

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050422AR\
 Data File : FD042302.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2022 2:41
 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 05 03:05:44 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...	7.345	3007119	21.454 ug/ml
Spiked Amount 50.000		Recovery =	42.91%
6) S 2-Fluorobiphenyl (SURR)	8.197	1733794	24.333 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	48.67%
11) S ortho-Terphenyl (SURR)	11.223	3515970	20.285 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	3553354	22.825 ug/ml
2) T Naphthalene (C11.7)	5.689	3481118	22.067 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	3085507	21.337 ug/ml
5) T Acenaphthylene (C15.06)	7.996	3442116	20.886 ug/ml
7) T Acenaphthene (C15.5)	8.289	3743431	19.939 ug/ml
8) T Flouorene (C16.55)	9.068	3309415	21.727 ug/ml
9) T Phenanthrene (C19.36)	10.455	3061921	20.621 ug/ml
10) T Anthracene (C19.43)	10.531	3186506	19.034 ug/ml
12) T Fluoranthene (C21.85)	12.257	3089593	19.697 ug/ml
13) T Pyrene (C20.8)	12.550	3143493	19.273 ug/ml
14) T Benzo[a]anthracene (C...	14.421	2637948	22.053 ug/ml
15) T Chrysene (C27.41)	14.462	3383271	18.441 ug/ml
16) T benzo[b]fluoranthene ...	15.970	2894649	22.046 ug/ml
17) T Bnezo[k]fluoranthene ...	16.000	3335366	19.292 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.348	2953237	20.016 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.715	2463253	24.679 ug/ml
20) T Dibenz[a,h]anthracene...	17.751	3433603	21.876 ug/ml
21) T Benzo[g,h,i]perylene ...	17.964	3000822	21.668 ug/ml

(f)=RT Delta > 1/2 Window

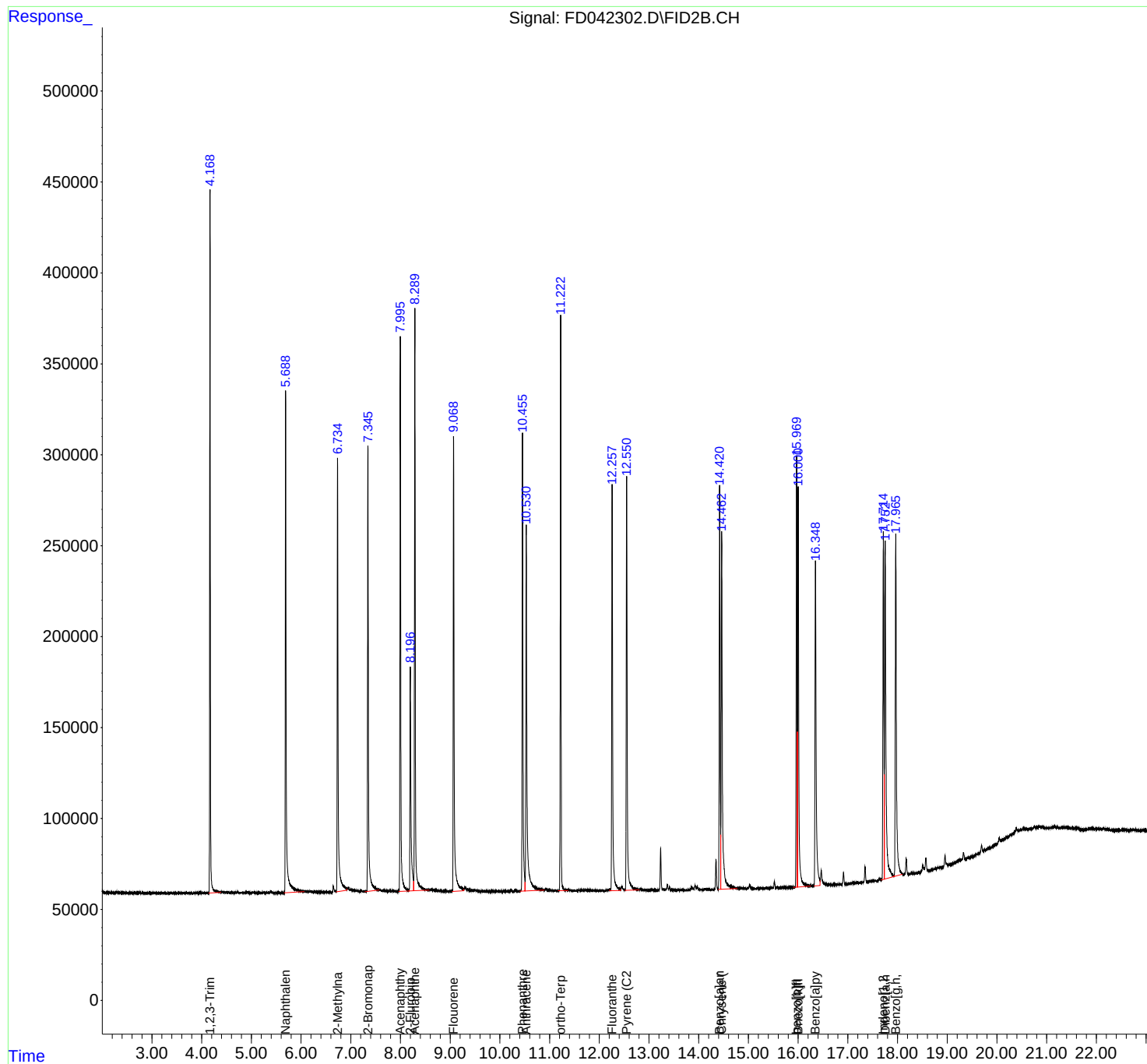
(m)=manual int.

