

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050322AR\
 Data File : FD042264.D
 Signal(s) : FID2B.CH
 Acq On : 03 May 2022 15:49
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: May 04 02:35:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 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...	7.349	2840077	20.262 ug/ml
Spiked Amount 50.000		Recovery =	40.52%
6) S 2-Fluorobiphenyl (SURR)	8.200	1607490	22.561 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.12%
11) S ortho-Terphenyl (SURR)	11.223	3283896	18.946 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	3265092	20.973 ug/ml
2) T Naphthalene (C11.7)	5.695	3216658	20.391 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	2777161	19.205 ug/ml
5) T Acenaphthylene (C15.06)	7.999	3208728	19.470 ug/ml
7) T Acenaphthene (C15.5)	8.292	3503474	18.661 ug/ml
8) T Flouorene (C16.55)	9.071	3077280	20.203 ug/ml
9) T Phenanthrene (C19.36)	10.457	2867053	19.308 ug/ml
10) T Anthracene (C19.43)	10.532	3070051	18.338 ug/ml
12) T Fluoranthene (C21.85)	12.259	2891093	18.431 ug/ml
13) T Pyrene (C20.8)	12.552	2938312	18.015 ug/ml
14) T Benzo[a]anthracene (C...	14.423	2454313	20.518 ug/ml
15) T Chrysene (C27.41)	14.465	3136105	17.094 ug/ml
16) T benzo[b]fluoranthene ...	15.972	2696288	20.536 ug/ml
17) T Bnezo[k]fluoranthene ...	16.003	3059912	17.699 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.351	2729688	18.501 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.718	2292891	22.972 ug/ml
20) T Dibenz[a,h]anthracene...	17.754	3129517	19.939 ug/ml
21) T Benzo[g,h,i]perylene ...	17.968	2796733	20.194 ug/ml

(f)=RT Delta > 1/2 Window

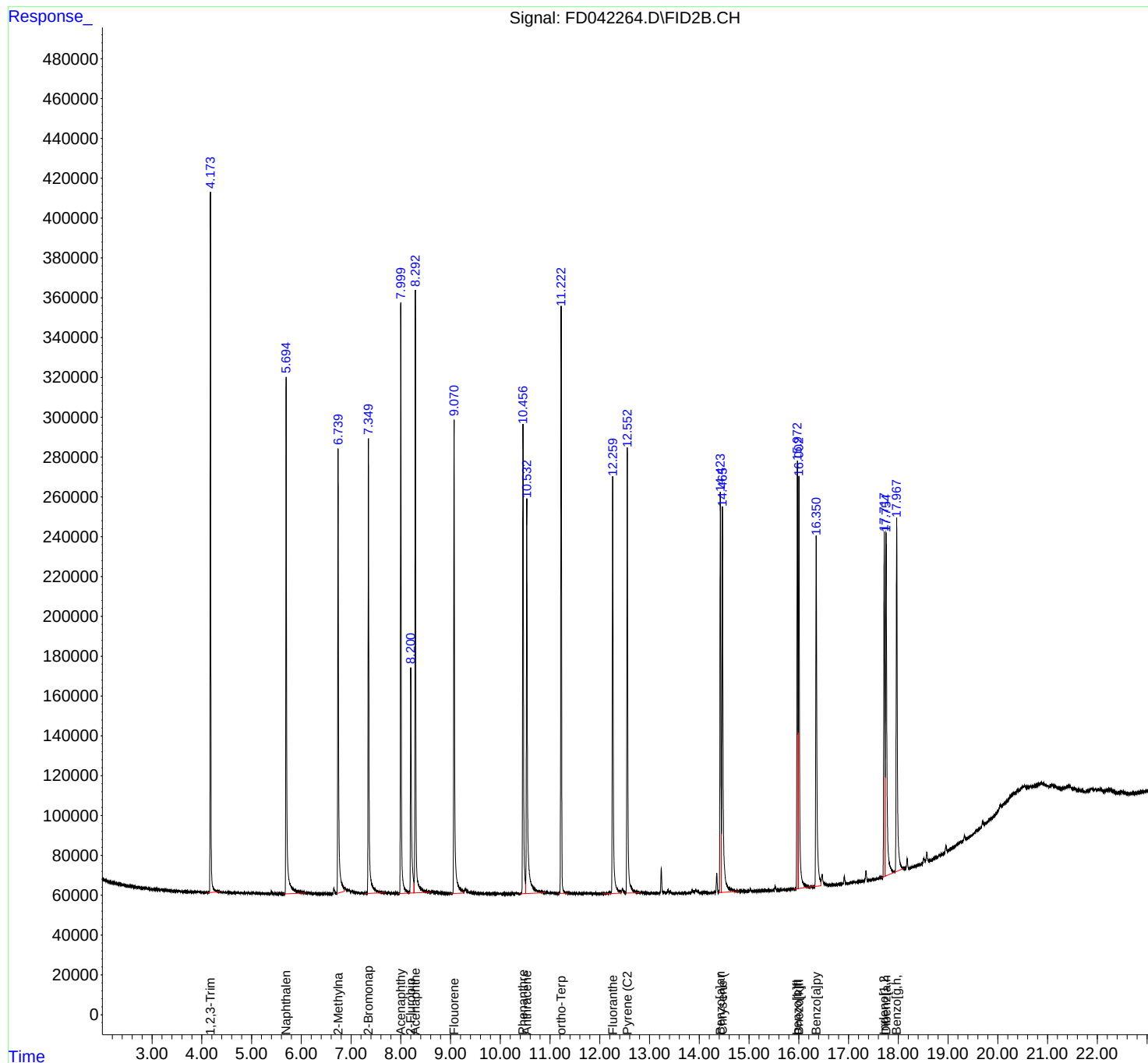
(m)=manual int.

