

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070621AR\
 Data File : FD038073.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 3:58
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Jul 07 10:28:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 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...	7.523	2784745	21.367 ug/ml
Spiked Amount 50.000		Recovery =	42.73%
6) S 2-Fluorobiphenyl (SURR)	8.384	1899821	21.469 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.94%
11) S ortho-Terphenyl (SURR)	11.421	3179858	20.982 ug/ml
Spiked Amount 50.000		Recovery =	41.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	3012274	21.266 ug/ml
2) T Naphthalene (C11.7)	5.862	3188294	21.565 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	3179792	21.666 ug/ml
5) T Acenaphthylene (C15.06)	8.186	3155411	21.152 ug/ml
7) T Acenaphthene (C15.5)	8.481	3262567	21.071 ug/ml
8) T Fluorene (C16.55)	9.261	3146124	21.462 ug/ml
9) T Phenanthrene (C19.36)	10.655	3085174	21.343 ug/ml
10) T Anthracene (C19.43)	10.730	3046236	21.533 ug/ml
12) T Fluoranthene (C21.85)	12.464	3091627	21.340 ug/ml
13) T Pyrene (C20.8)	12.761	3023621	21.220 ug/ml
14) T Benzo[a]anthracene (C...	14.631	2735941	21.428 ug/ml
15) T Chrysene (C27.41)	14.673	2998901	21.182 ug/ml
16) T benzo[b]fluoranthene ...	16.180	2633687	21.120 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	2753370	20.989 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.559	2464886	21.013 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	2147638	20.749 ug/ml
20) T Dibenz[a,h]anthracene...	17.962	2543906	21.582 ug/ml
21) T Benzo[g,h,i]perylene ...	18.178	2317621	21.233 ug/ml

(f)=RT Delta > 1/2 Window

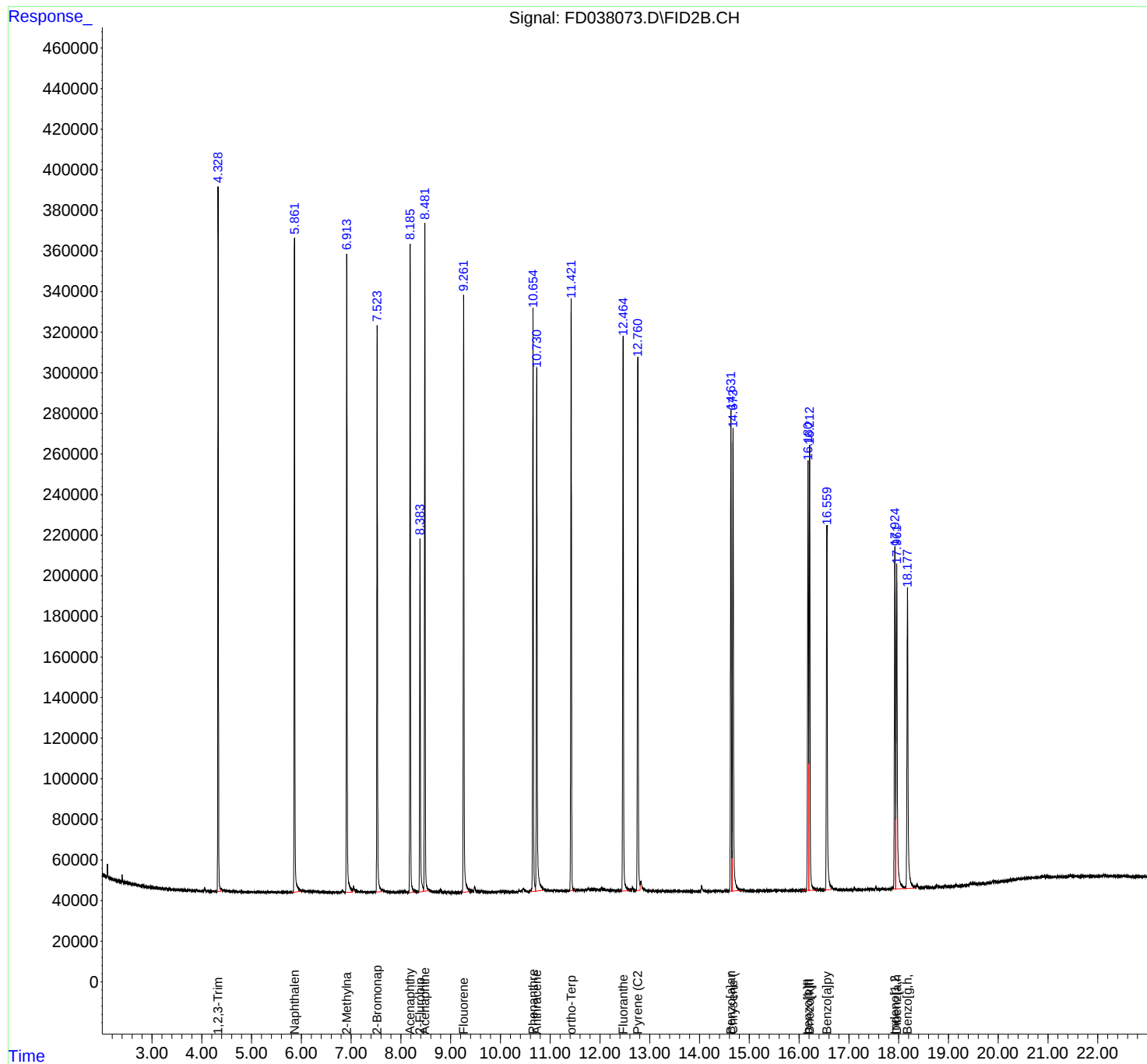
(m)=manual int.