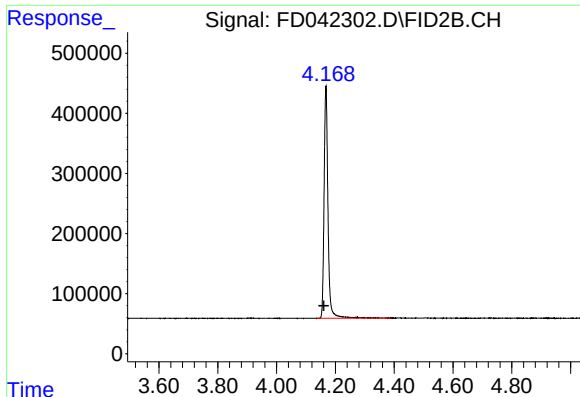
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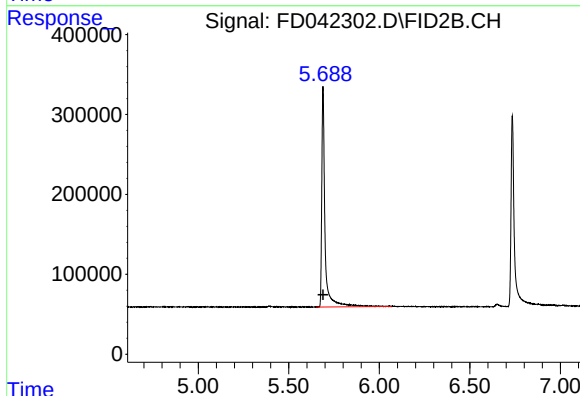




#1 1,2,3-Trimethylbenzene (C10.1)

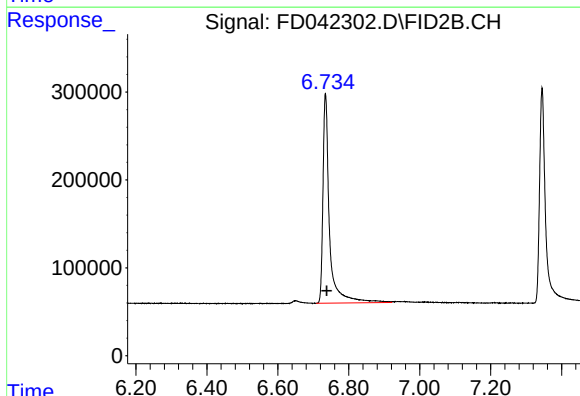
R.T.: 4.168 min
Delta R.T.: 0.008 min
Response: 3553354
Conc: 22.82 ug/ml

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20 PPM AROMATIC HC STD



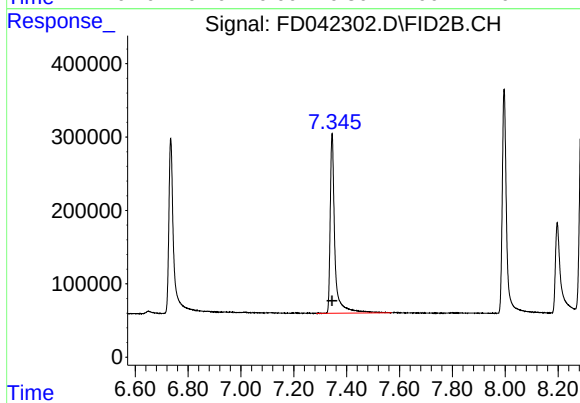
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.001 min
Response: 3481118
Conc: 22.07 ug/ml



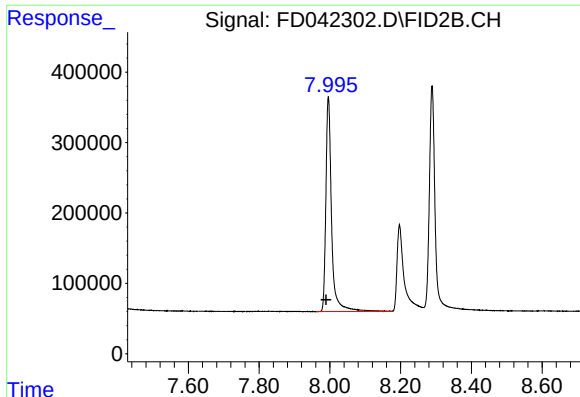
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.003 min
Response: 3085507
Conc: 21.34 ug/ml



#4 2-Bromonaphthalene (SURR)

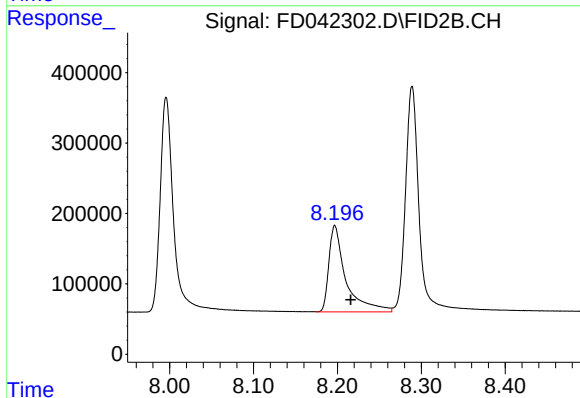
R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 3007119
Conc: 21.45 ug/ml



#5 Acenaphthylene (C15.06)

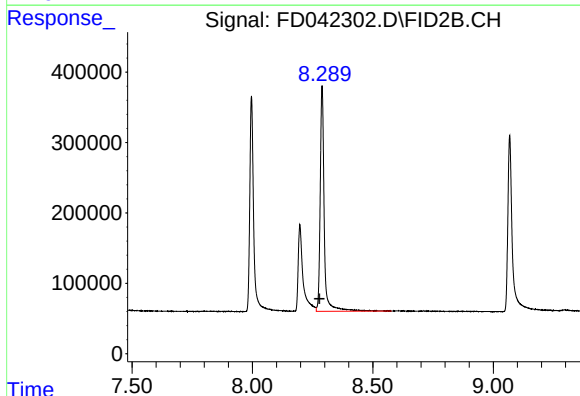
R.T.: 7.996 min
Delta R.T.: 0.007 min
Response: 3442116
Conc: 20.89 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



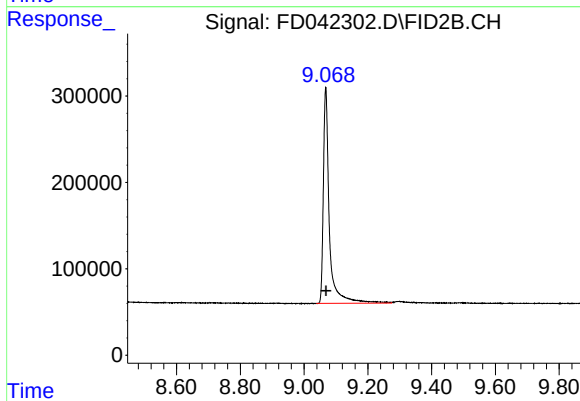
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.019 min
Response: 1733794
Conc: 24.33 ug/ml



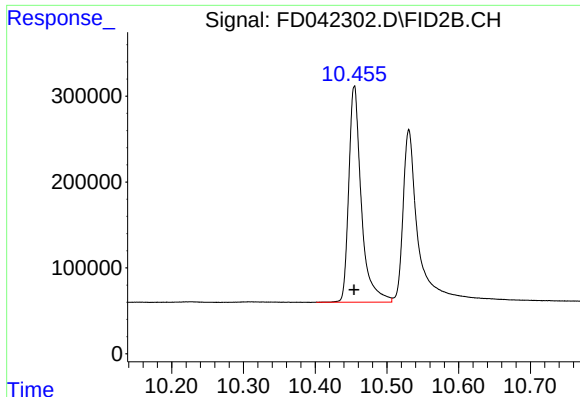
#7 Acenaphthene (C15.5)

R.T.: 8.289 min
Delta R.T.: 0.011 min
Response: 3743431
Conc: 19.94 ug/ml



#8 Fluorene (C16.55)

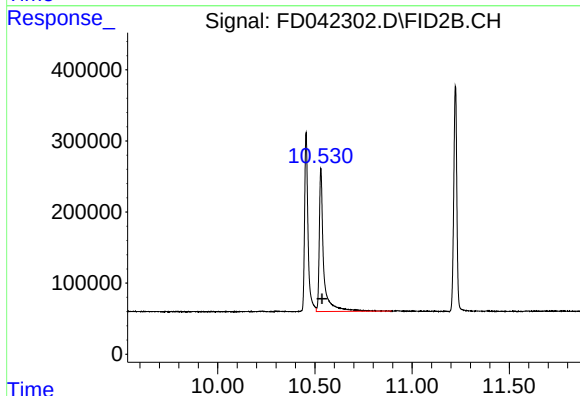
R.T.: 9.068 min
Delta R.T.: -0.001 min
Response: 3309415
Conc: 21.73 ug/ml



#9 Phenanthrene (C19.36)

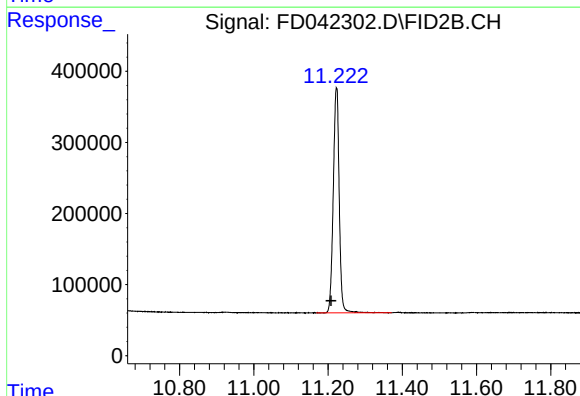
R.T.: 10.455 min
Delta R.T.: 0.000 min
Response: 3061921
Conc: 20.62 ug/ml

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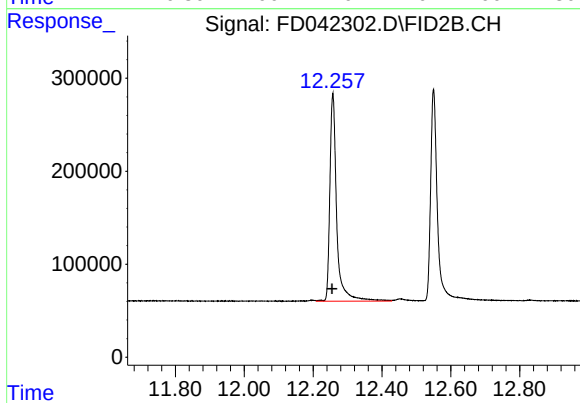
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.006 min
Response: 3186506
Conc: 19.03 ug/ml



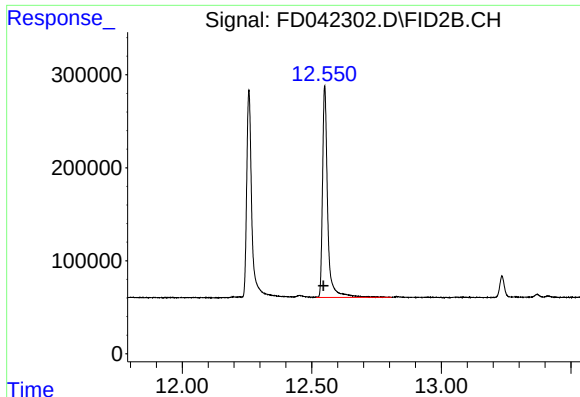
#11 ortho-Terphenyl (SURR)

R.T.: 11.223 min
Delta R.T.: 0.015 min
Response: 3515970
Conc: 20.28 ug/ml



#12 Fluoranthene (C21.85)

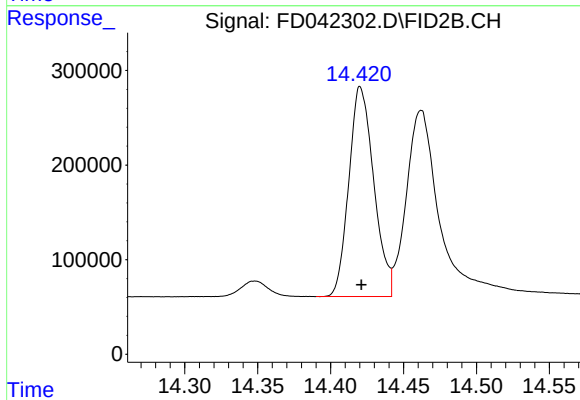
R.T.: 12.257 min
Delta R.T.: 0.003 min
Response: 3089593
Conc: 19.70 ug/ml



#13 Pyrene (C20.8)

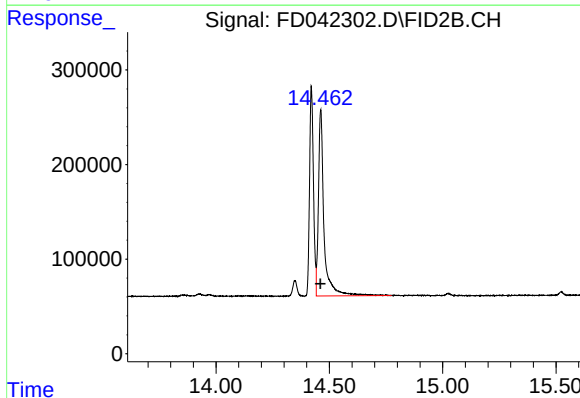
R.T.: 12.550 min
Delta R.T.: 0.005 min
Response: 3143493
Conc: 19.27 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



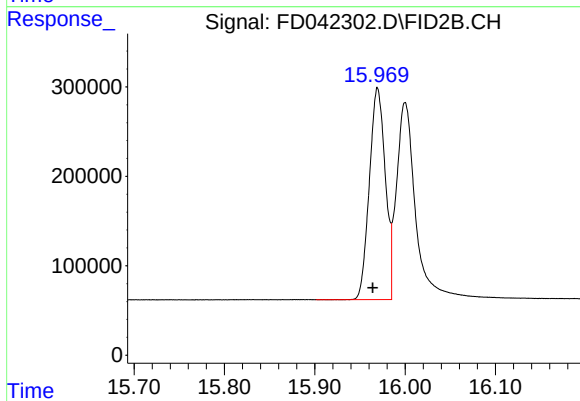
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: 0.000 min
Response: 2637948
Conc: 22.05 ug/ml



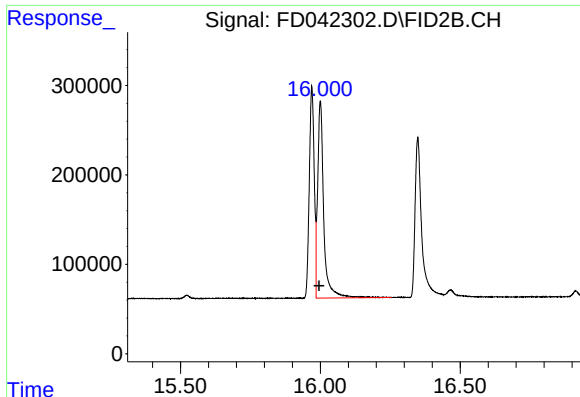
#15 Chrysene (C27.41)

R.T.: 14.462 min
Delta R.T.: 0.002 min
Response: 3383271
Conc: 18.44 ug/ml



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

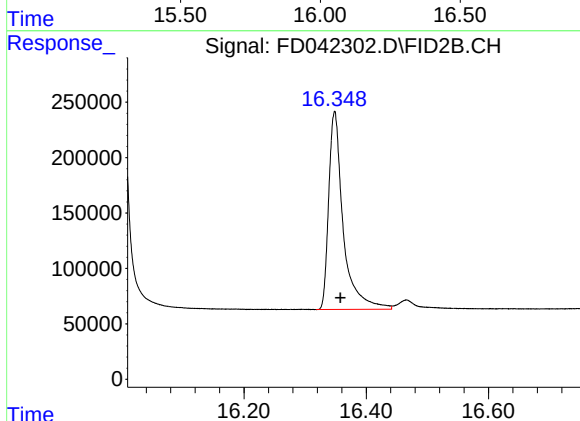
R.T.: 15.970 min
Delta R.T.: 0.006 min
Response: 2894649
Conc: 22.05 ug/ml



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

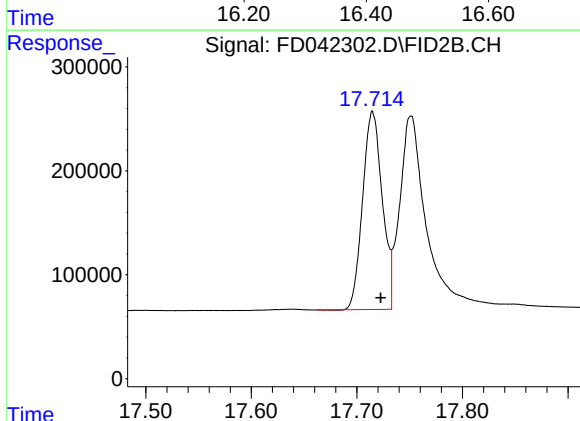
R.T.: 16.000 min
Delta R.T.: 0.005 min
Response: 3335366
Conc: 19.29 ug/ml

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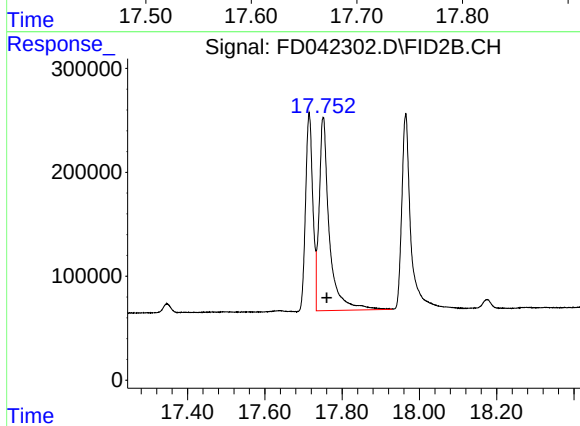
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.348 min
Delta R.T.: -0.009 min
Response: 2953237
Conc: 20.02 ug/ml



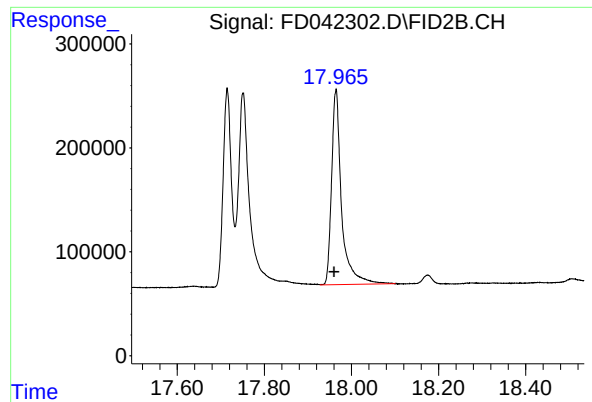
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.715 min
Delta R.T.: -0.008 min
Response: 2463253
Conc: 24.68 ug/ml



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

R.T.: 17.751 min
Delta R.T.: -0.009 min
Response: 3433603
Conc: 21.88 ug/ml



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

R.T.: 17.964 min
Delta R.T.: 0.004 min
Response: 3000822
Conc: 21.67 ug/ml

Instrument :

FID_D

ClientSampleId :

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