

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031622AR\
 Data File : FD041621.D
 Signal(s) : FID2B.CH
 Acq On : 18 Mar 2022 2:28
 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 18 04:02:20 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...	7.354	3257944	20.164 ug/ml
Spiked Amount 50.000		Recovery =	40.33%
6) S 2-Fluorobiphenyl (SURR)	8.203	2033631	19.536 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.07%
11) S ortho-Terphenyl (SURR)	11.234	3586655	20.448 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.175	3620251	20.656 ug/ml
2) T Naphthalene (C11.7)	5.696	3714635	20.367 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	3549281	19.610 ug/ml
5) T Acenaphthylene (C15.06)	8.005	3586117	20.060 ug/ml
7) T Acenaphthene (C15.5)	8.298	3990821	20.878 ug/ml
8) T Fluorene (C16.55)	9.076	3448300	20.137 ug/ml
9) T Phenanthrene (C19.36)	10.463	3285294	19.997 ug/ml
10) T Anthracene (C19.43)	10.537	3292764	20.590 ug/ml
12) T Fluoranthene (C21.85)	12.264	3198927	19.040 ug/ml
13) T Pyrene (C20.8)	12.557	3230263	19.267 ug/ml
14) T Benzo[a]anthracene (C...	14.427	2830078	19.502 ug/ml
15) T Chrysene (C27.41)	14.467	3336607	20.262 ug/ml
16) T benzo[b]fluoranthene ...	15.973	2996544	21.956 ug/ml
17) T Bnezo[k]fluoranthene ...	16.003	3262049	22.105 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.349	2973501	22.614 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.714	2717741	21.680 ug/ml
20) T Dibenz[a,h]anthracene...	17.753	3294687	23.308 ug/ml
21) T Benzo[g,h,i]perylene ...	17.963	2979501	23.012 ug/ml

(f)=RT Delta > 1/2 Window

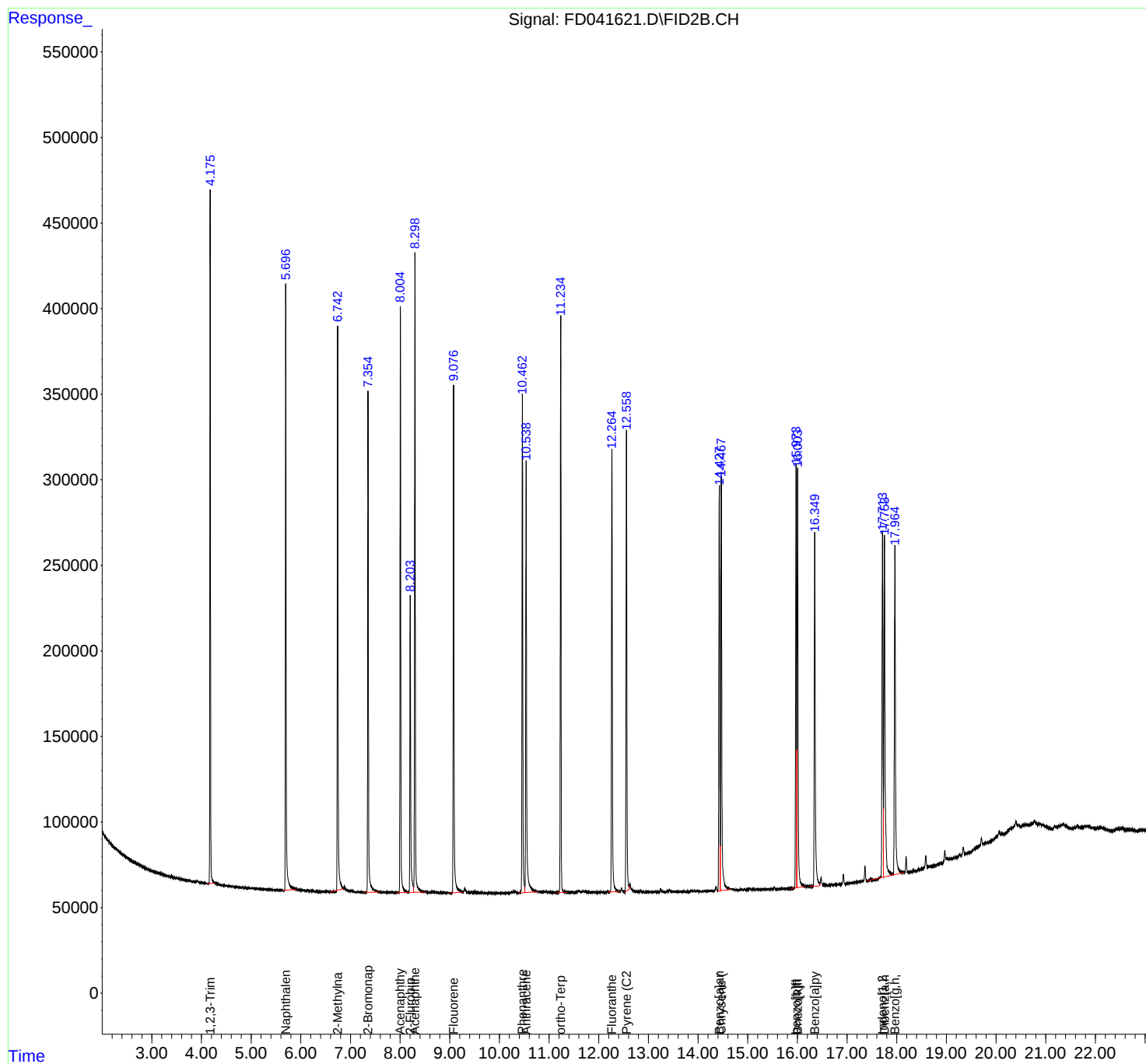
(m)=manual int.

