

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031622AR\
 Data File : FD041603.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2022 14:28
 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: autoint1.e
 Quant Time: Mar 17 14:52:17 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.353	3360435	20.798 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
6) S 2-Fluorobiphenyl (SURR)	8.202	2085072	20.030 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.06%
11) S ortho-Terphenyl (SURR)	11.232	3653132	20.827 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	3717364	21.210 ug/ml
2) T Naphthalene (C11.7)	5.696	3842034	21.065 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	3653923	20.188 ug/ml
5) T Acenaphthylene (C15.06)	8.004	3684579	20.611 ug/ml
7) T Acenaphthene (C15.5)	8.297	4107149	21.487 ug/ml
8) T Fluorene (C16.55)	9.075	3526560	20.594 ug/ml
9) T Phenanthrene (C19.36)	10.461	3349755	20.389 ug/ml
10) T Anthracene (C19.43)	10.536	3338502	20.876 ug/ml
12) T Fluoranthene (C21.85)	12.264	3251647	19.353 ug/ml
13) T Pyrene (C20.8)	12.556	3217111	19.189 ug/ml
14) T Benzo[a]anthracene (C...	14.425	2856376	19.683 ug/ml
15) T Chrysene (C27.41)	14.466	3417003	20.750 ug/ml
16) T benzo[b]fluoranthene ...	15.972	3028983	22.193 ug/ml
17) T Bnezo[k]fluoranthene ...	16.002	3382397	22.921 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.348	3009308	22.886 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	2670452	21.303 ug/ml
20) T Dibenz[a,h]anthracene...	17.751	3427790	24.250 ug/ml
21) T Benzo[g,h,i]perylene ...	17.961	3034179	23.435 ug/ml

(f)=RT Delta > 1/2 Window

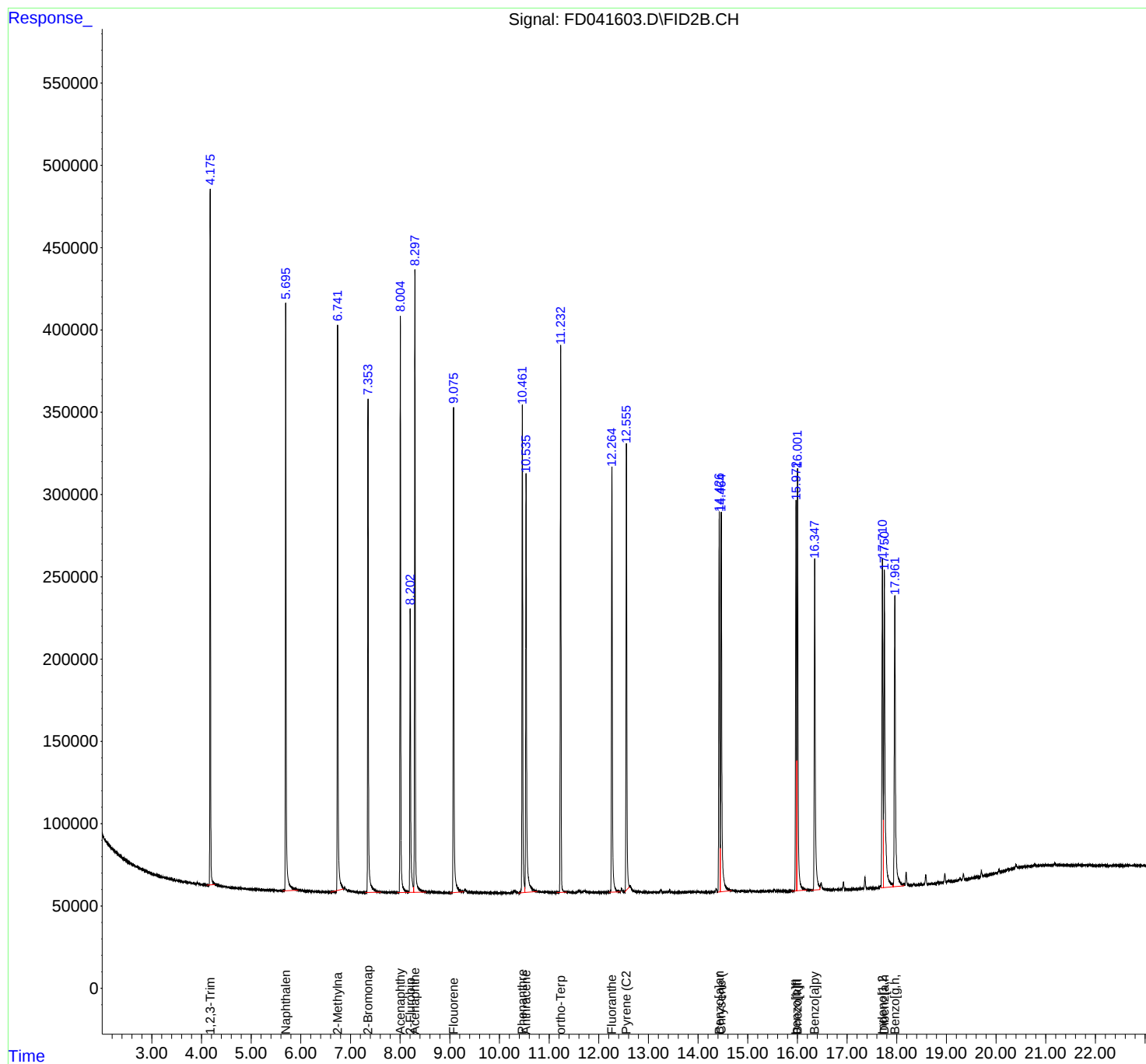
(m)=manual int.