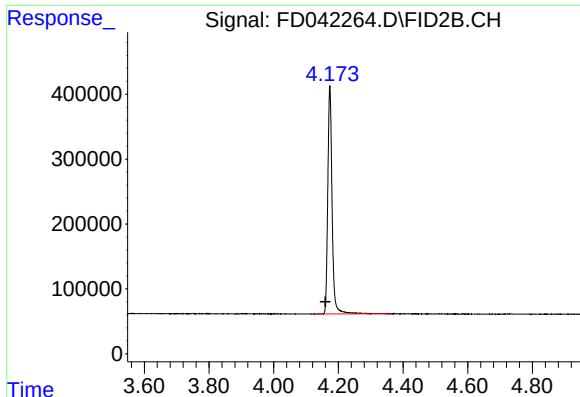
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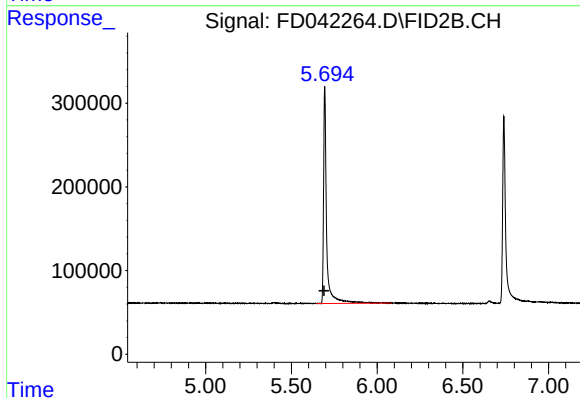




#1 1,2,3-Trimethylbenzene (C10.1)

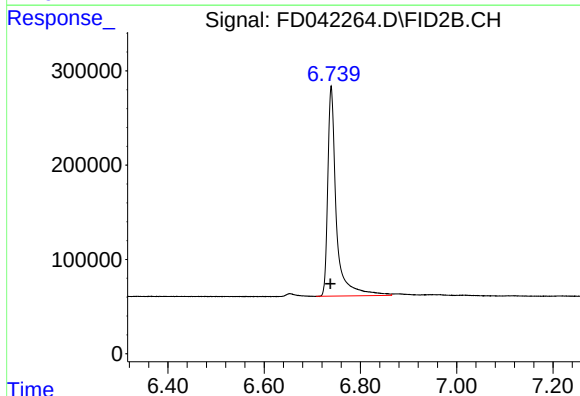
R.T.: 4.174 min
Delta R.T.: 0.014 min
Response: 3265092
Conc: 20.97 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



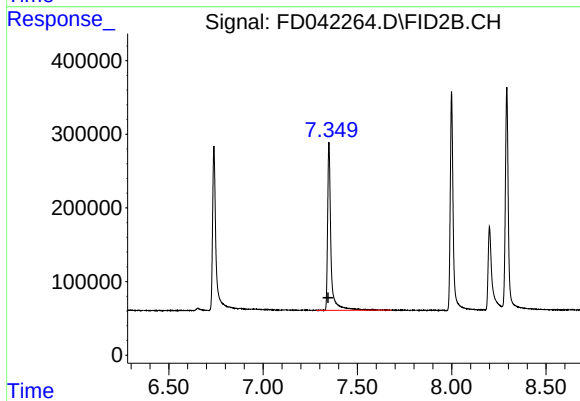
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: 0.004 min
Response: 3216658
Conc: 20.39 ug/ml



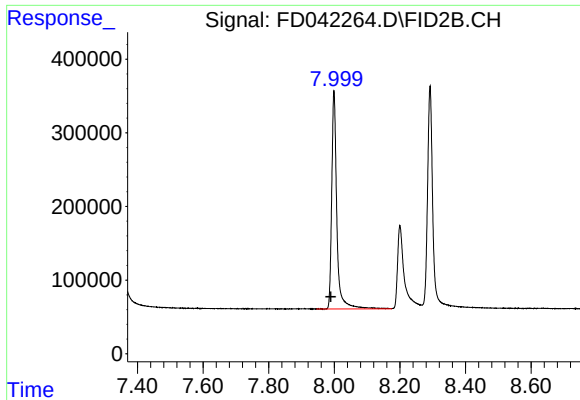
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: 0.002 min
Response: 2777161
Conc: 19.21 ug/ml



#4 2-Bromonaphthalene (SURR)

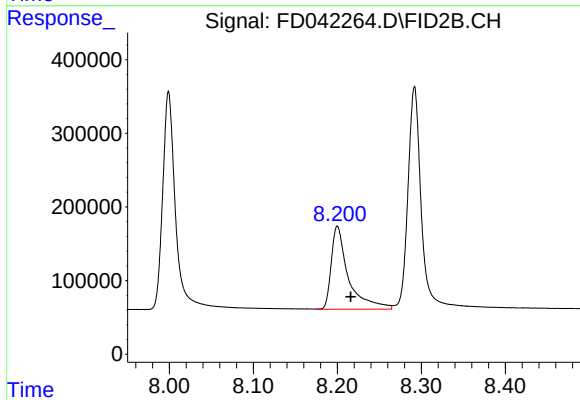
R.T.: 7.349 min
Delta R.T.: 0.004 min
Response: 2840077
Conc: 20.26 ug/ml



#5 Acenaphthylene (C15.06)

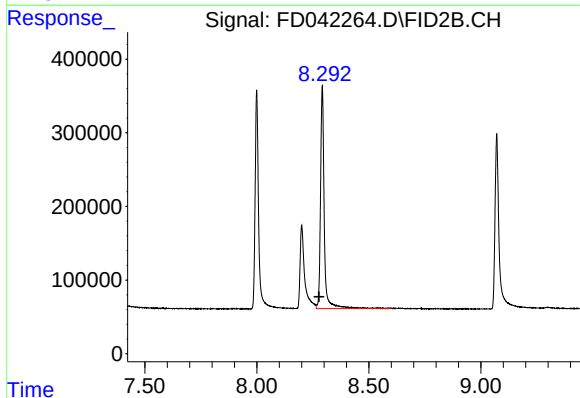
R.T.: 7.999 min
Delta R.T.: 0.010 min
Response: 3208728
Conc: 19.47 ug/ml

Instrument :
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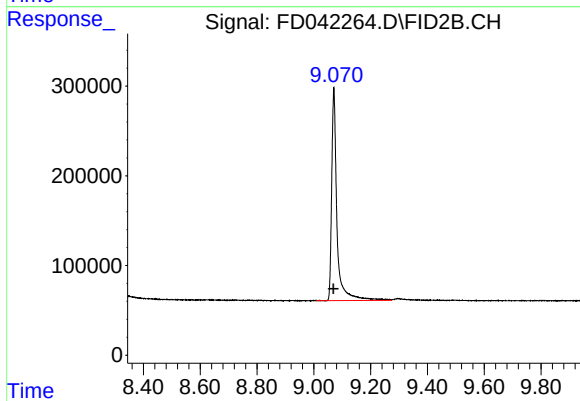
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.200 min
Delta R.T.: -0.015 min
Response: 1607490
Conc: 22.56 ug/ml



