

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AR\
 Data File : FD042490.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2022 2:11
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 17 04:08:09 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...	7.333	2815876	20.089 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
6) S 2-Fluorobiphenyl (SURR)	8.185	1521431	21.353 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.71%
11) S ortho-Terphenyl (SURR)	11.207	3217704	18.564 ug/ml
Spiked Amount 50.000		Recovery =	37.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	3399316	21.835 ug/ml
2) T Naphthalene (C11.7)	5.677	3294898	20.887 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	2878914	19.909 ug/ml
5) T Acenaphthylene (C15.06)	7.983	3198738	19.410 ug/ml
7) T Acenaphthene (C15.5)	8.275	3552775	18.923 ug/ml
8) T Flouorene (C16.55)	9.055	3023735	19.852 ug/ml
9) T Phenanthrene (C19.36)	10.442	2721487	18.328 ug/ml
10) T Anthracene (C19.43)	10.519	2873116	17.162 ug/ml
12) T Fluoranthene (C21.85)	12.245	2737519	17.452 ug/ml
13) T Pyrene (C20.8)	12.537	2805723	17.202 ug/ml
14) T Benzo[a]anthracene (C...	14.410	2237259	18.703 ug/ml
15) T Chrysene (C27.41)	14.451	3117058	16.990 ug/ml
16) T benzo[b]fluoranthene ...	15.959	2521746	19.206 ug/ml
17) T Bnezo[k]fluoranthene ...	15.989	3047222	17.626 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.341	2755816	18.678 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.707	2029317	20.331 ug/ml
20) T Dibenz[a,h]anthracene...	17.743	3143175	20.026 ug/ml
21) T Benzo[g,h,i]perylene ...	17.957	2655862	19.177 ug/ml

(f)=RT Delta > 1/2 Window

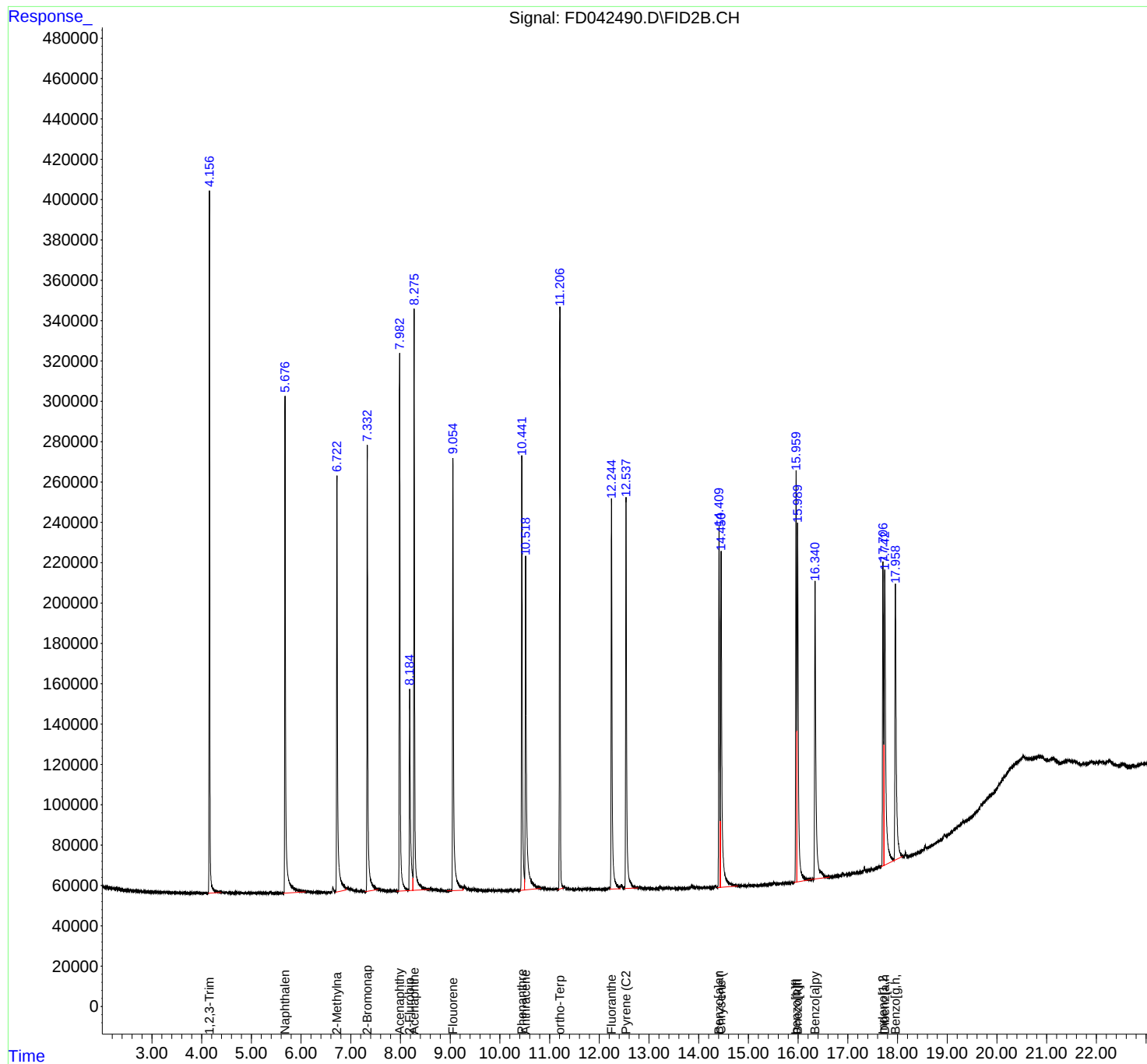
(m)=manual int.