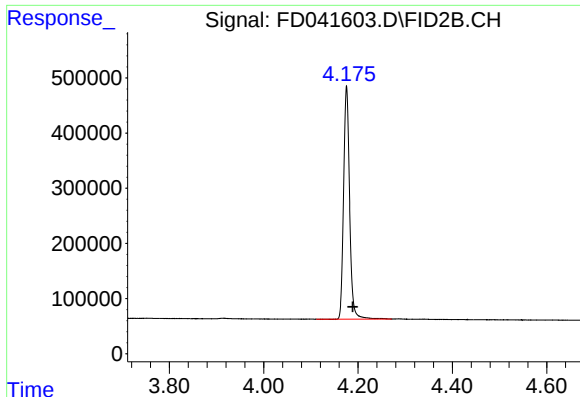
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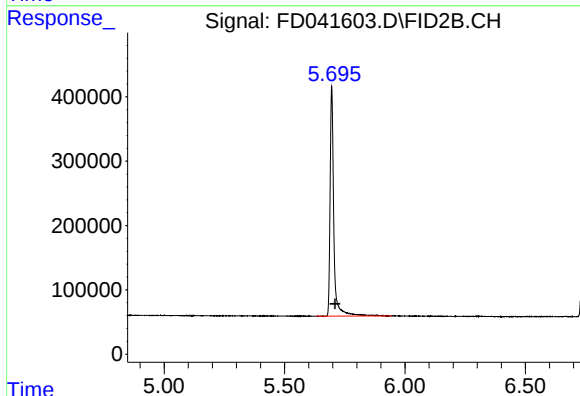




#1 1,2,3-Trimethylbenzene (C10.1)

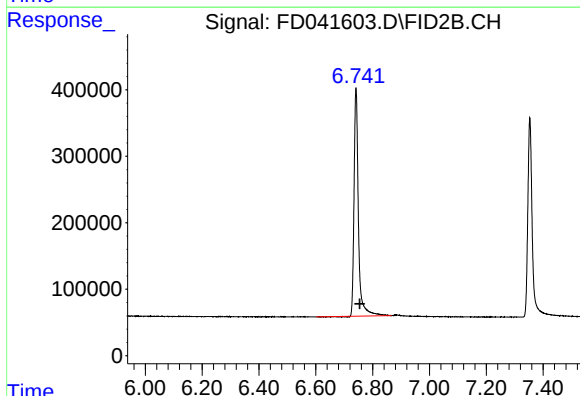
R.T.: 4.176 min
Delta R.T.: -0.013 min
Response: 3717364
Conc: 21.21 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