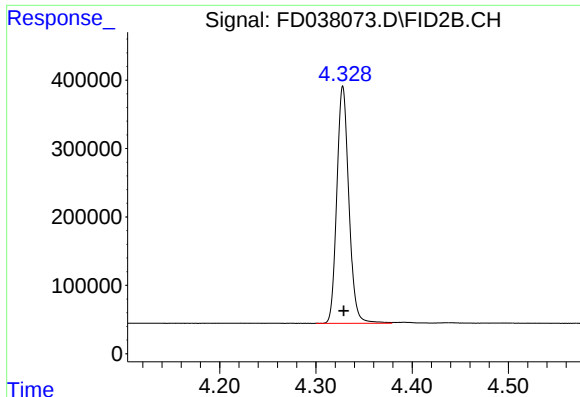
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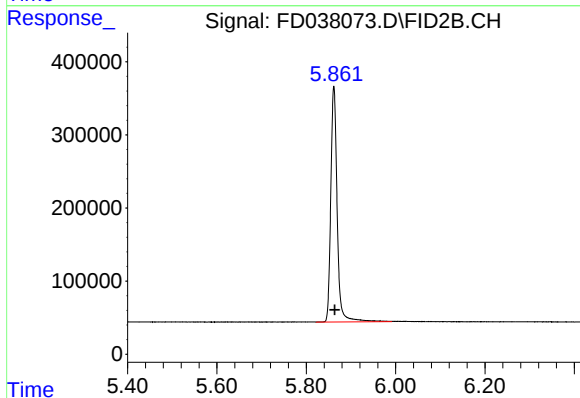




#1 1,2,3-Trimethylbenzene (C10.1)

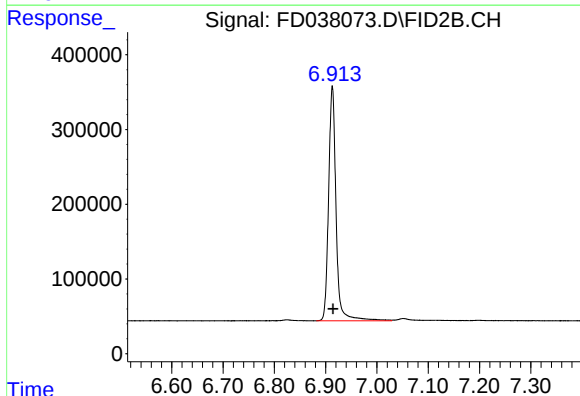
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 3012274
Conc: 21.27 ug/ml