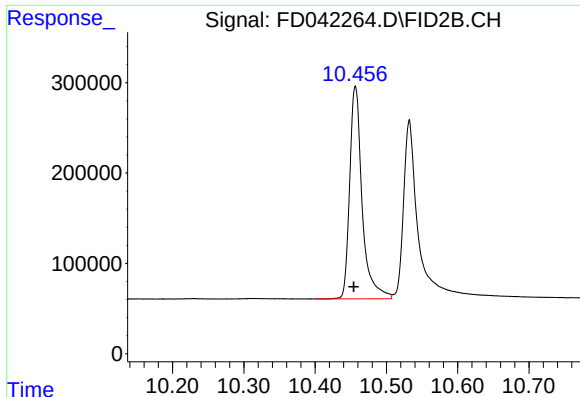
#7 Acenaphthene (C15.5)

R.T.: 8.292 min
Delta R.T.: 0.014 min
Response: 3503474
Conc: 18.66 ug/ml



#8 Fluorene (C16.55)

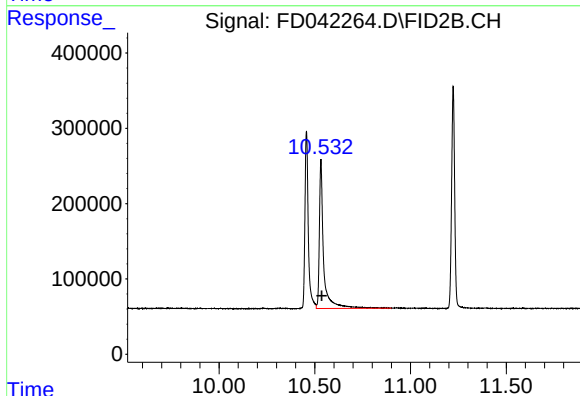
R.T.: 9.071 min
Delta R.T.: 0.001 min
Response: 3077280
Conc: 20.20 ug/ml



#9 Phenanthrene (C19.36)

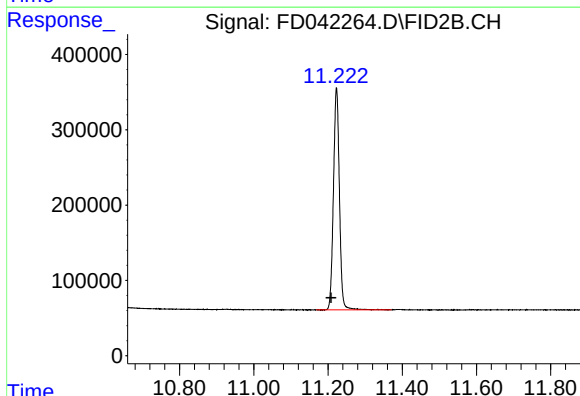
R.T.: 10.457 min
Delta R.T.: 0.003 min
Response: 2867053
Conc: 19.31 ug/ml

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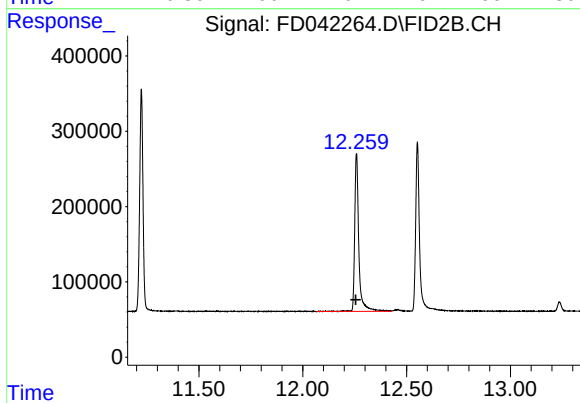
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: -0.005 min
Response: 3070051
Conc: 18.34 ug/ml