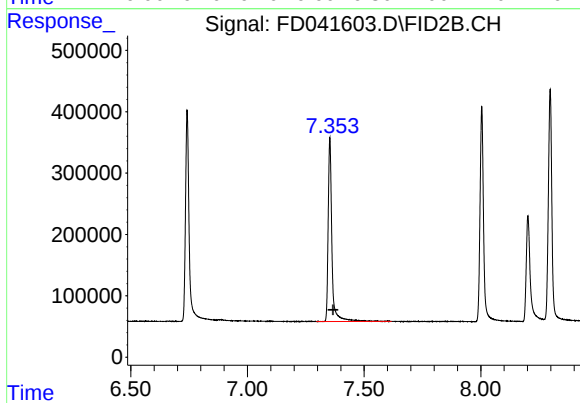
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.013 min
Response: 3842034
Conc: 21.07 ug/ml



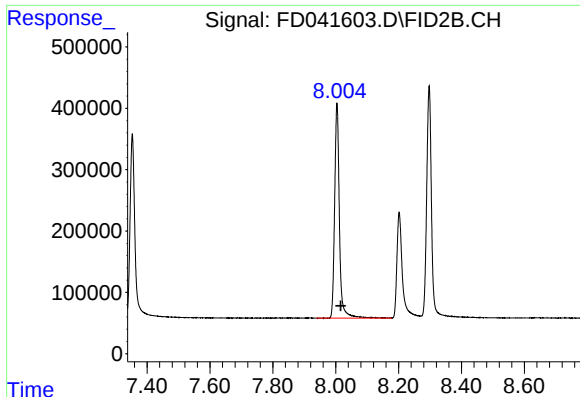
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.013 min
Response: 3653923
Conc: 20.19 ug/ml



#4 2-Bromonaphthalene (SURR)

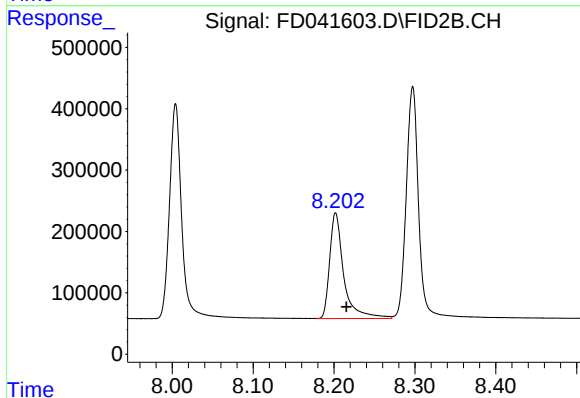
R.T.: 7.353 min
Delta R.T.: -0.013 min
Response: 3360435
Conc: 20.80 ug/ml



#5 Acenaphthylene (C15.06)

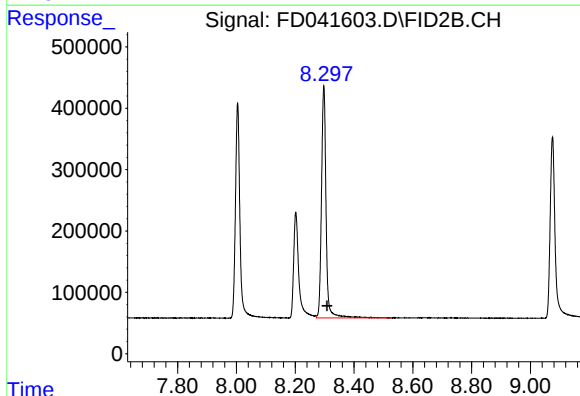
R.T.: 8.004 min
Delta R.T.: -0.012 min
Response: 3684579
Conc: 20.61 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



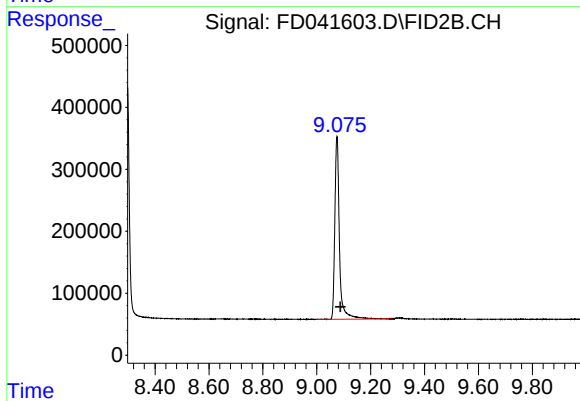
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.013 min
Response: 2085072
Conc: 20.03 ug/ml