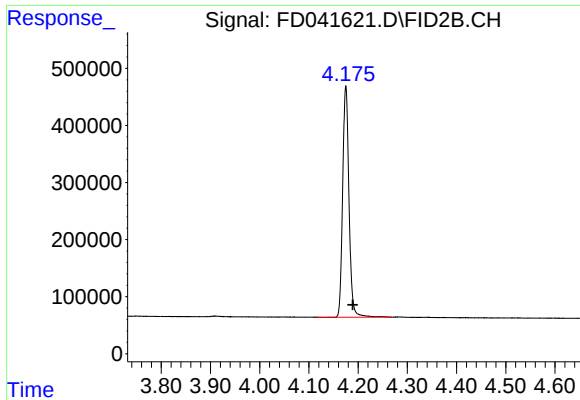
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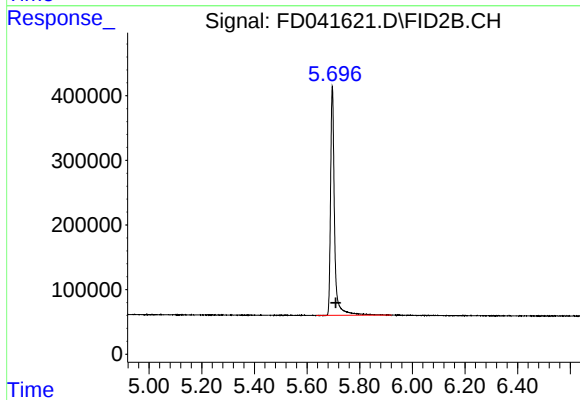




#1 1,2,3-Trimethylbenzene (C10.1)

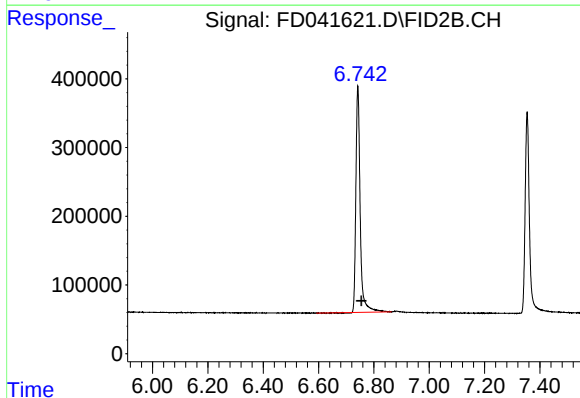
R.T.: 4.175 min
Delta R.T.: -0.014 min
Response: 3620251
Conc: 20.66 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