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20 PPM AROMATIC HC STD ICV



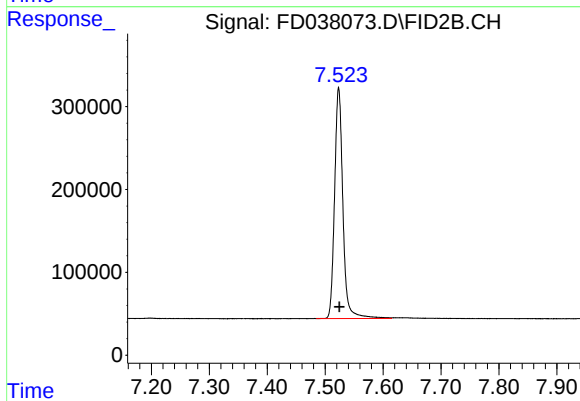
#2 Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: -0.002 min
Response: 3188294
Conc: 21.57 ug/ml



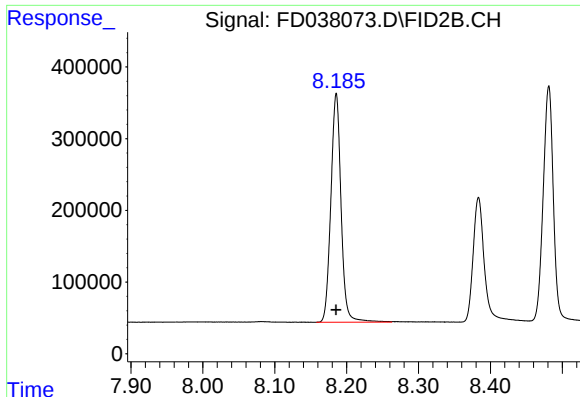
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: 0.000 min
Response: 3179792
Conc: 21.67 ug/ml



#4 2-Bromonaphthalene (SURR)

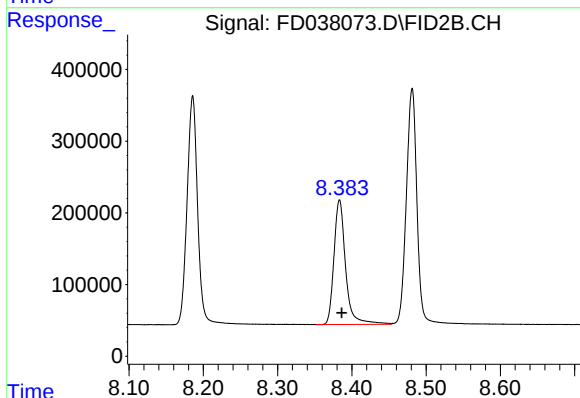
R.T.: 7.523 min
Delta R.T.: -0.001 min
Response: 2784745
Conc: 21.37 ug/ml



#5 Acenaphthylene (C15.06)

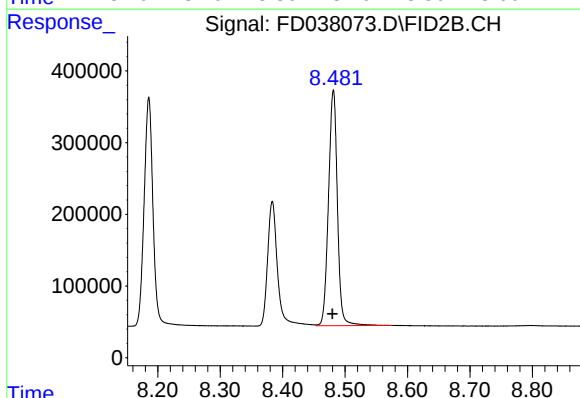
R.T.: 8.186 min
Delta R.T.: 0.000 min
Response: 3155411
Conc: 21.15 ug/ml

Instrument :
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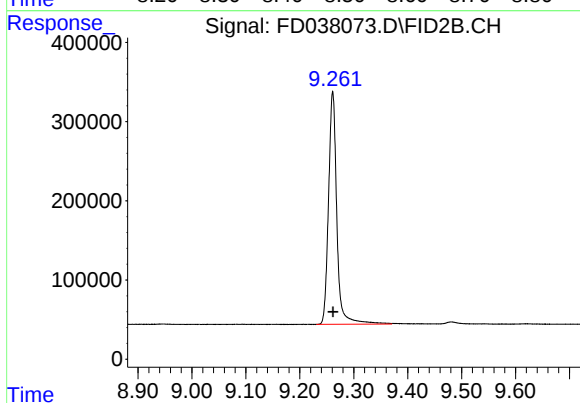
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.003 min
Response: 1899821
Conc: 21.47 ug/ml