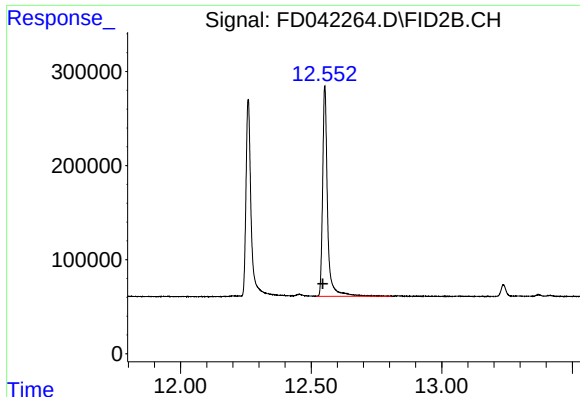
#11 ortho-Terphenyl (SURR)

R.T.: 11.223 min
Delta R.T.: 0.015 min
Response: 3283896
Conc: 18.95 ug/ml



#12 Fluoranthene (C21.85)

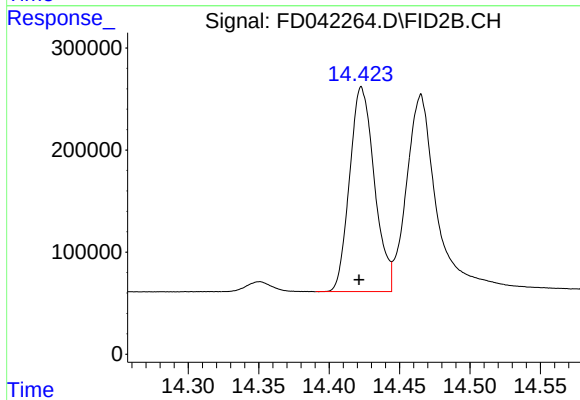
R.T.: 12.259 min
Delta R.T.: 0.004 min
Response: 2891093
Conc: 18.43 ug/ml



#13 Pyrene (C20.8)

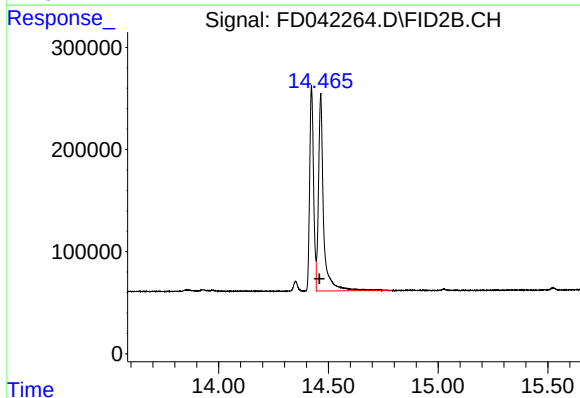
R.T.: 12.552 min
Delta R.T.: 0.008 min
Response: 2938312
Conc: 18.01 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



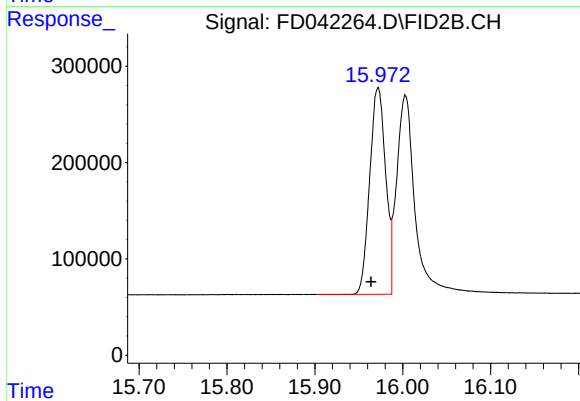
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.423 min
Delta R.T.: 0.002 min
Response: 2454313
Conc: 20.52 ug/ml



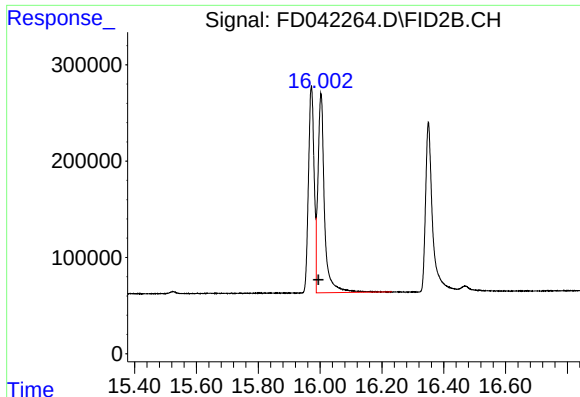
#15 Chrysene (C27.41)