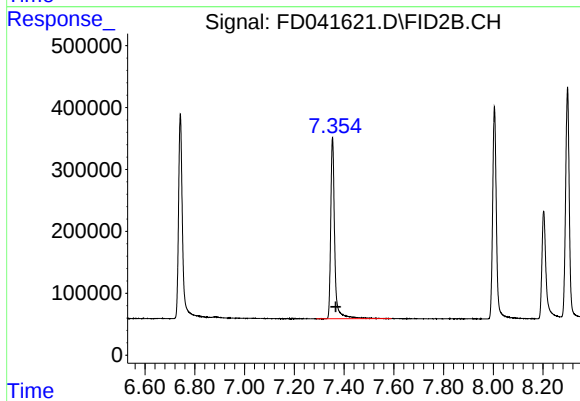
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.013 min
Response: 3714635
Conc: 20.37 ug/ml



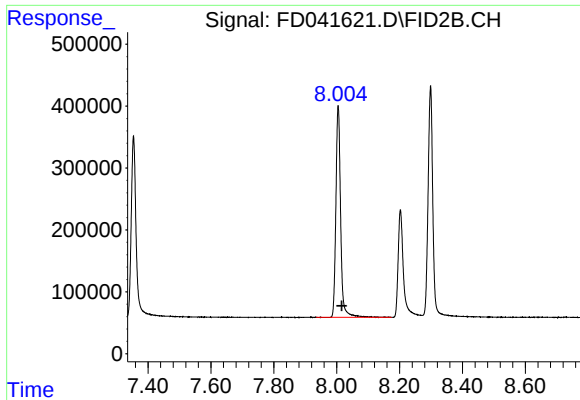
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.012 min
Response: 3549281
Conc: 19.61 ug/ml



#4 2-Bromonaphthalene (SURR)

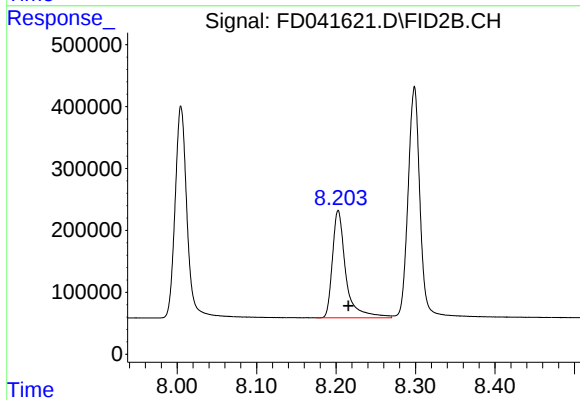
R.T.: 7.354 min
Delta R.T.: -0.012 min
Response: 3257944
Conc: 20.16 ug/ml



#5 Acenaphthylene (C15.06)

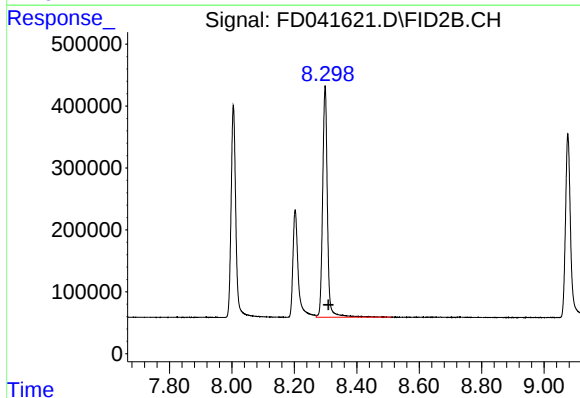
R.T.: 8.005 min
Delta R.T.: -0.011 min
Response: 3586117
Conc: 20.06 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



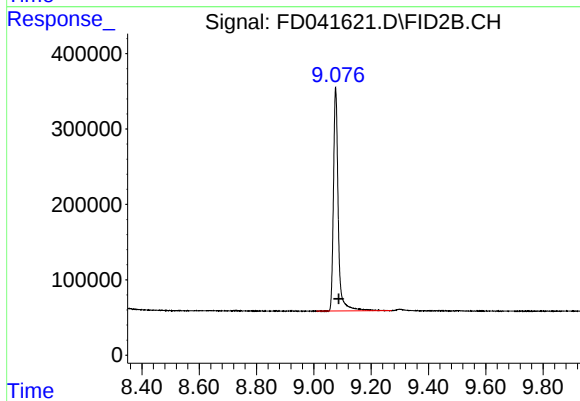
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.013 min
Response: 2033631
Conc: 19.54 ug/ml