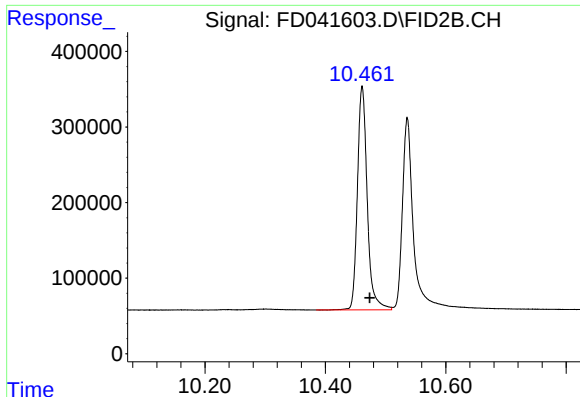
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: -0.012 min
Response: 4107149
Conc: 21.49 ug/ml



#8 Flouorene (C16.55)

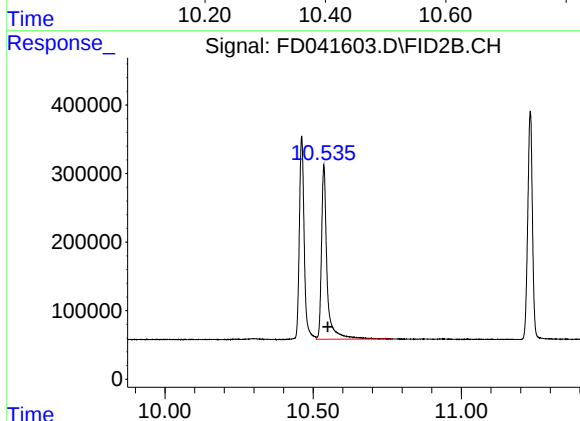
R.T.: 9.075 min
Delta R.T.: -0.012 min
Response: 3526560
Conc: 20.59 ug/ml



#9 Phenanthrene (C19.36)

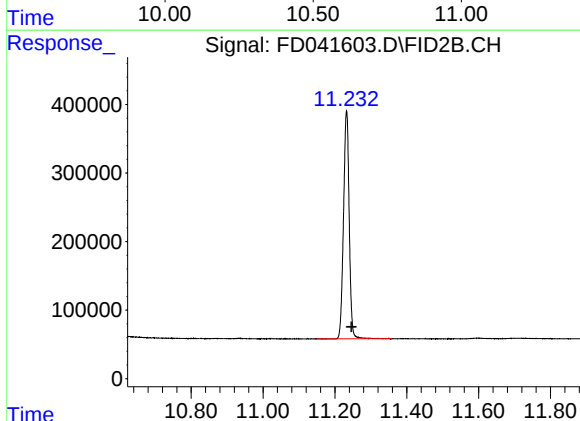
R.T.: 10.461 min
Delta R.T.: -0.012 min
Response: 3349755
Conc: 20.39 ug/ml

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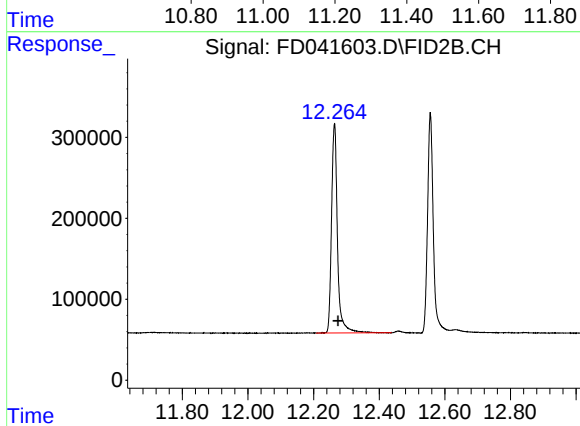
#10 Anthracene (C19.43)