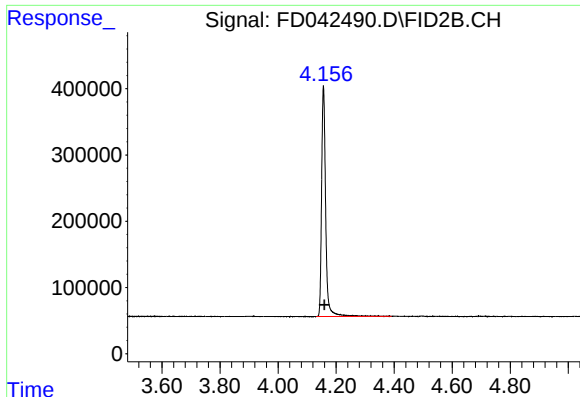
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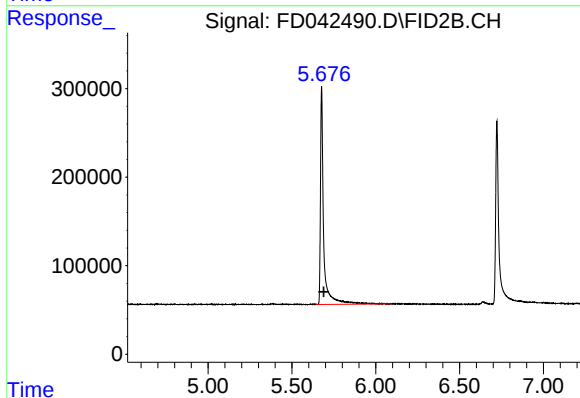




#1 1,2,3-Trimethylbenzene (C10.1)

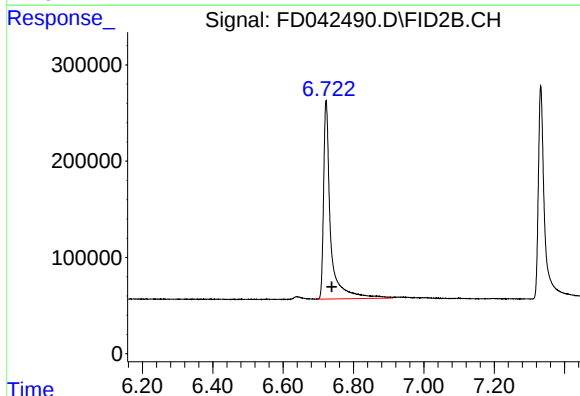
R.T.: 4.157 min
Delta R.T.: -0.003 min
Response: 3399316
Conc: 21.84 ug/ml

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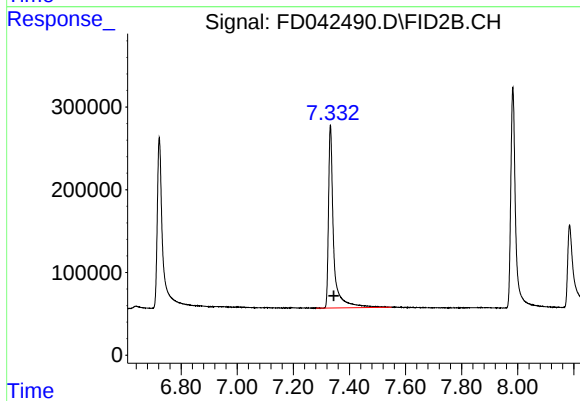
#2 Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.013 min
Response: 3294898
Conc: 20.89 ug/ml



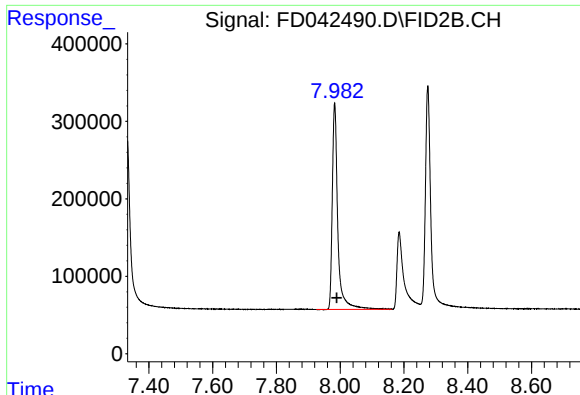
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.015 min
Response: 2878914
Conc: 19.91 ug/ml



#4 2-Bromonaphthalene (SURR)

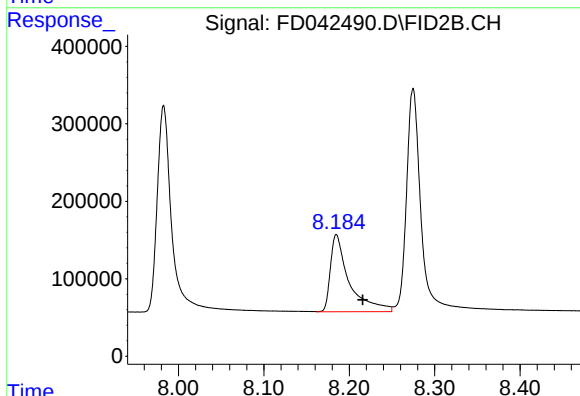
R.T.: 7.333 min
Delta R.T.: -0.012 min
Response: 2815876
Conc: 20.09 ug/ml



#5 Acenaphthylene (C15.06)

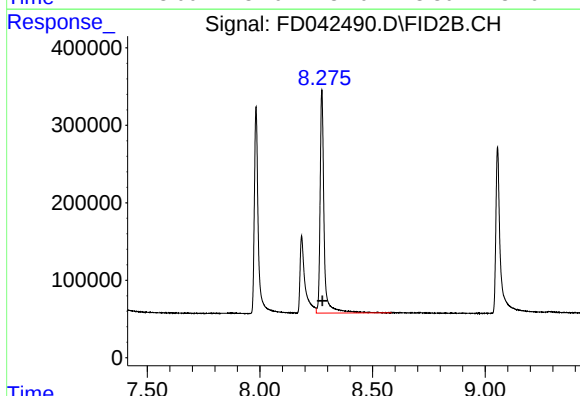
R.T.: 7.983 min
Delta R.T.: -0.007 min
Response: 3198738
Conc: 19.41 ug/ml

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20 PPM AROMATIC HC STD



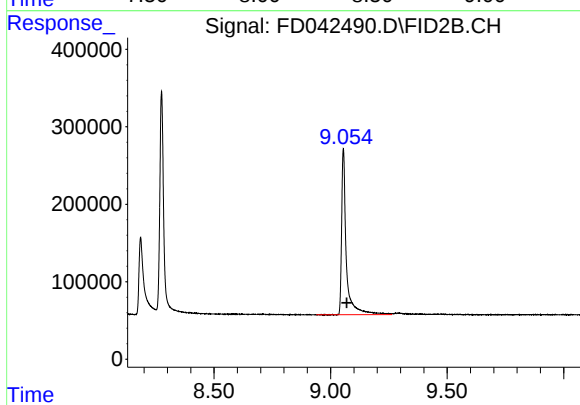
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.185 min
Delta R.T.: -0.030 min
Response: 1521431
Conc: 21.35 ug/ml



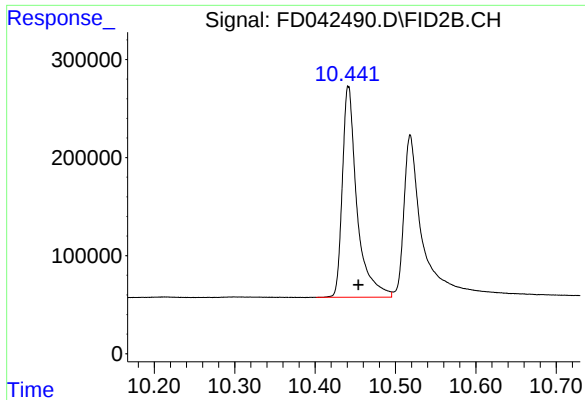
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 3552775
Conc: 18.92 ug/ml



#8 Fluorene (C16.55)

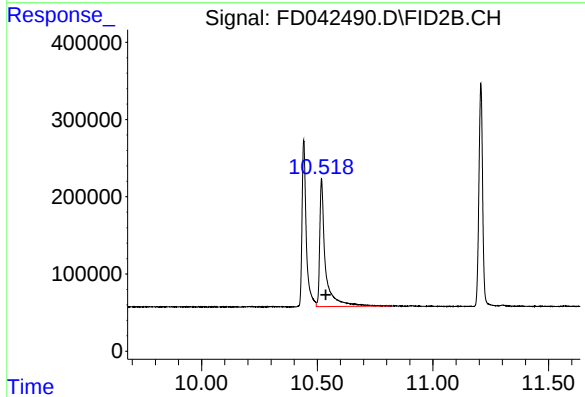
R.T.: 9.055 min
Delta R.T.: -0.014 min
Response: 3023735
Conc: 19.85 ug/ml



#9 Phenanthrene (C19.36)

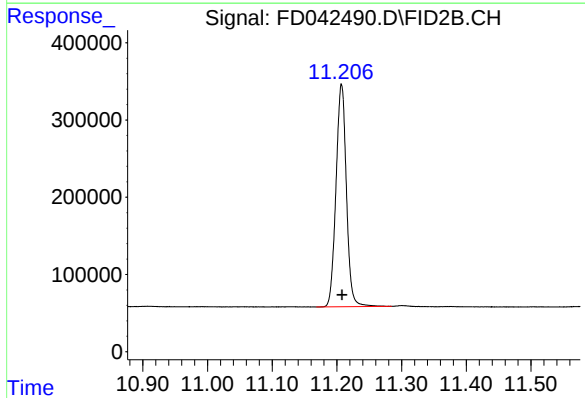
R.T.: 10.442 min
Delta R.T.: -0.012 min
Response: 2721487
Conc: 18.33 ug/ml

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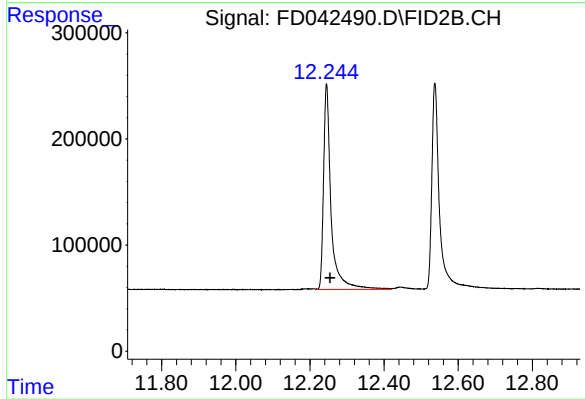
#10 Anthracene (C19.43)

R.T.: 10.519 min
Delta R.T.: -0.018 min
Response: 2873116
Conc: 17.16 ug/ml



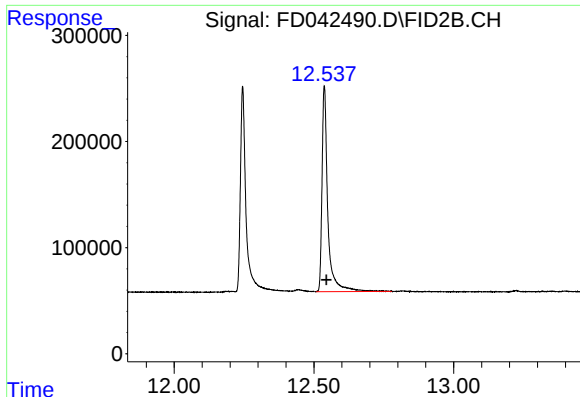
#11 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: 0.000 min
Response: 3217704
Conc: 18.56 ug/ml



#12 Fluoranthene (C21.85)

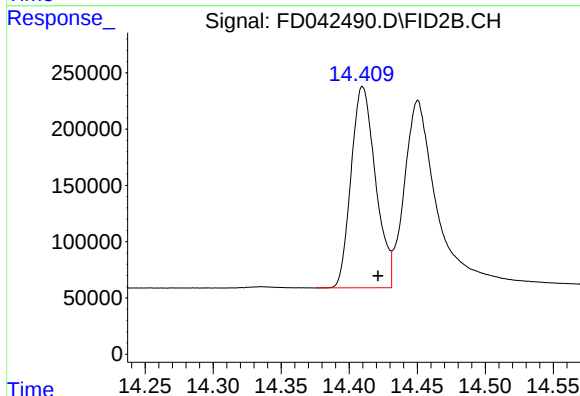
R.T.: 12.245 min
Delta R.T.: -0.010 min
Response: 2737519
Conc: 17.45 ug/ml



#13 Pyrene (C20.8)

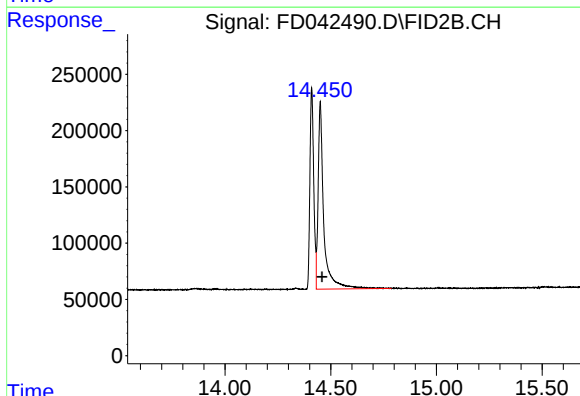
R.T.: 12.537 min
Delta R.T.: -0.007 min
Response: 2805723
Conc: 17.20 ug/ml

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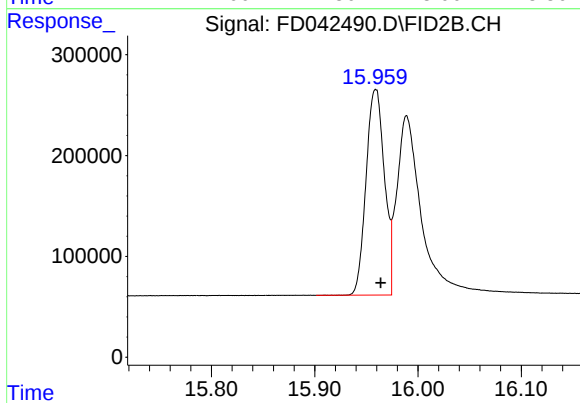
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.410 min
Delta R.T.: -0.011 min
Response: 2237259
Conc: 18.70 ug/ml



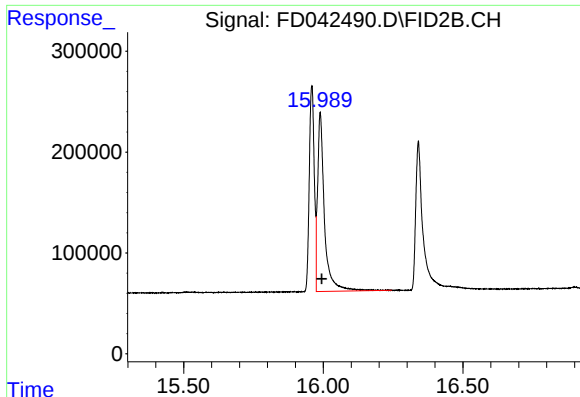
#15 Chrysene (C27.41)

R.T.: 14.451 min
Delta R.T.: -0.009 min
Response: 3117058
Conc: 16.99 ug/ml



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

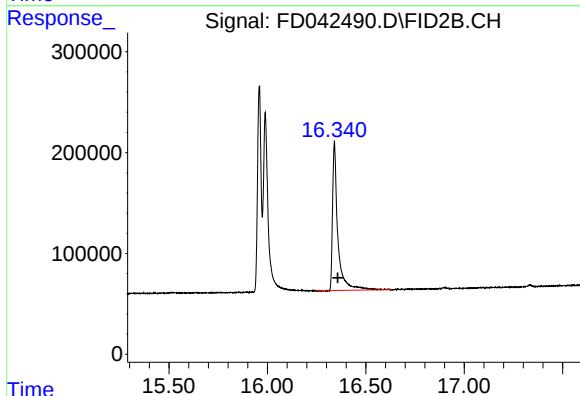
R.T.: 15.959 min
Delta R.T.: -0.005 min
Response: 2521746
Conc: 19.21 ug/ml



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

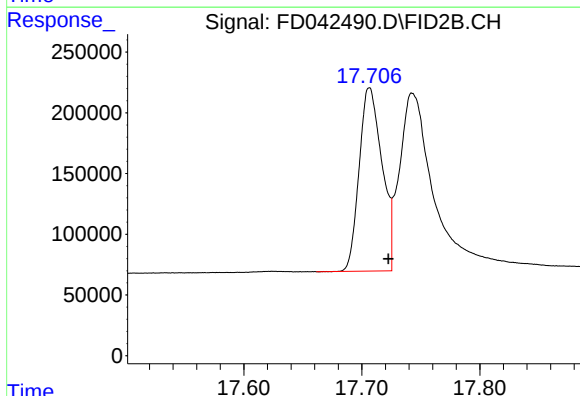
R.T.: 15.989 min
Delta R.T.: -0.006 min
Response: 3047222
Conc: 17.63 ug/ml

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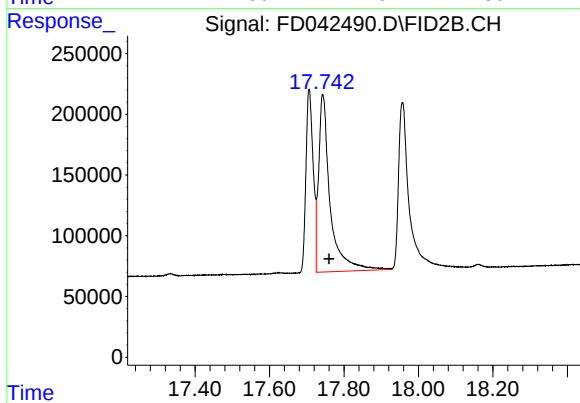
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.341 min
Delta R.T.: -0.017 min
Response: 2755816
Conc: 18.68 ug/ml



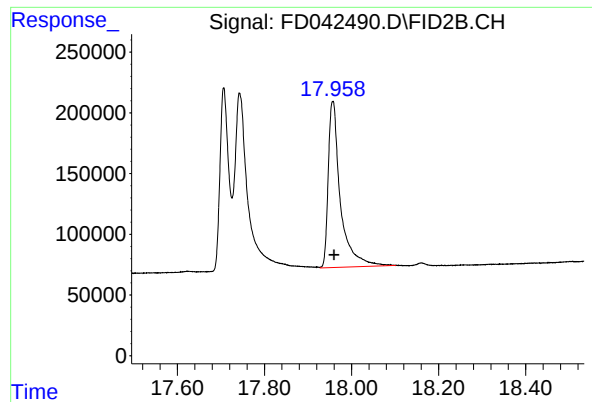
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.707 min
Delta R.T.: -0.016 min
Response: 2029317
Conc: 20.33 ug/ml



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

R.T.: 17.743 min
Delta R.T.: -0.017 min
Response: 3143175
Conc: 20.03 ug/ml



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

R.T.: 17.957 min
Delta R.T.: -0.003 min
Response: 2655862
Conc: 19.18 ug/ml

Instrument :

FID_D

ClientSampleId :

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