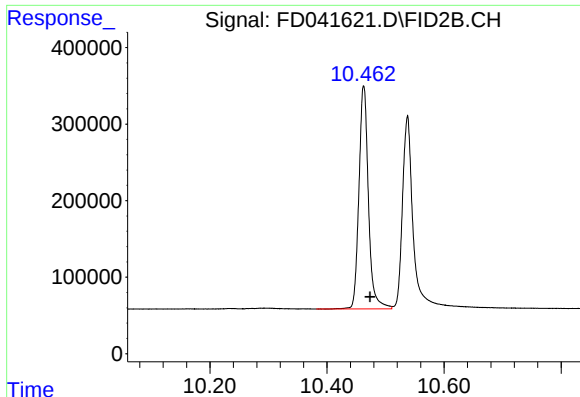
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.011 min
Response: 3990821
Conc: 20.88 ug/ml



#8 Flouorene (C16.55)

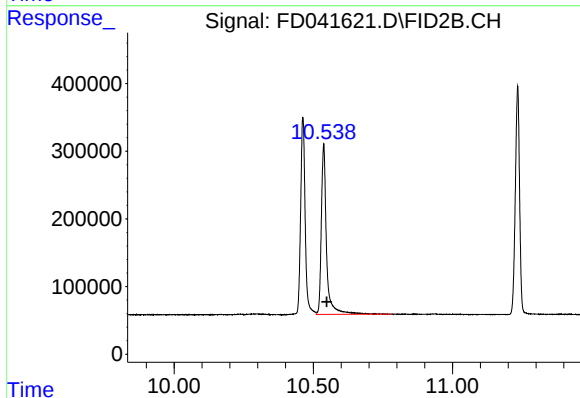
R.T.: 9.076 min
Delta R.T.: -0.011 min
Response: 3448300
Conc: 20.14 ug/ml



#9 Phenanthrene (C19.36)

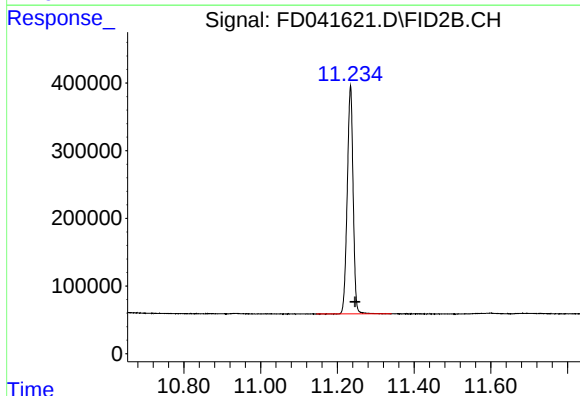
R.T.: 10.463 min
Delta R.T.: -0.011 min
Response: 3285294
Conc: 20.00 ug/ml

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20 PPM AROMATIC HC STD



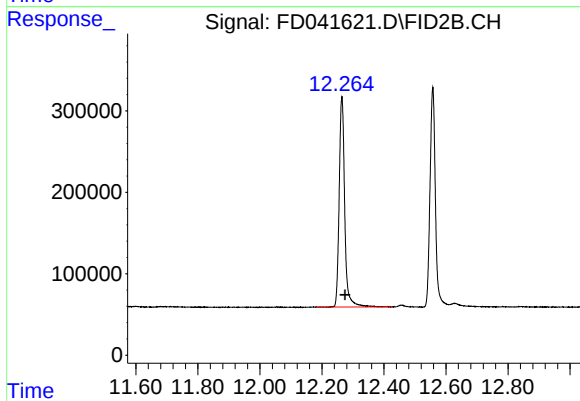
#10 Anthracene (C19.43)

R.T.: 10.537 min
Delta R.T.: -0.011 min
Response: 3292764
Conc: 20.59 ug/ml



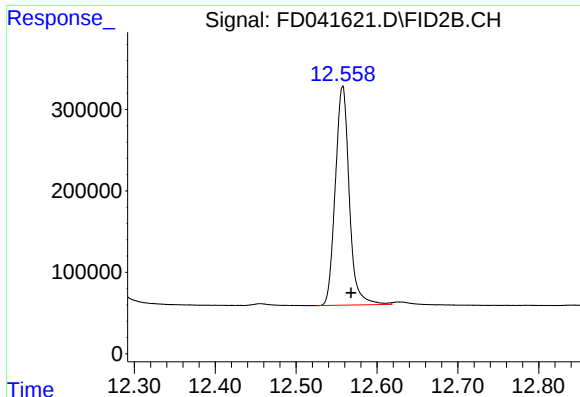
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.013 min
Response: 3586655
Conc: 20.45 ug/ml



#12 Fluoranthene (C21.85)

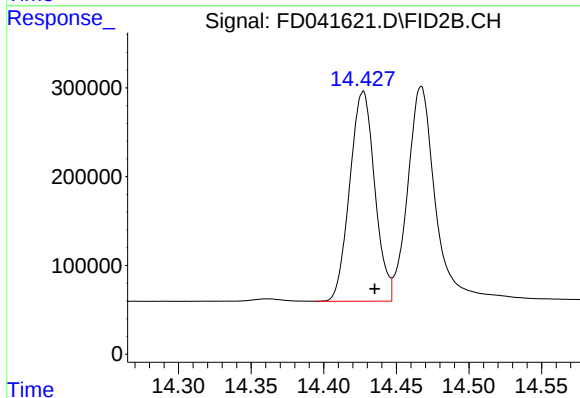
R.T.: 12.264 min
Delta R.T.: -0.010 min
Response: 3198927
Conc: 19.04 ug/ml



#13 Pyrene (C20.8)

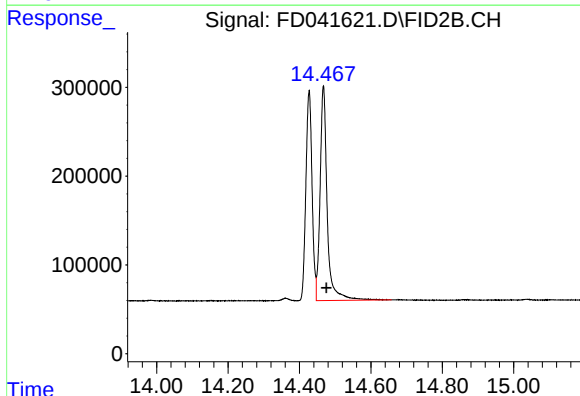
R.T.: 12.557 min
Delta R.T.: -0.011 min
Response: 3230263
Conc: 19.27 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



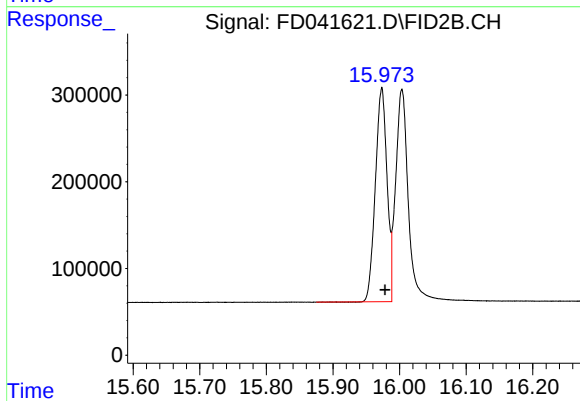
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.427 min
Delta R.T.: -0.008 min
Response: 2830078
Conc: 19.50 ug/ml



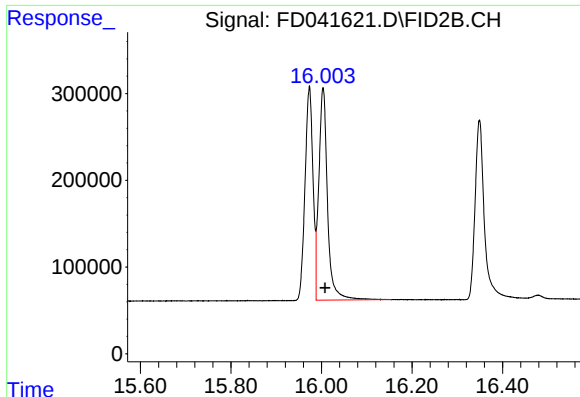
#15 Chrysene (C27.41)