R.T.: 10.536 min
Delta R.T.: -0.013 min
Response: 3338502
Conc: 20.88 ug/ml



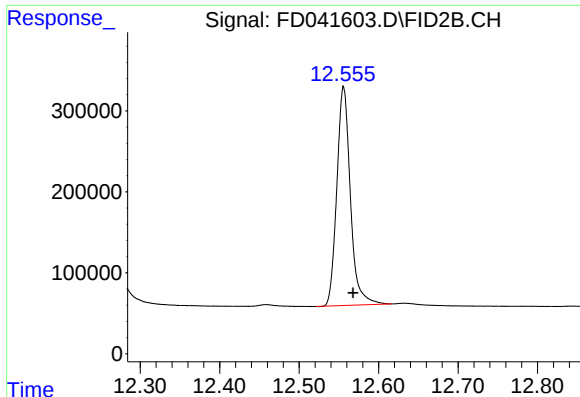
#11 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: -0.014 min
Response: 3653132
Conc: 20.83 ug/ml



#12 Fluoranthene (C21.85)

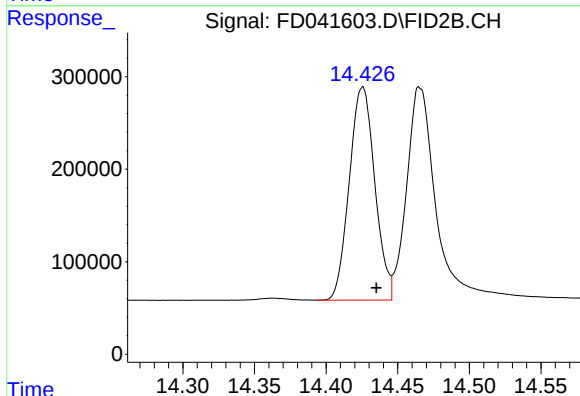
R.T.: 12.264 min
Delta R.T.: -0.011 min
Response: 3251647
Conc: 19.35 ug/ml



#13 Pyrene (C20.8)

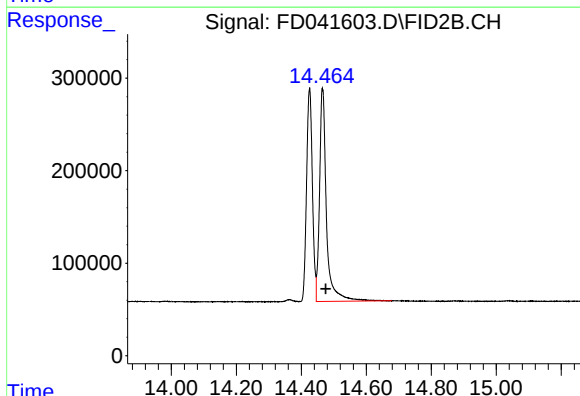
R.T.: 12.556 min
Delta R.T.: -0.012 min
Response: 3217111
Conc: 19.19 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



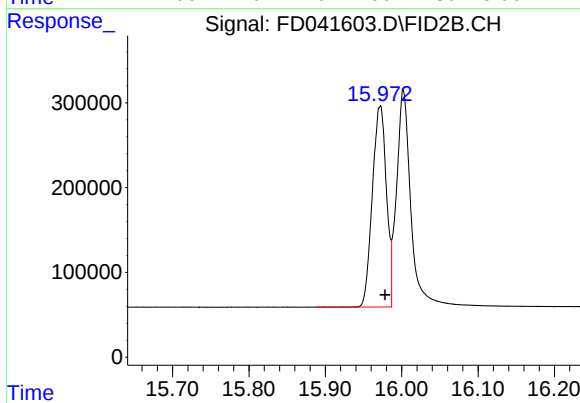
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.425 min
Delta R.T.: -0.010 min
Response: 2856376
Conc: 19.68 ug/ml



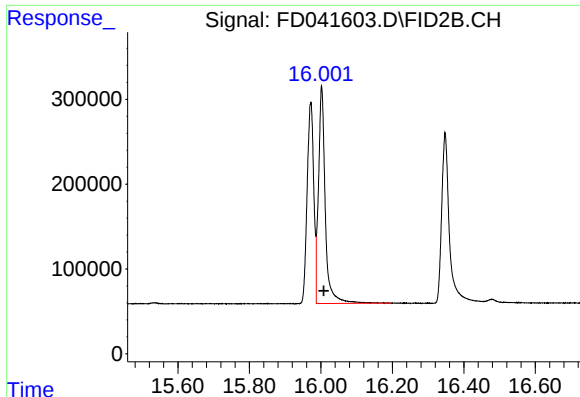
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: -0.010 min
Response: 3417003
Conc: 20.75 ug/ml



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

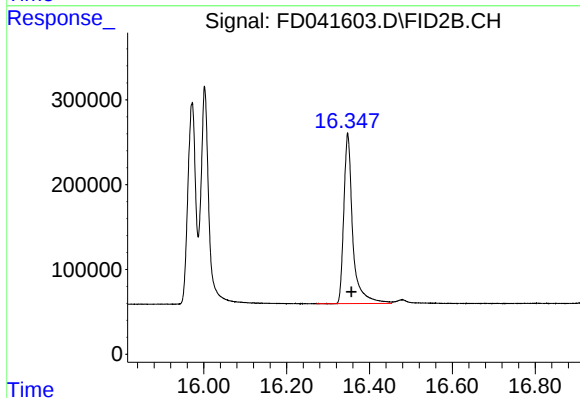
R.T.: 15.972 min
Delta R.T.: -0.007 min
Response: 3028983
Conc: 22.19 ug/ml



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

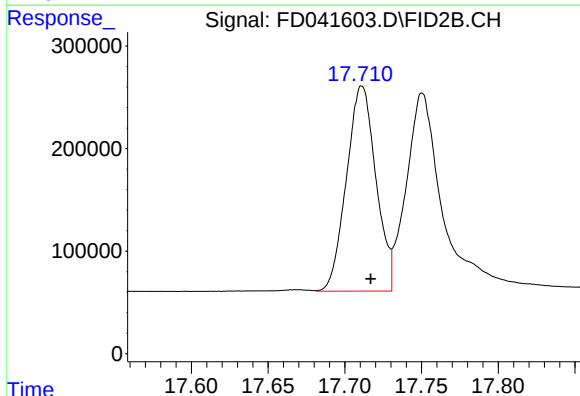
R.T.: 16.002 min
Delta R.T.: -0.006 min
Response: 3382397
Conc: 22.92 ug/ml

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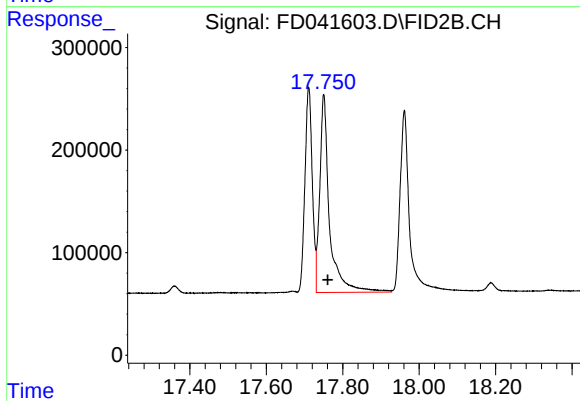
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.348 min
Delta R.T.: -0.009 min
Response: 3009308
Conc: 22.89 ug/ml



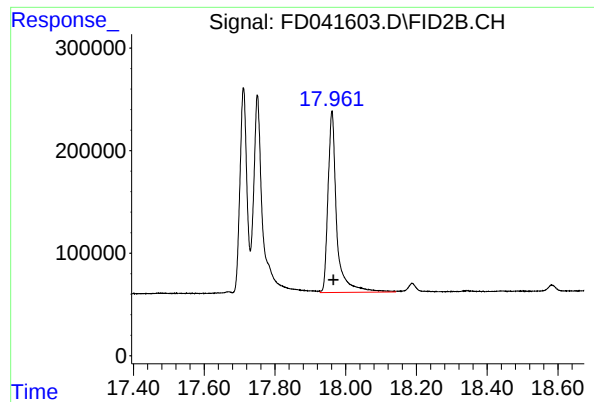
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.711 min
Delta R.T.: -0.006 min
Response: 2670452
Conc: 21.30 ug/ml



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

R.T.: 17.751 min
Delta R.T.: -0.010 min
Response: 3427790
Conc: 24.25 ug/ml



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

R.T.: 17.961 min
Delta R.T.: -0.004 min
Response: 3034179
Conc: 23.43 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD