR)

R.T.: 10.857 min
Delta R.T.: 0.006 min
Response: 7511679
Conc: 49.18 ug/ml



#12 Fluoranthene (C21.85)

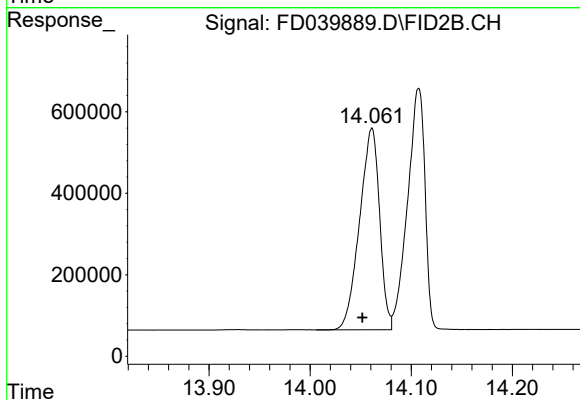
R.T.: 11.896 min
Delta R.T.: 0.010 min
Response: 7608624
Conc: 49.29 ug/ml



#13 Pyrene (C20.8)

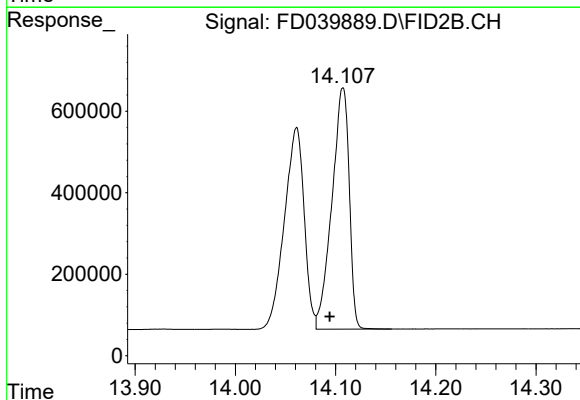
R.T.: 12.193 min
Delta R.T.: 0.010 min
Response: 7402439
Conc: 49.29 ug/ml

Instrument :
FID_D
ClientSampleId :



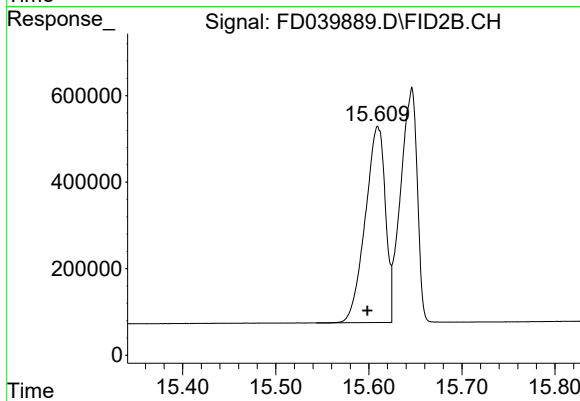
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.061 min
Delta R.T.: 0.009 min
Response: 6801359
Conc: 49.65 ug/ml



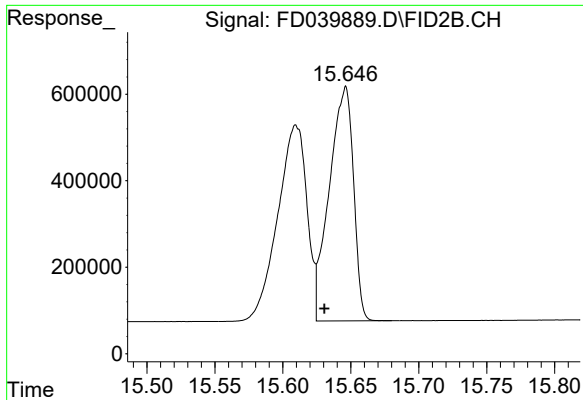
#15 Chrysene (C27.41)