R.T.: 14.467 min
Delta R.T.: -0.009 min
Response: 3336607
Conc: 20.26 ug/ml



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

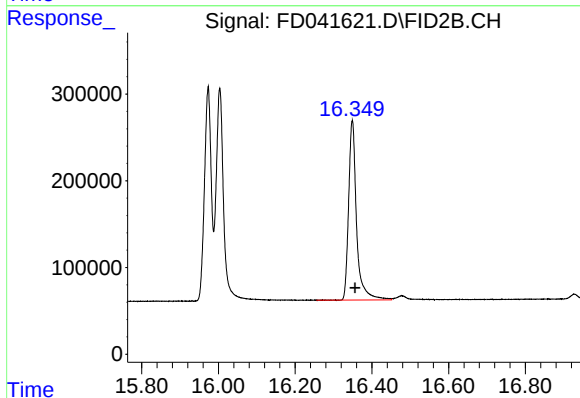
R.T.: 15.973 min
Delta R.T.: -0.005 min
Response: 2996544
Conc: 21.96 ug/ml



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

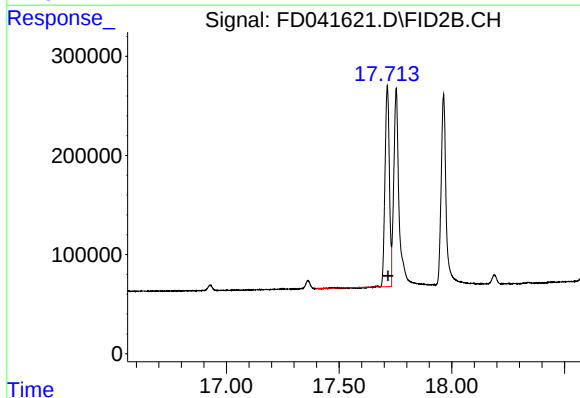
R.T.: 16.003 min
Delta R.T.: -0.005 min
Response: 3262049
Conc: 22.11 ug/ml

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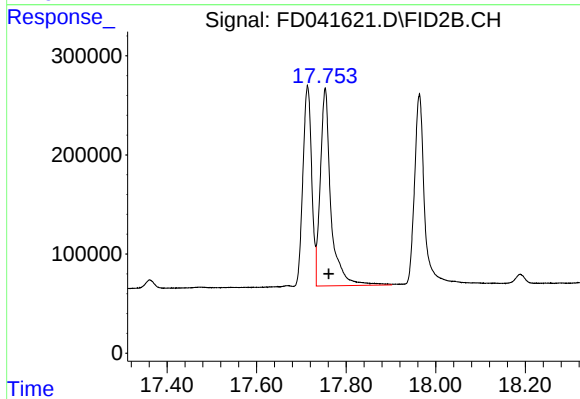
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.349 min
Delta R.T.: -0.007 min
Response: 2973501
Conc: 22.61 ug/ml



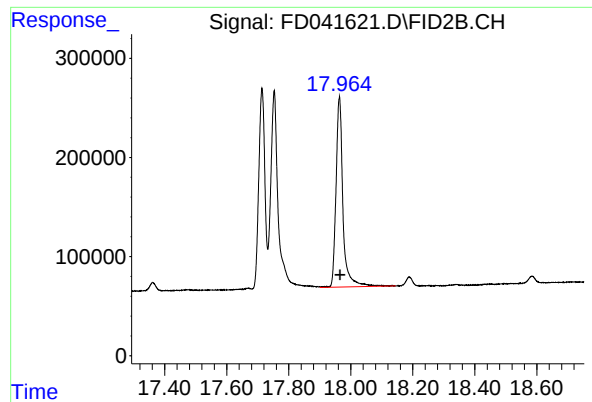
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.714 min
Delta R.T.: -0.003 min
Response: 2717741
Conc: 21.68 ug/ml



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

R.T.: 17.753 min
Delta R.T.: -0.008 min
Response: 3294687
Conc: 23.31 ug/ml



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

R.T.: 17.963 min
Delta R.T.: -0.002 min
Response: 2979501
Conc: 23.01 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD