

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102621AR\
 Data File : FD039278.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2021 23:09
 Operator : AJ\MA
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 27 09:41:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102621.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 27 09:39:48 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	2313650	19.941 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
6) S 2-Fluorobiphenyl (SURR)	8.628	1598807	19.942 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.88%
11) S ortho-Terphenyl (SURR)	11.672	2529861	19.835 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.548	2456930	19.963 ug/ml
2) T Naphthalene (C11.7)	6.094	2604137	20.093 ug/ml
3) T 2-Methylnaphthalene (...)	7.149	2655075	19.992 ug/ml
5) T Acenaphthylene (C15.06)	8.430	2432950	19.712 ug/ml
7) T Acenaphthene (C15.5)	8.726	2594061	19.887 ug/ml
8) T Fluorene (C16.55)	9.509	2595926	20.048 ug/ml
9) T Phenanthrene (C19.36)	10.911	2572697	19.922 ug/ml
10) T Anthracene (C19.43)	10.986	2551300	19.942 ug/ml
12) T Fluoranthene (C21.85)	12.728	2585569	19.845 ug/ml
13) T Pyrene (C20.8)	13.026	2513139	19.873 ug/ml
14) T Benzo[a]anthracene (C...	14.899	2350098	19.869 ug/ml
15) T Chrysene (C27.41)	14.943	2484962	19.756 ug/ml
16) T benzo[b]fluoranthene ...	16.454	2312486	19.710 ug/ml
17) T Bnezo[k]fluoranthene ...	16.485	2324617	19.754 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.834	2241880	19.697 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.200	2086473	19.490 ug/ml
20) T Dibenz[a,h]anthracene...	18.238	2108430	19.776 ug/ml
21) T Benzo[g,h,i]perylene ...	18.455	2076658	19.678 ug/ml

(f)=RT Delta > 1/2 Window

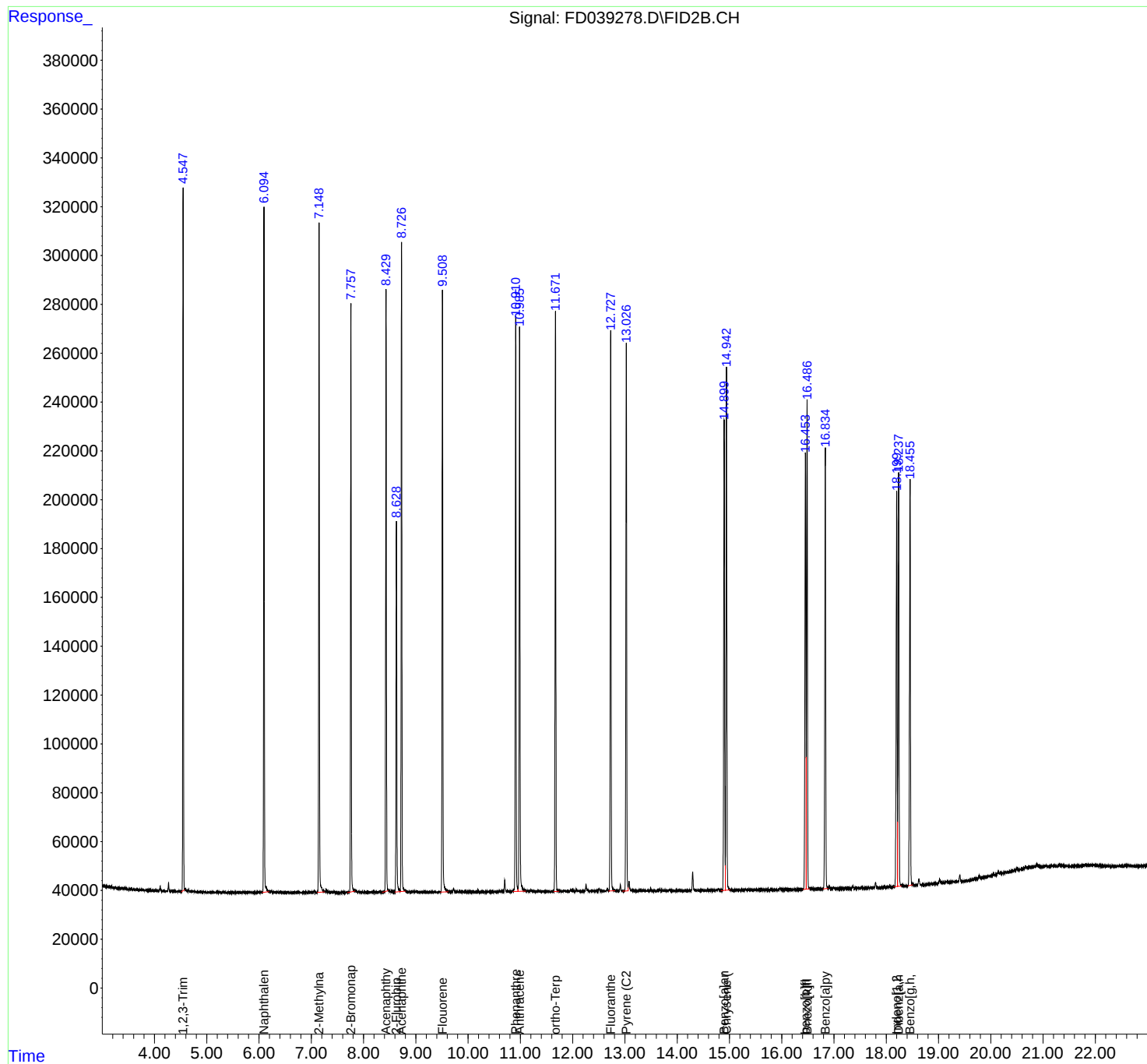
(m)=manual int.

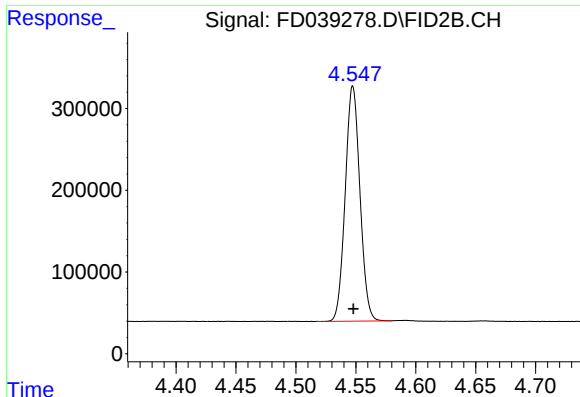
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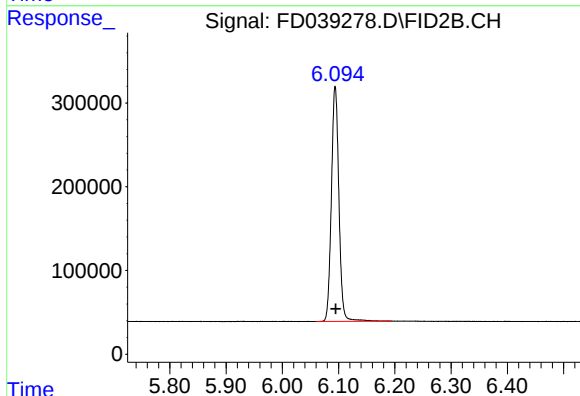




#1 1,2,3-Trimethylbenzene (C10.1)

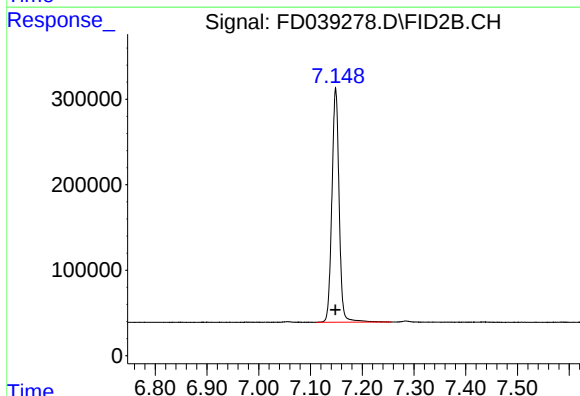
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 2456930
Conc: 19.96 ug/ml

Instrument :
FID_D
ClientSampleId :



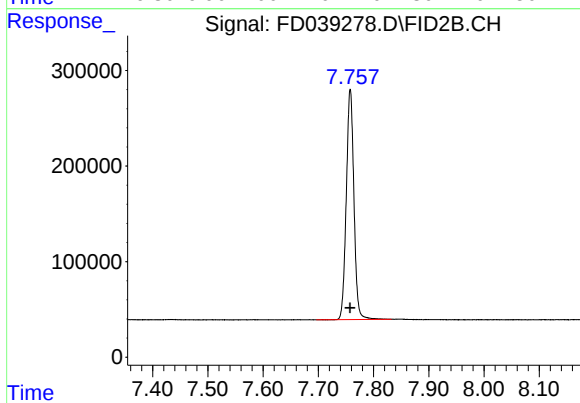
#2 Naphthalene (C11.7)

R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 2604137
Conc: 20.09 ug/ml



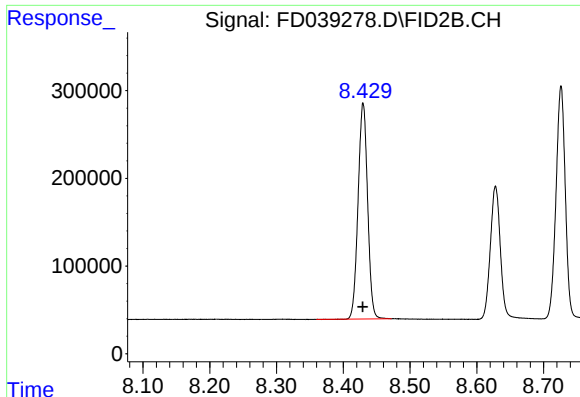
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.149 min
Delta R.T.: 0.000 min
Response: 2655075
Conc: 19.99 ug/ml



#4 2-Bromonaphthalene (SURR)

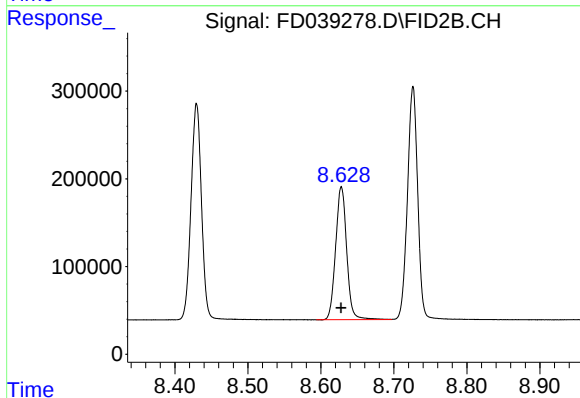
R.T.: 7.758 min
Delta R.T.: 0.000 min
Response: 2313650
Conc: 19.94 ug/ml



#5 Acenaphthylene (C15.06)

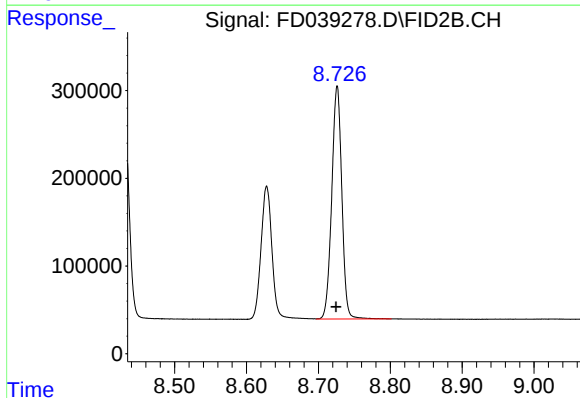
R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 2432950
Conc: 19.71 ug/ml

Instrument :
FID_D
ClientSampleId :



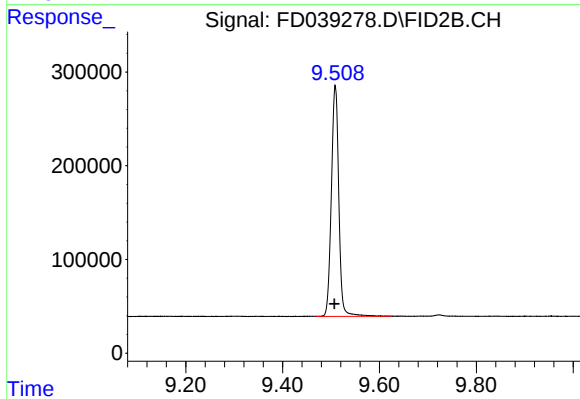
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 1598807
Conc: 19.94 ug/ml



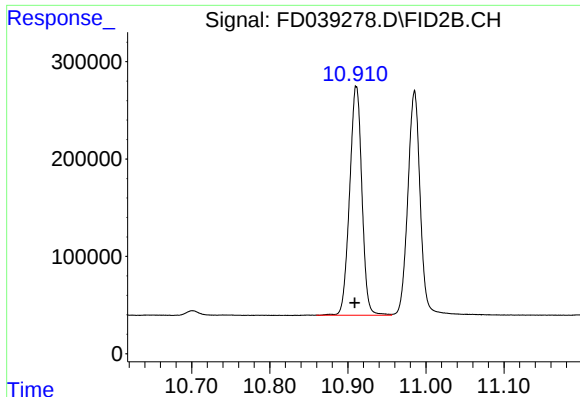
#7 Acenaphthene (C15.5)

R.T.: 8.726 min
Delta R.T.: 0.002 min
Response: 2594061
Conc: 19.89 ug/ml



#8 Flouorene (C16.55)

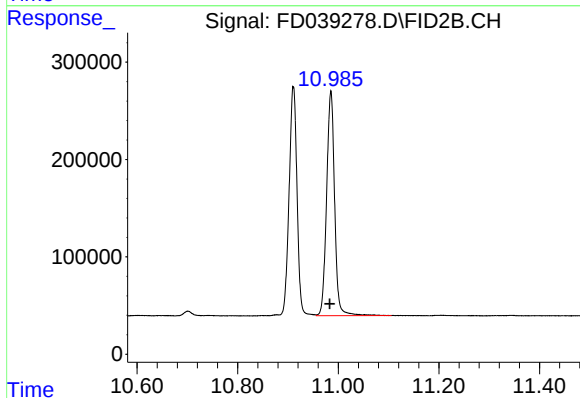
R.T.: 9.509 min
Delta R.T.: 0.001 min
Response: 2595926
Conc: 20.05 ug/ml



#9 Phenanthrene (C19.36)

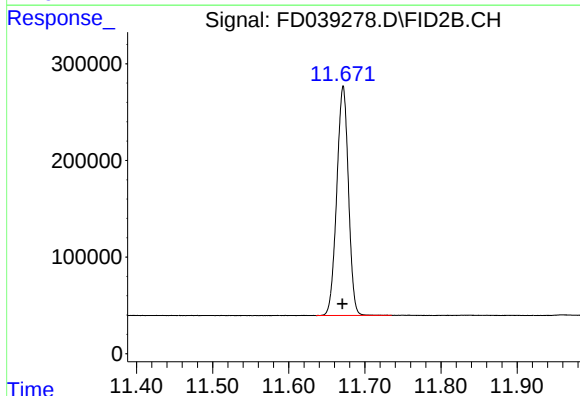
R.T.: 10.911 min
Delta R.T.: 0.002 min
Response: 2572697
Conc: 19.92 ug/ml

Instrument :
FID_D
ClientSampleId :



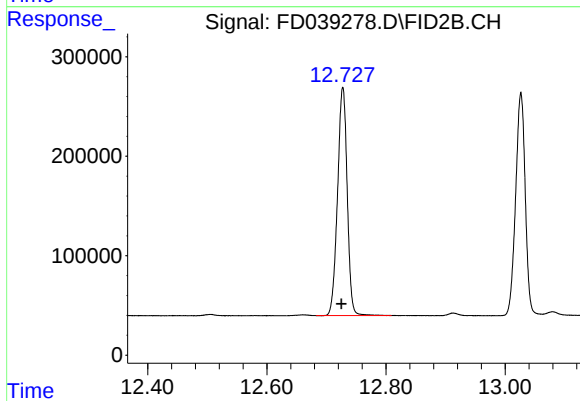
#10 Anthracene (C19.43)

R.T.: 10.986 min
Delta R.T.: 0.002 min
Response: 2551300
Conc: 19.94 ug/ml



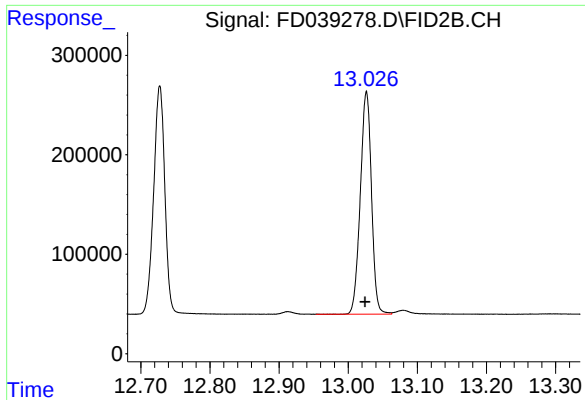
#11 ortho-Terphenyl (SURR)

R.T.: 11.672 min
Delta R.T.: 0.000 min
Response: 2529861
Conc: 19.83 ug/ml



#12 Fluoranthene (C21.85)

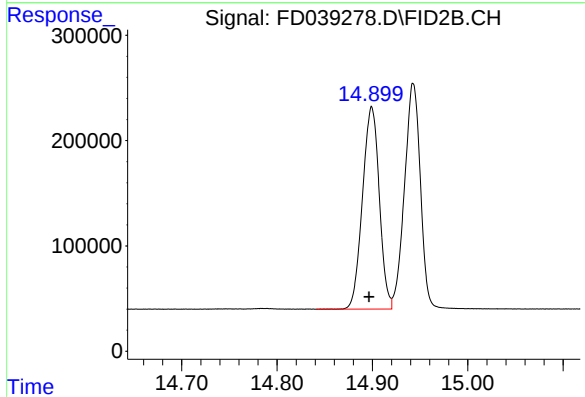
R.T.: 12.728 min
Delta R.T.: 0.002 min
Response: 2585569
Conc: 19.84 ug/ml



#13 Pyrene (C20.8)

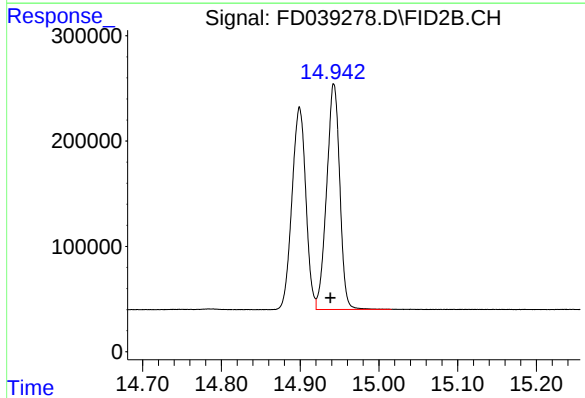
R.T.: 13.026 min
Delta R.T.: 0.002 min
Response: 2513139
Conc: 19.87 ug/ml

Instrument :
FID_D
ClientSampleId :



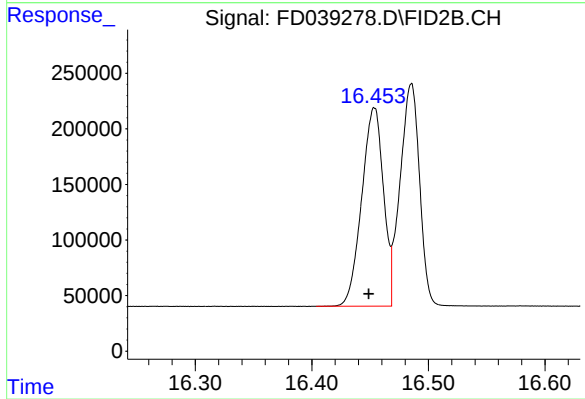
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.899 min
Delta R.T.: 0.003 min
Response: 2350098
Conc: 19.87 ug/ml



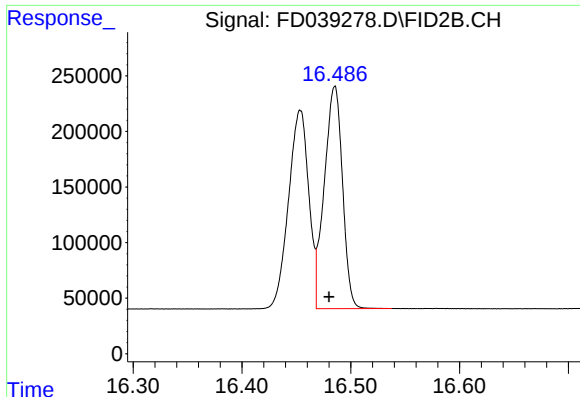
#15 Chrysene (C27.41)

R.T.: 14.943 min
Delta R.T.: 0.004 min
Response: 2484962
Conc: 19.76 ug/ml



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

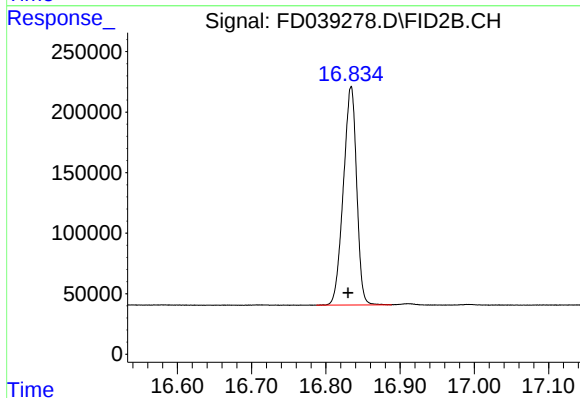
R.T.: 16.454 min
Delta R.T.: 0.005 min
Response: 2312486
Conc: 19.71 ug/ml



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

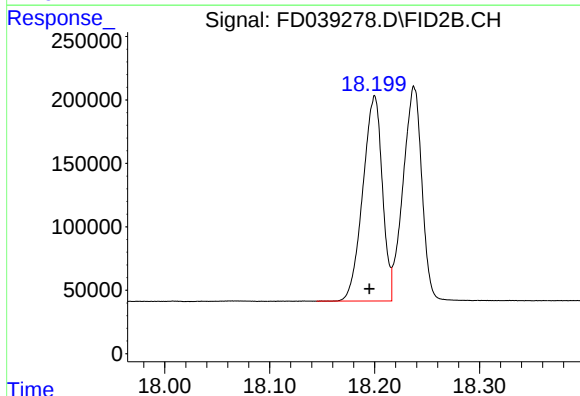
R.T.: 16.485 min
Delta R.T.: 0.005 min
Response: 2324617
Conc: 19.75 ug/ml

Instrument :
FID_D
ClientSampleId :



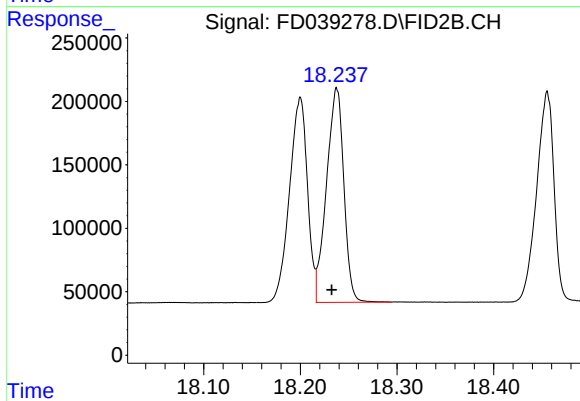
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.834 min
Delta R.T.: 0.004 min
Response: 2241880
Conc: 19.70 ug/ml



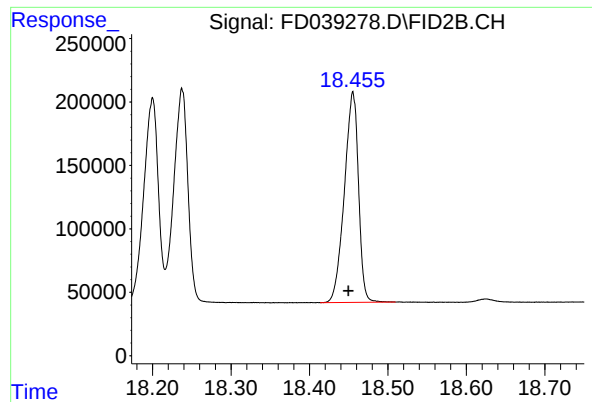
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.200 min
Delta R.T.: 0.005 min
Response: 2086473
Conc: 19.49 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.005 min
Response: 2108430
Conc: 19.78 ug/ml



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

R.T.: 18.455 min
Delta R.T.: 0.006 min
Response: 2076658
Conc: 19.68 ug/ml

Instrument :

FID_D

ClientSampleId :