

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050222AR\
 Data File : FD042225.D
 Signal(s) : FID2B.CH
 Acq On : 02 May 2022 12:29
 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: May 02 20:12:48 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...	7.346	2902945	20.711 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
6) S 2-Fluorobiphenyl (SURR)	8.198	1697656	23.826 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.65%
11) S ortho-Terphenyl (SURR)	11.221	3388824	19.551 ug/ml
Spiked Amount 50.000		Recovery =	39.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	3418397	21.958 ug/ml
2) T Naphthalene (C11.7)	5.691	3340595	21.177 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	2945683	20.371 ug/ml
5) T Acenaphthylene (C15.06)	7.997	3325069	20.176 ug/ml
7) T Acenaphthene (C15.5)	8.290	3574885	19.041 ug/ml
8) T Flouorene (C16.55)	9.068	3188509	20.934 ug/ml
9) T Phenanthrene (C19.36)	10.455	2957559	19.918 ug/ml
10) T Anthracene (C19.43)	10.531	3169190	18.931 ug/ml
12) T Fluoranthene (C21.85)	12.257	2873451	18.319 ug/ml
13) T Pyrene (C20.8)	12.549	2921370	17.911 ug/ml
14) T Benzo[a]anthracene (C...	14.420	2352175	19.664 ug/ml
15) T Chrysene (C27.41)	14.461	2948327	16.070 ug/ml
16) T benzo[b]fluoranthene ...	15.968	2584987	19.688 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.998	2863681	16.564 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.346	2627420	17.808 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.713	2242125	22.463 ug/ml
20) T Dibenz[a,h]anthracene...	17.750	2960914	18.865 ug/ml
21) T Benzo[g,h,i]perylene ...	17.963	2705846	19.538 ug/ml

(f)=RT Delta > 1/2 Window

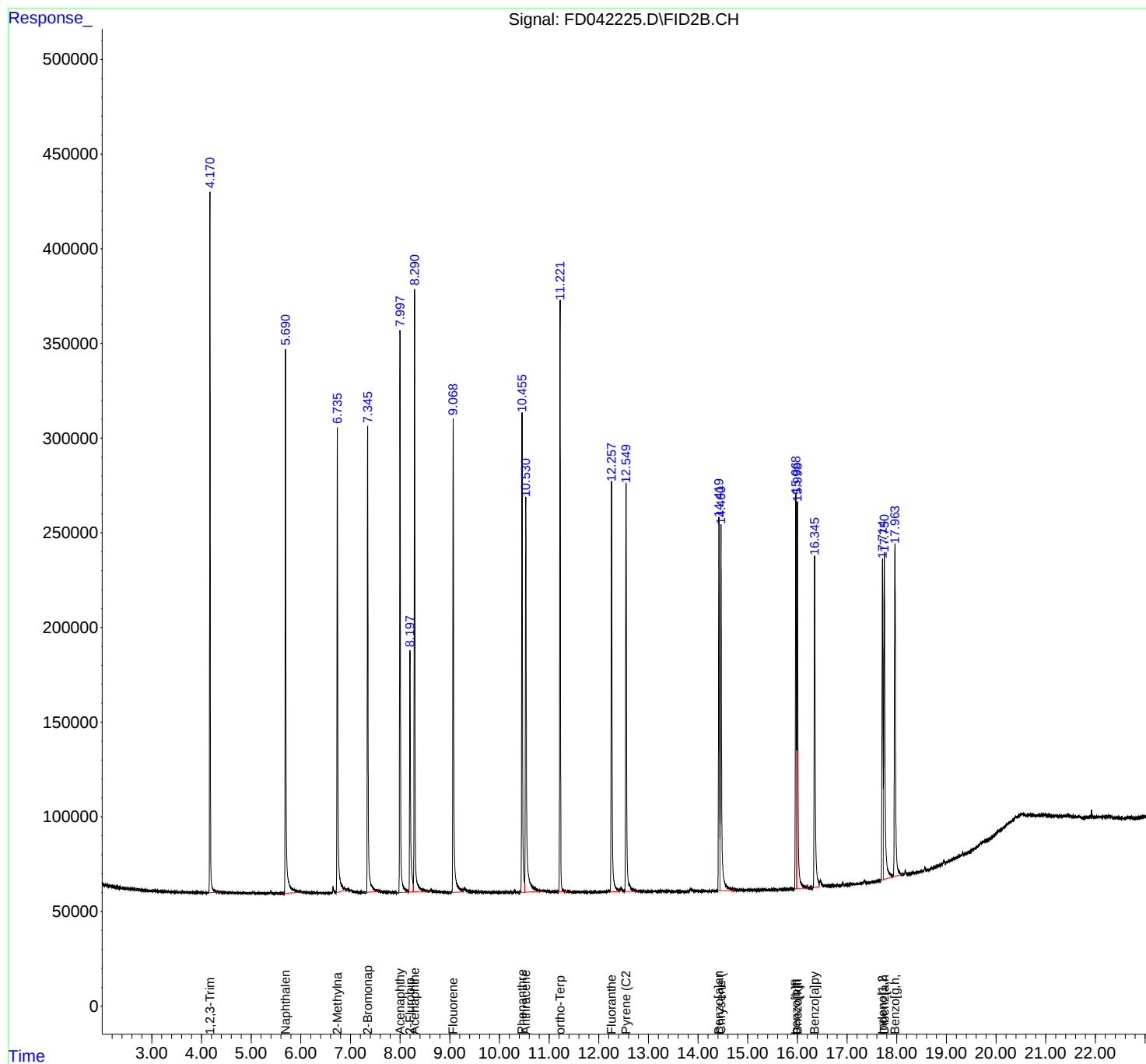
(m)=manual int.

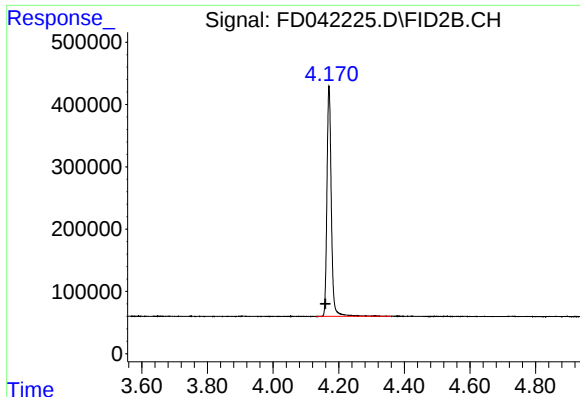
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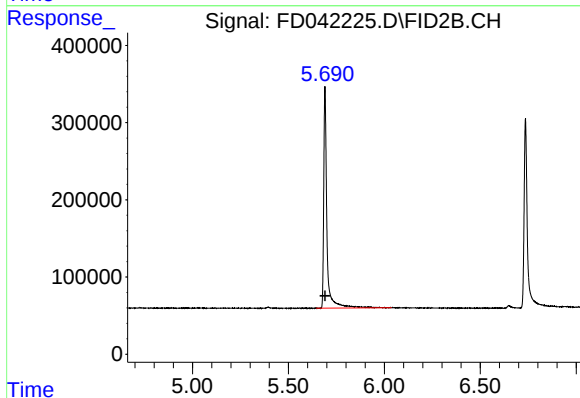




#1 1,2,3-Trimethylbenzene (C10.1)

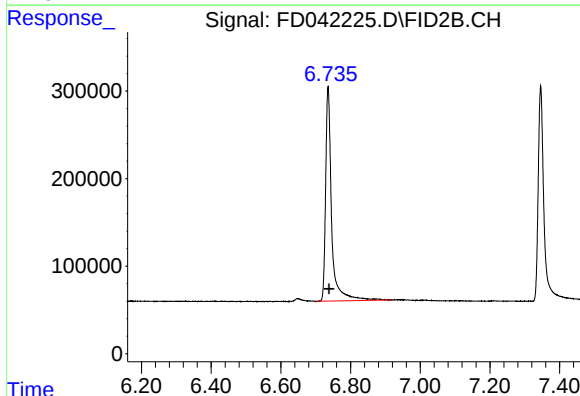
R.T.: 4.171 min
Delta R.T.: 0.011 min
Response: 3418397
Conc: 21.96 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



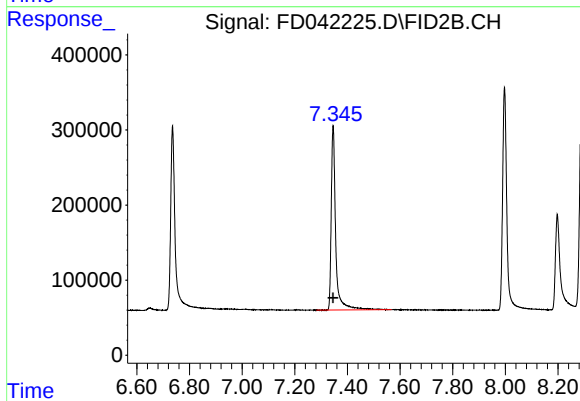
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: 0.000 min
Response: 3340595
Conc: 21.18 ug/ml



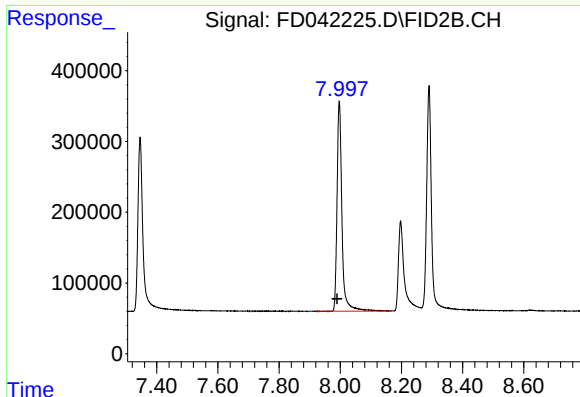
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.002 min
Response: 2945683
Conc: 20.37 ug/ml



#4 2-Bromonaphthalene (SURR)

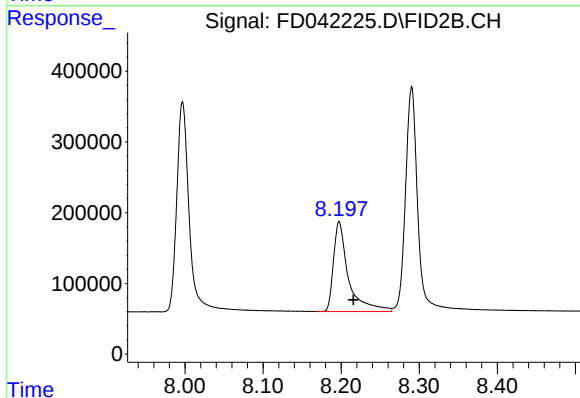
R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 2902945
Conc: 20.71 ug/ml



#5 Acenaphthylene (C15.06)

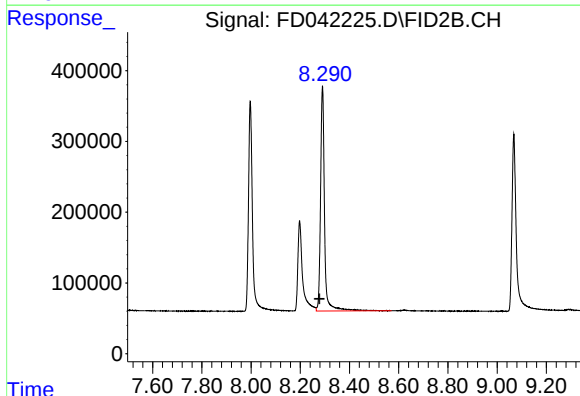
R.T.: 7.997 min
Delta R.T.: 0.008 min
Response: 3325069
Conc: 20.18 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



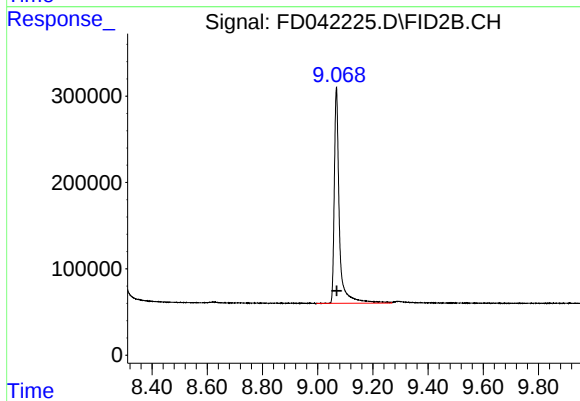
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.198 min
Delta R.T.: -0.018 min
Response: 1697656
Conc: 23.83 ug/ml



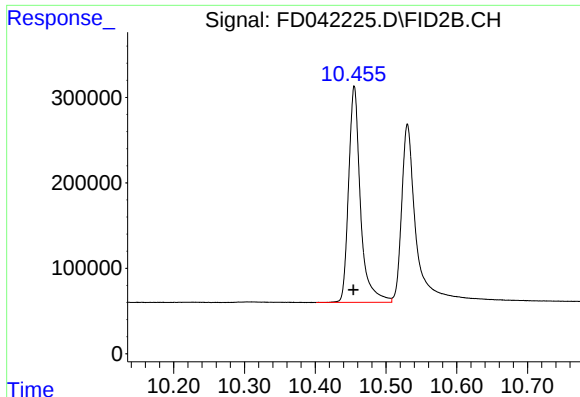
#7 Acenaphthene (C15.5)

R.T.: 8.290 min
Delta R.T.: 0.012 min
Response: 3574885
Conc: 19.04 ug/ml



#8 Fluorene (C16.55)

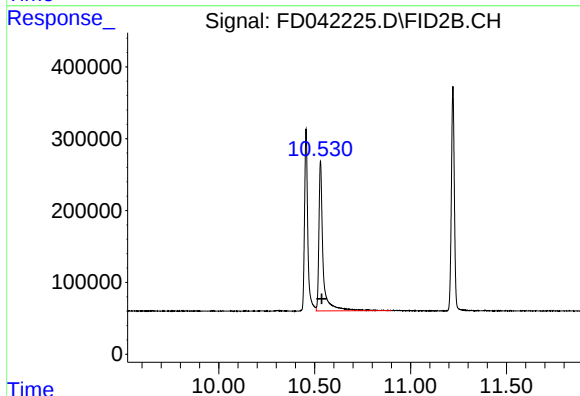
R.T.: 9.068 min
Delta R.T.: -0.001 min
Response: 3188509
Conc: 20.93 ug/ml



#9 Phenanthrene (C19.36)

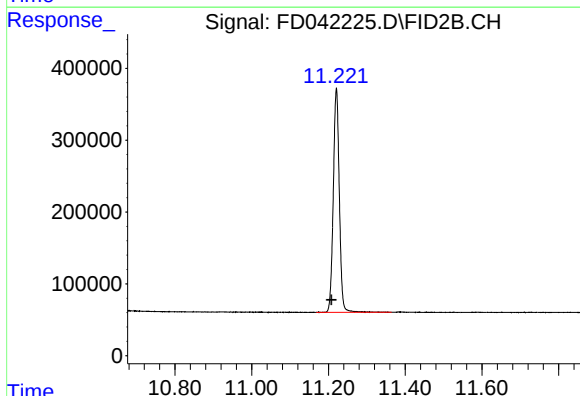
R.T.: 10.455 min
Delta R.T.: 0.001 min
Response: 2957559
Conc: 19.92 ug/ml

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20 PPM AROMATIC HC STD



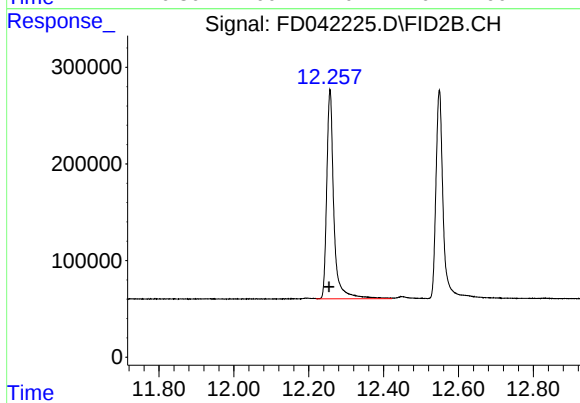
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.006 min
Response: 3169190
Conc: 18.93 ug/ml



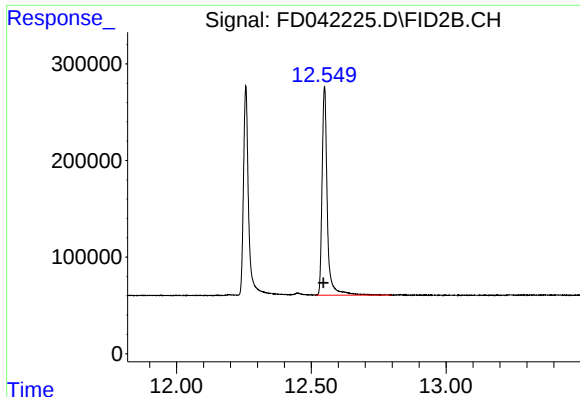
#11 ortho-Terphenyl (SURR)

R.T.: 11.221 min
Delta R.T.: 0.013 min
Response: 3388824
Conc: 19.55 ug/ml



#12 Fluoranthene (C21.85)

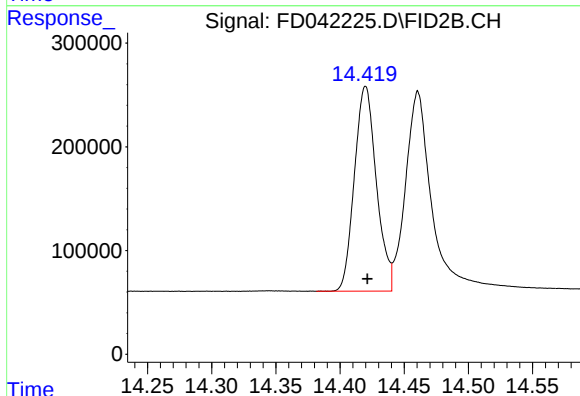
R.T.: 12.257 min
Delta R.T.: 0.002 min
Response: 2873451
Conc: 18.32 ug/ml



#13 Pyrene (C20.8)

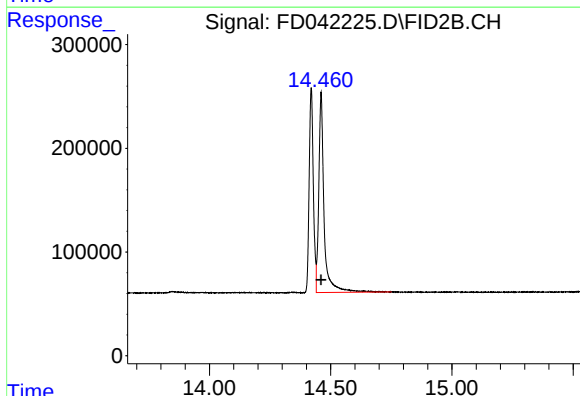
R.T.: 12.549 min
Delta R.T.: 0.004 min
Response: 2921370
Conc: 17.91 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



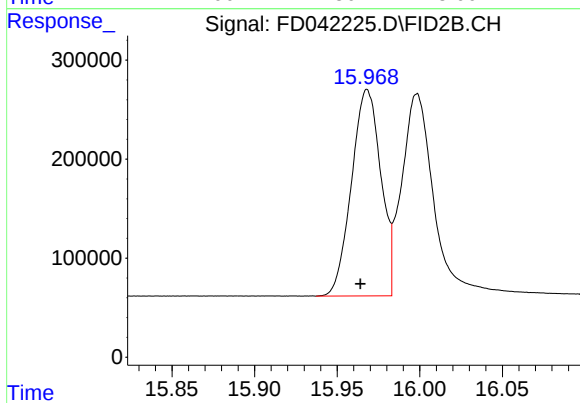
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.001 min
Response: 2352175
Conc: 19.66 ug/ml



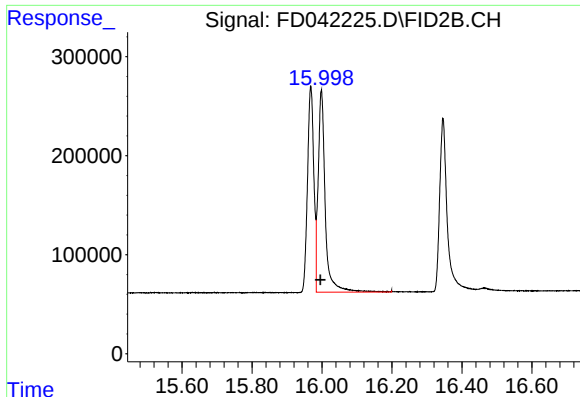
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: 0.000 min
Response: 2948327
Conc: 16.07 ug/ml



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

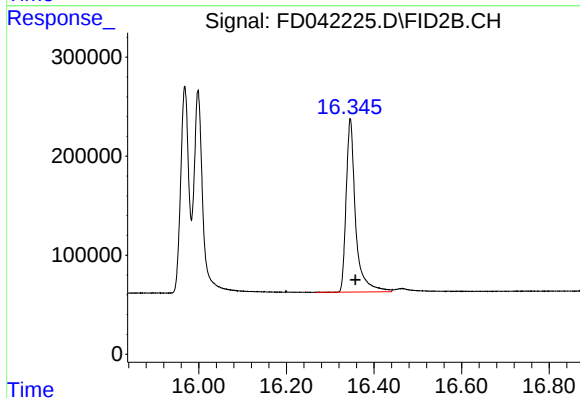
R.T.: 15.968 min
Delta R.T.: 0.004 min
Response: 2584987
Conc: 19.69 ug/ml m



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

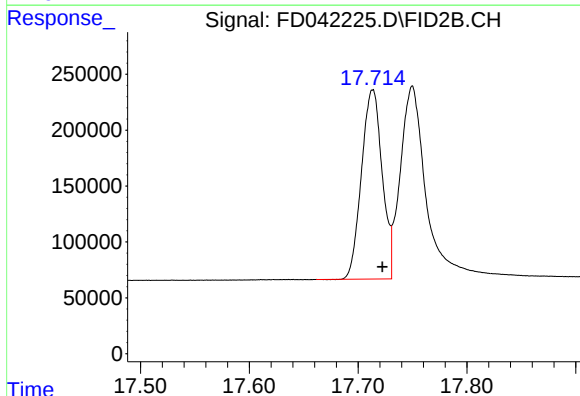
R.T.: 15.998 min
Delta R.T.: 0.003 min
Response: 2863681
Conc: 16.56 ug/ml

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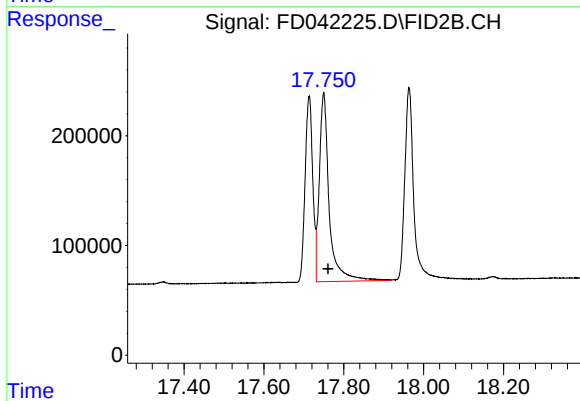
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.346 min
Delta R.T.: -0.012 min
Response: 2627420
Conc: 17.81 ug/ml



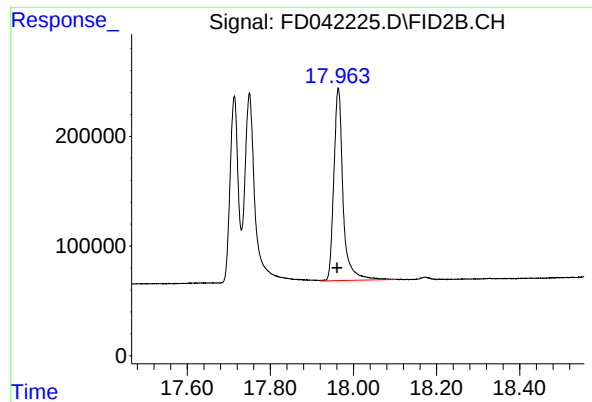
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.713 min
Delta R.T.: -0.009 min
Response: 2242125
Conc: 22.46 ug/ml



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

R.T.: 17.750 min
Delta R.T.: -0.011 min
Response: 2960914
Conc: 18.86 ug/ml



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

R.T.: 17.963 min
Delta R.T.: 0.003 min
Response: 2705846
Conc: 19.54 ug/ml

Instrument :

FID_D

ClientSampleId :

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