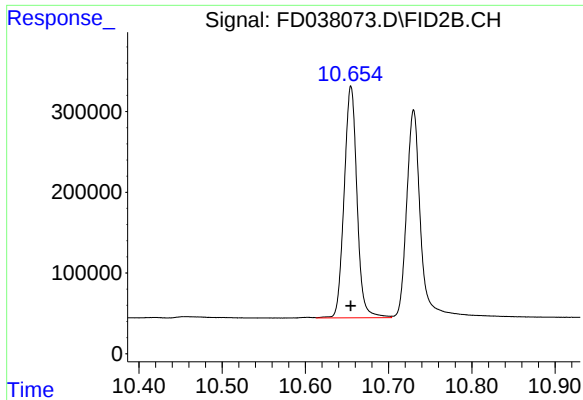
#7 Acenaphthene (C15.5)

R.T.: 8.481 min
Delta R.T.: 0.002 min
Response: 3262567
Conc: 21.07 ug/ml



#8 Flouorene (C16.55)

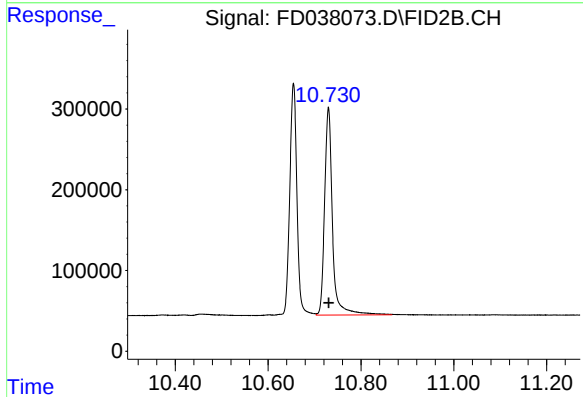
R.T.: 9.261 min
Delta R.T.: 0.000 min
Response: 3146124
Conc: 21.46 ug/ml



#9 Phenanthrene (C19.36)

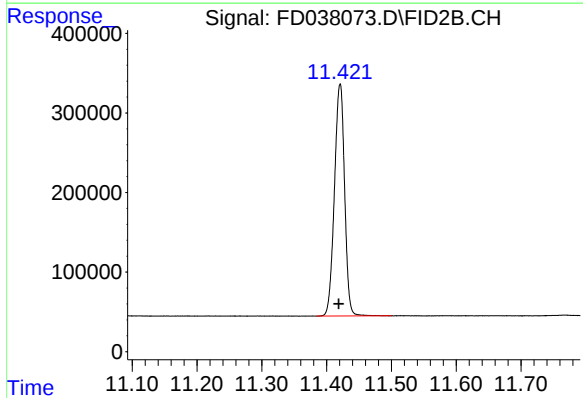
R.T.: 10.655 min
Delta R.T.: 0.000 min
Response: 3085174
Conc: 21.34 ug/ml

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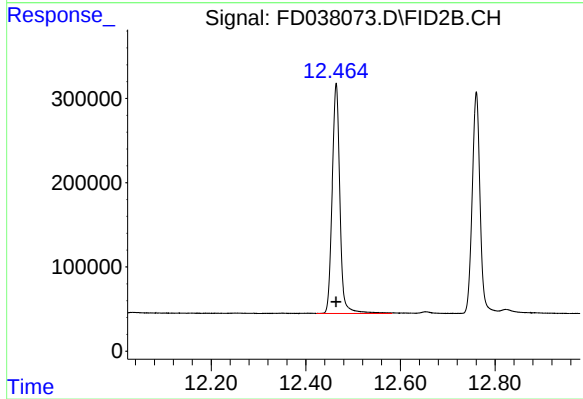
#10 Anthracene (C19.43)

R.T.: 10.730 min
Delta R.T.: 0.000 min
Response: 3046236
Conc: 21.53 ug/ml



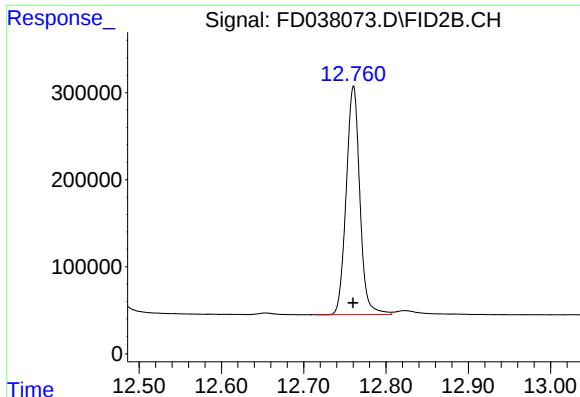
#11 ortho-Terphenyl (SURRE)

R.T.: 11.421 min
Delta R.T.: 0.002 min
Response: 3179858
Conc: 20.98 ug/ml



#12 Fluoranthene (C21.85)

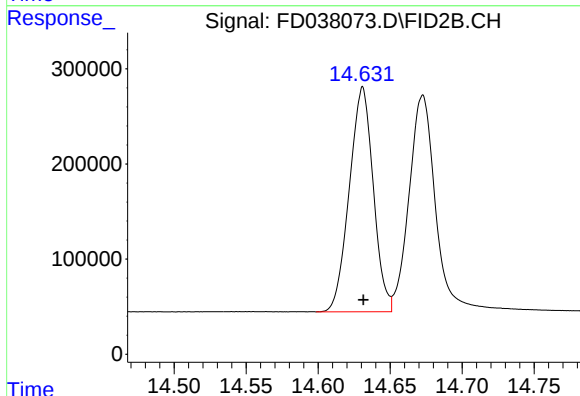
R.T.: 12.464 min
Delta R.T.: 0.000 min
Response: 3091627
Conc: 21.34 ug/ml



#13 Pyrene (C20.8)

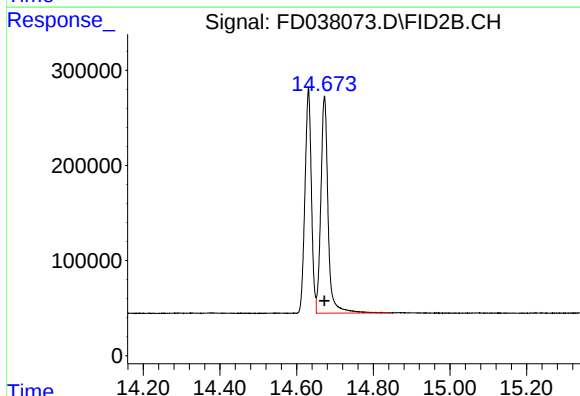
R.T.: 12.761 min
Delta R.T.: 0.000 min
Response: 3023621
Conc: 21.22 ug/ml

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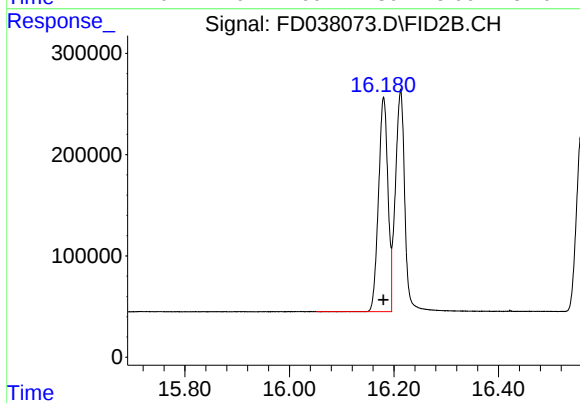
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.000 min
Response: 2735941
Conc: 21.43 ug/ml



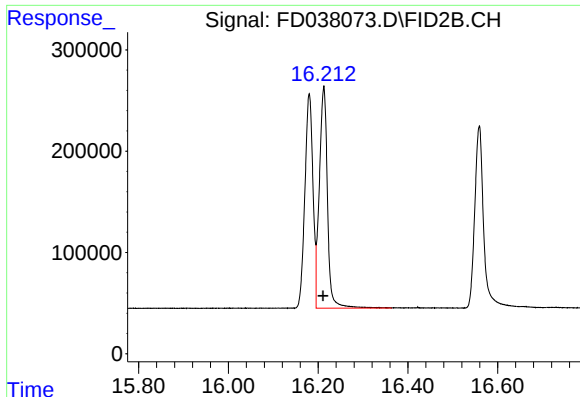
#15 Chrysene (C27.41)

R.T.: 14.673 min
Delta R.T.: 0.000 min
Response: 2998901
Conc: 21.18 ug/ml



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

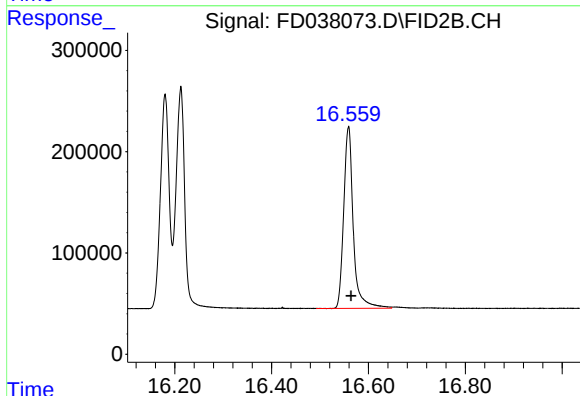
R.T.: 16.180 min
Delta R.T.: 0.000 min
Response: 2633687
Conc: 21.12 ug/ml



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

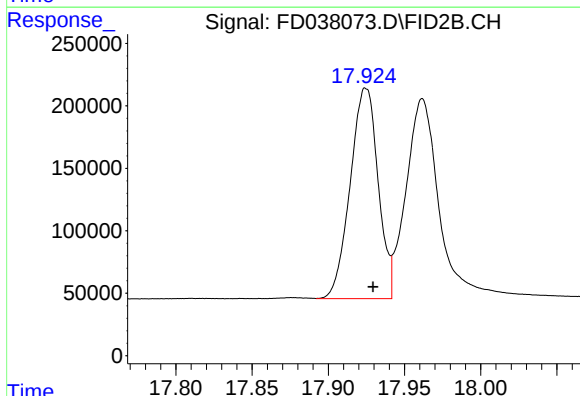
R.T.: 16.213 min
Delta R.T.: 0.002 min
Response: 2753370
Conc: 20.99 ug/ml

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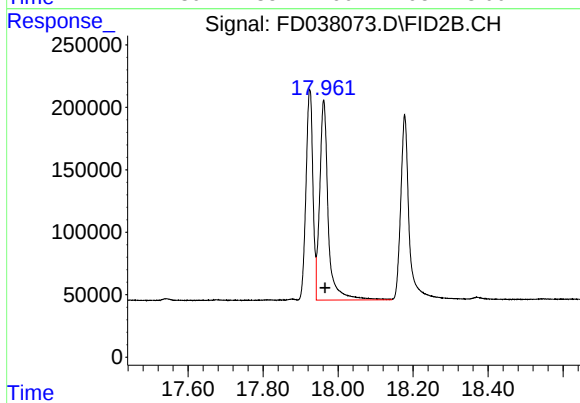
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.559 min
Delta R.T.: -0.005 min
Response: 2464886
Conc: 21.01 ug/ml



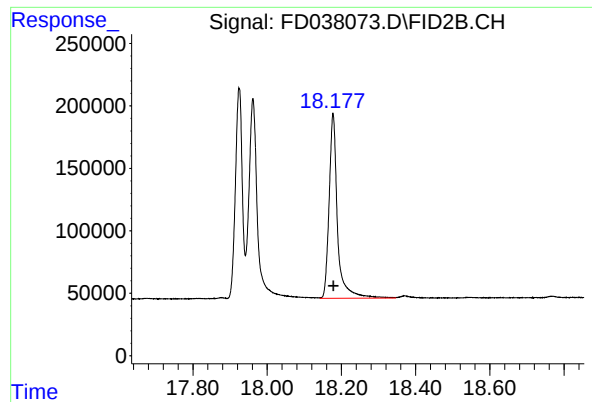
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: -0.005 min
Response: 2147638
Conc: 20.75 ug/ml



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

R.T.: 17.962 min
Delta R.T.: -0.004 min
Response: 2543906
Conc: 21.58 ug/ml



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

R.T.: 18.178 min
Delta R.T.: 0.000 min
Response: 2317621
Conc: 21.23 ug/ml

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