R.T.: 14.107 min
Delta R.T.: 0.013 min
Response: 7105092
Conc: 49.73 ug/ml



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

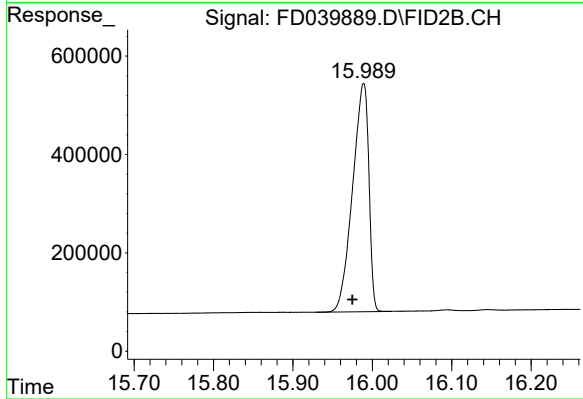
R.T.: 15.610 min
Delta R.T.: 0.011 min
Response: 6798369
Conc: 49.91 ug/ml



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

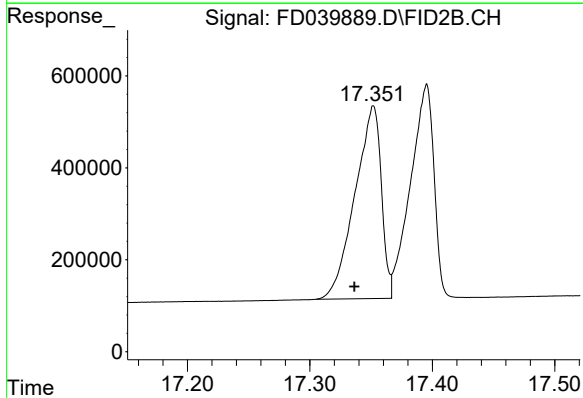
R.T.: 15.646 min
Delta R.T.: 0.016 min
Response: 6718075
Conc: 49.85 ug/ml

Instrument :
FID_D
ClientSampleId :



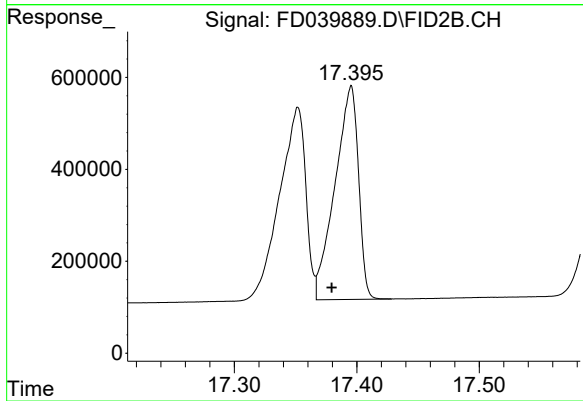
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.989 min
Delta R.T.: 0.014 min
Response: 6597070
Conc: 50.11 ug/ml



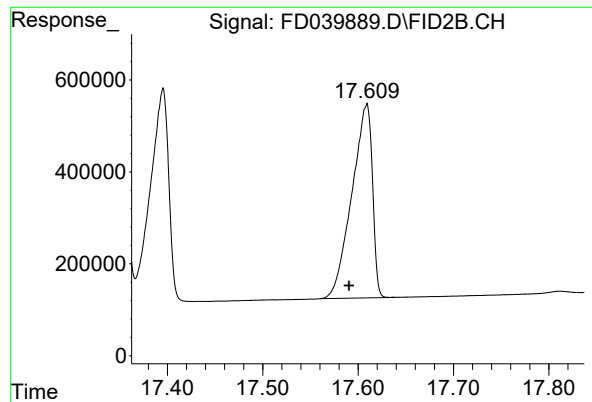
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.352 min
Delta R.T.: 0.015 min
Response: 6262829
Conc: 50.55 ug/ml



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

R.T.: 17.395 min
Delta R.T.: 0.016 min
Response: 6190177
Conc: 50.59 ug/ml



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

R.T.: 17.609 min
Delta R.T.: 0.018 min
Response: 6315852
Conc: 50.15 ug/ml

Instrument :

FID_D

ClientSampleId :