R.T.: 14.465 min
Delta R.T.: 0.005 min
Response: 3136105
Conc: 17.09 ug/ml



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

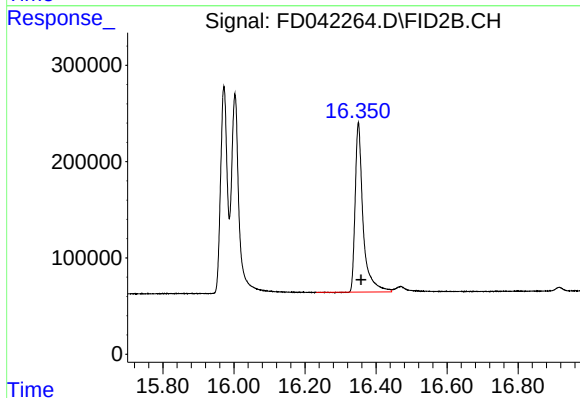
R.T.: 15.972 min
Delta R.T.: 0.008 min
Response: 2696288
Conc: 20.54 ug/ml



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

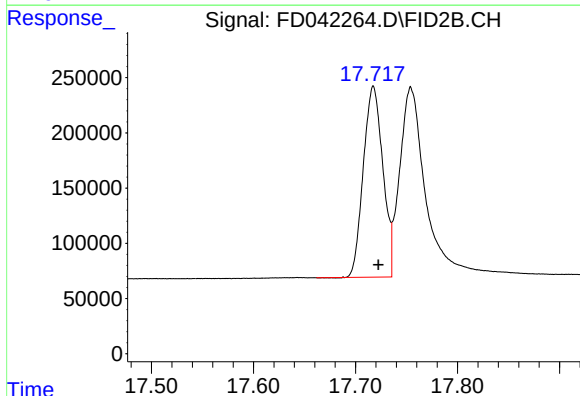
R.T.: 16.003 min
Delta R.T.: 0.008 min
Response: 3059912
Conc: 17.70 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



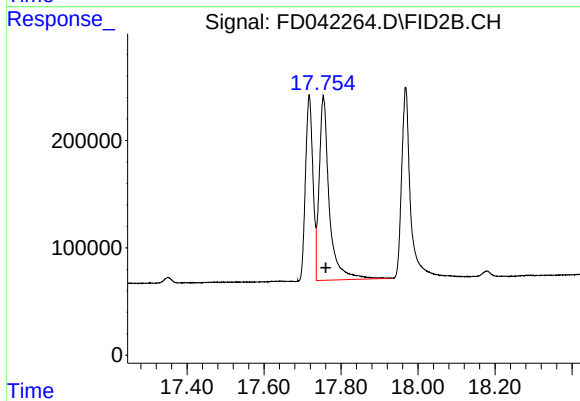
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.351 min
Delta R.T.: -0.007 min
Response: 2729688
Conc: 18.50 ug/ml



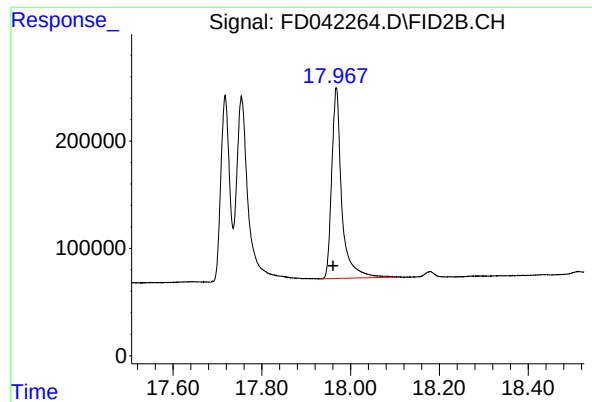
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.718 min
Delta R.T.: -0.005 min
Response: 2292891
Conc: 22.97 ug/ml



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

R.T.: 17.754 min
Delta R.T.: -0.006 min
Response: 3129517
Conc: 19.94 ug/ml



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

R.T.: 17.968 min
Delta R.T.: 0.007 min
Response: 2796733
Conc: 20.19 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD