

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042123.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 4:43
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 27 05:38:11 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...	7.330	3311553	23.626 ug/ml
Spiked Amount 50.000		Recovery =	47.25%
6) S 2-Fluorobiphenyl (SURR)	8.181	1977809	27.758 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	55.52%
11) S ortho-Terphenyl (SURR)	11.206	4070866	23.486 ug/ml
Spiked Amount 50.000		Recovery =	46.97%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	3787916	24.331 ug/ml
2) T Naphthalene (C11.7)	5.673	3848684	24.397 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	3365856	23.276 ug/ml
5) T Acenaphthylene (C15.06)	7.980	3865984	23.458 ug/ml
7) T Acenaphthene (C15.5)	8.273	4229391	22.527 ug/ml
8) T Flouorene (C16.55)	9.051	3767861	24.737 ug/ml
9) T Phenanthrene (C19.36)	10.438	3613973	24.339 ug/ml
10) T Anthracene (C19.43)	10.513	3646356	21.781 ug/ml
12) T Fluoranthene (C21.85)	12.239	3734157	23.806 ug/ml
13) T Pyrene (C20.8)	12.532	3775114	23.145 ug/ml
14) T Benzo[a]anthracene (C...	14.403	3118250	26.068 ug/ml
15) T Chrysene (C27.41)	14.443	3879534	21.146 ug/ml
16) T benzo[b]fluoranthene ...	15.950	6962875	53.031 ug/ml
17) T Bnezo[k]fluoranthene ...	15.950	6962875	40.274 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.327	3253090	22.048 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	3780908	37.880 ug/ml
20) T Dibenz[a,h]anthracene...	17.731	3780908	24.089 ug/ml
21) T Benzo[g,h,i]perylene ...	17.942	3397457	24.532 ug/ml

(f)=RT Delta > 1/2 Window

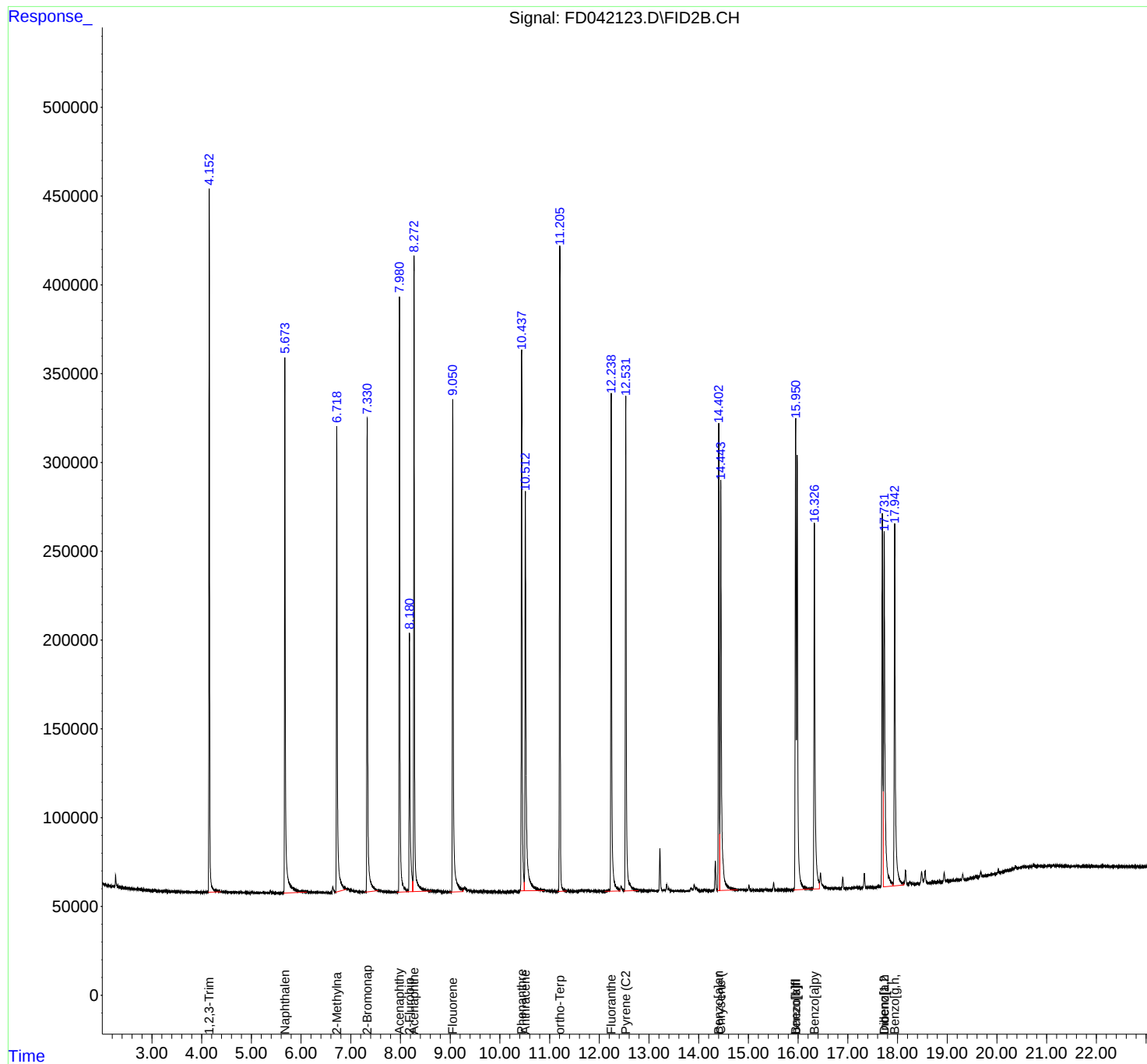
(m)=manual int.

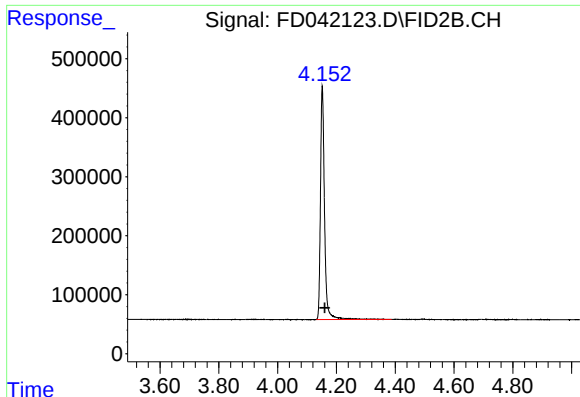
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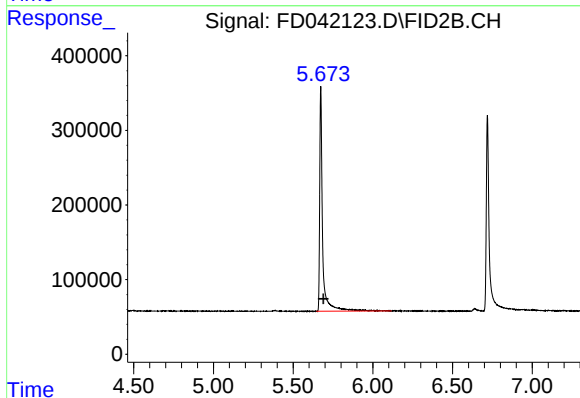




#1 1,2,3-Trimethylbenzene (C10.1)

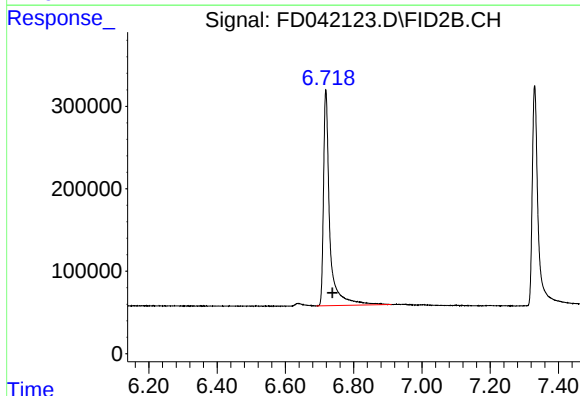
R.T.: 4.152 min
Delta R.T.: -0.008 min
Response: 3787916
Conc: 24.33 ug/ml

Instrument :
FID_D
ClientSampleId :



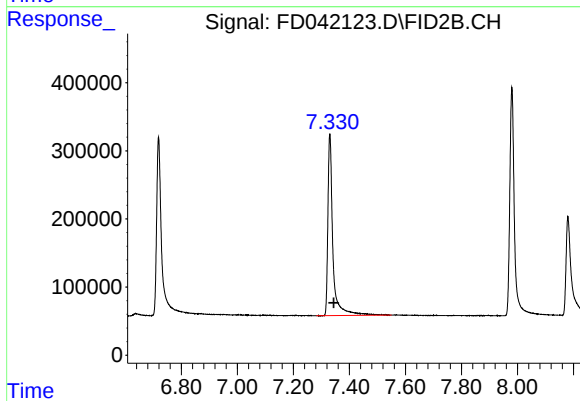
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.017 min
Response: 3848684
Conc: 24.40 ug/ml



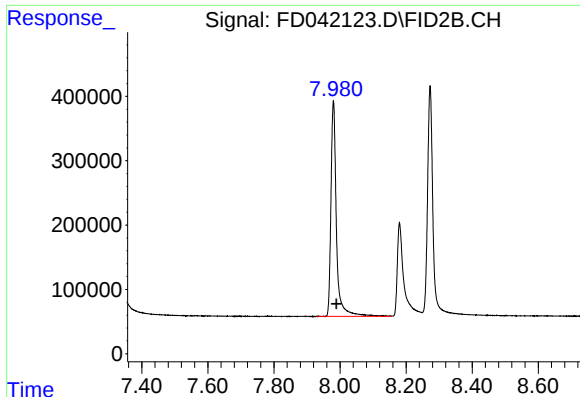
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.019 min
Response: 3365856
Conc: 23.28 ug/ml



#4 2-Bromonaphthalene (SURR)

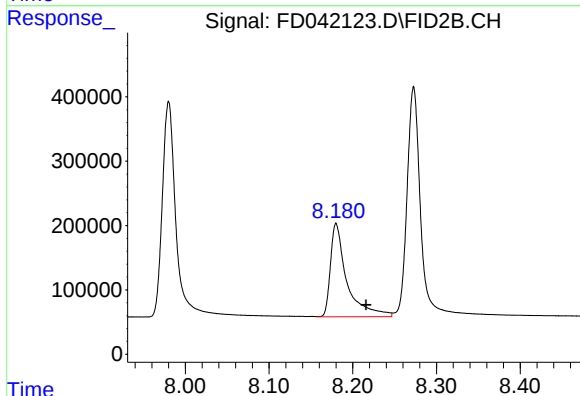
R.T.: 7.330 min
Delta R.T.: -0.014 min
Response: 3311553
Conc: 23.63 ug/ml



#5 Acenaphthylene (C15.06)

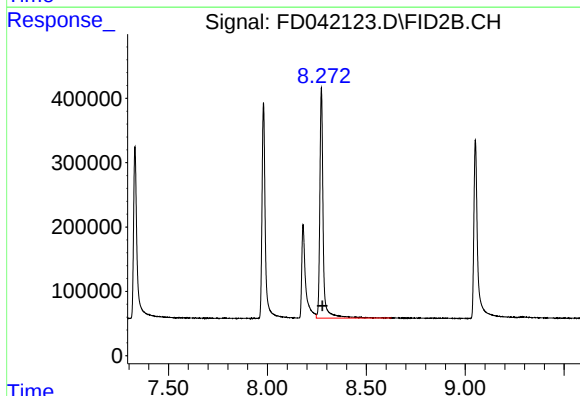
R.T.: 7.980 min
Delta R.T.: -0.009 min
Response: 3865984
Conc: 23.46 ug/ml

Instrument :
FID_D
ClientSampleId :



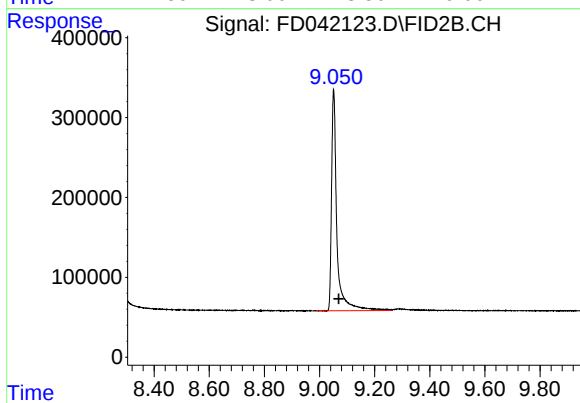
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.181 min
Delta R.T.: -0.035 min
Response: 1977809
Conc: 27.76 ug/ml



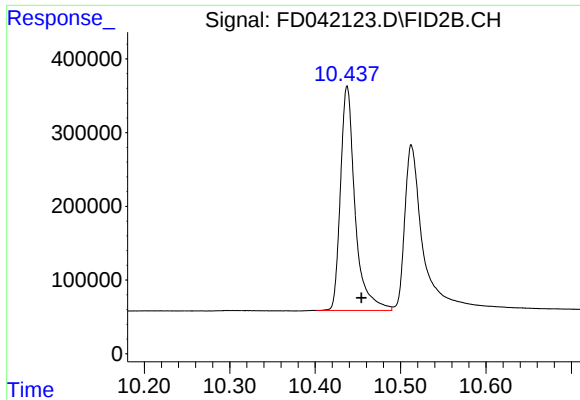
#7 Acenaphthene (C15.5)

R.T.: 8.273 min
Delta R.T.: -0.005 min
Response: 4229391
Conc: 22.53 ug/ml



#8 Flouorene (C16.55)

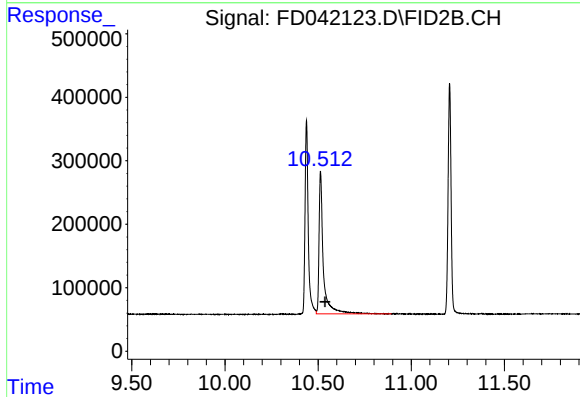
R.T.: 9.051 min
Delta R.T.: -0.018 min
Response: 3767861
Conc: 24.74 ug/ml



#9 Phenanthrene (C19.36)

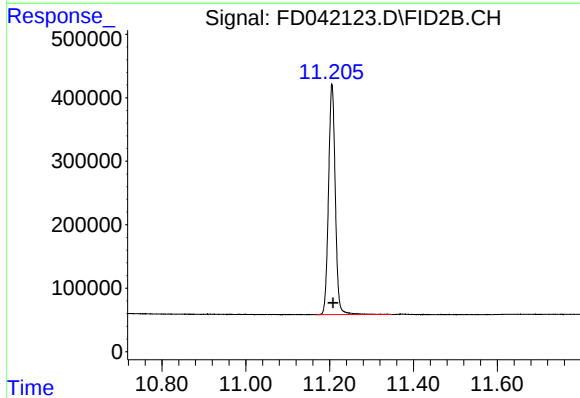
R.T.: 10.438 min
Delta R.T.: -0.017 min
Response: 3613973
Conc: 24.34 ug/ml

Instrument :
FID_D
ClientSampleId :



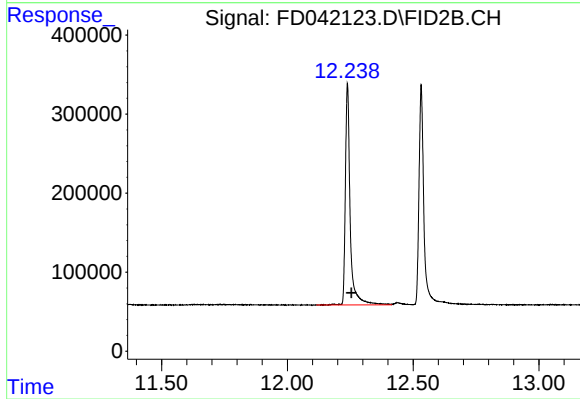
#10 Anthracene (C19.43)

R.T.: 10.513 min
Delta R.T.: -0.024 min
Response: 3646356
Conc: 21.78 ug/ml



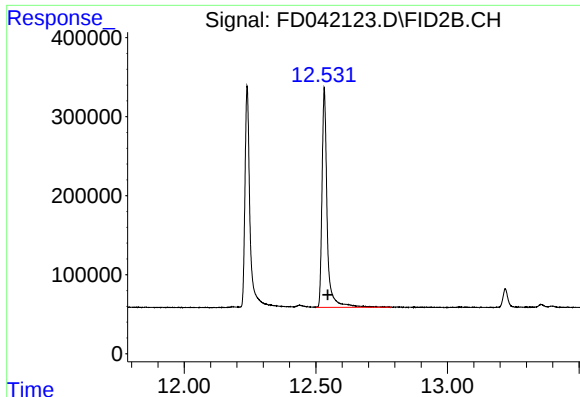
#11 ortho-Terphenyl (SURR)

R.T.: 11.206 min
Delta R.T.: -0.002 min
Response: 4070866
Conc: 23.49 ug/ml



#12 Fluoranthene (C21.85)

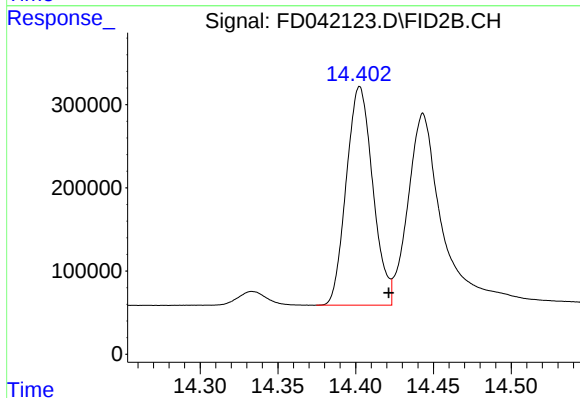
R.T.: 12.239 min
Delta R.T.: -0.016 min
Response: 3734157
Conc: 23.81 ug/ml



#13 Pyrene (C20.8)

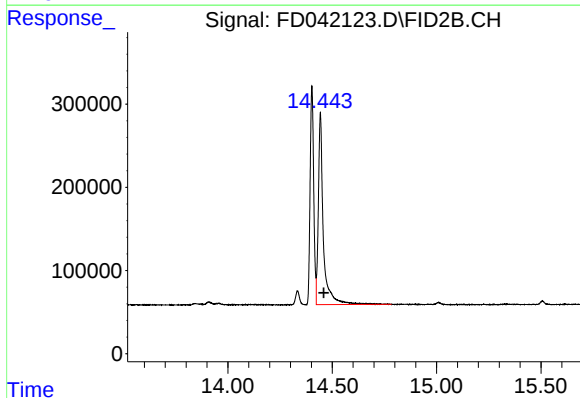
R.T.: 12.532 min
Delta R.T.: -0.012 min
Response: 3775114
Conc: 23.15 ug/ml

Instrument :
FID_D
ClientSampleId :



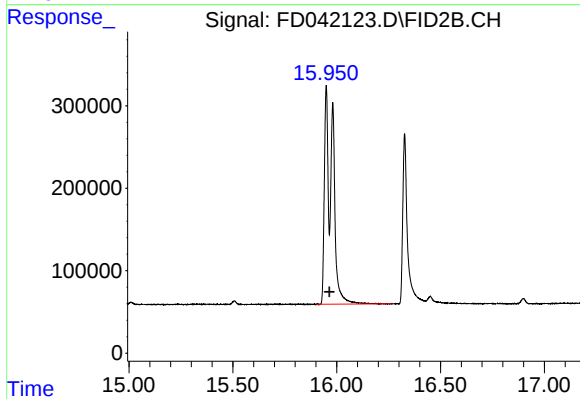
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.403 min
Delta R.T.: -0.018 min
Response: 3118250
Conc: 26.07 ug/ml



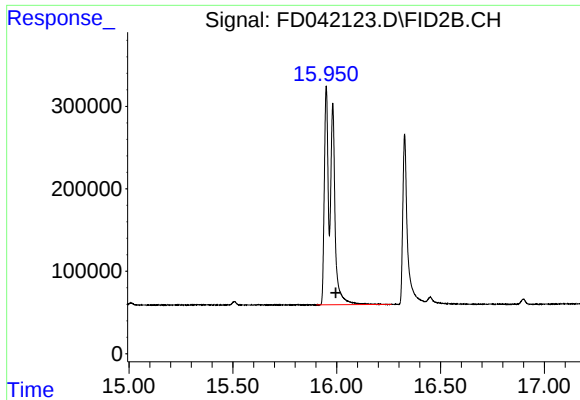
#15 Chrysene (C27.41)

R.T.: 14.443 min
Delta R.T.: -0.016 min
Response: 3879534
Conc: 21.15 ug/ml



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

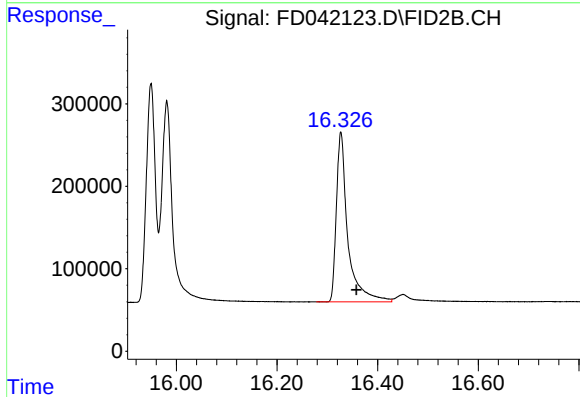
R.T.: 15.950 min
Delta R.T.: -0.014 min
Response: 6962875
Conc: 53.03 ug/ml



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

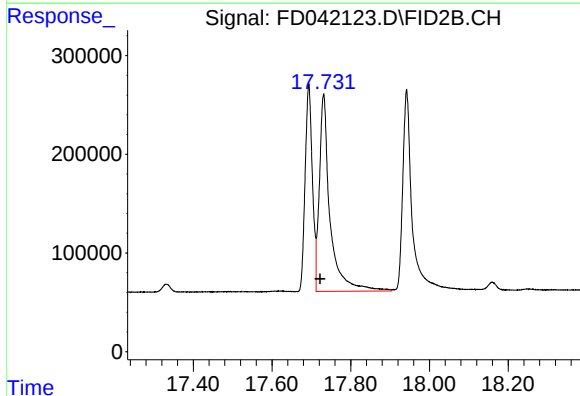
R.T.: 15.950 min
Delta R.T.: -0.046 min
Response: 6962875
Conc: 40.27 ug/ml

Instrument :
FID_D
ClientSampleId :



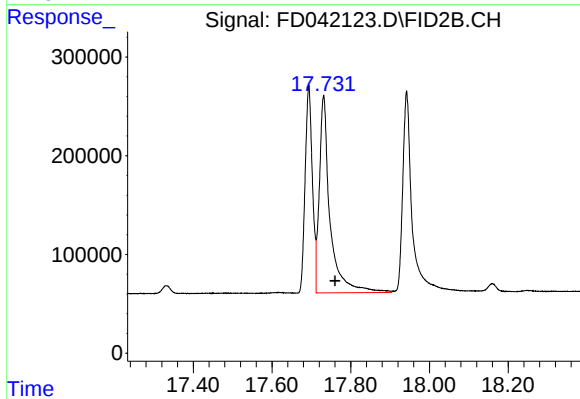
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.327 min
Delta R.T.: -0.030 min
Response: 3253090
Conc: 22.05 ug/ml



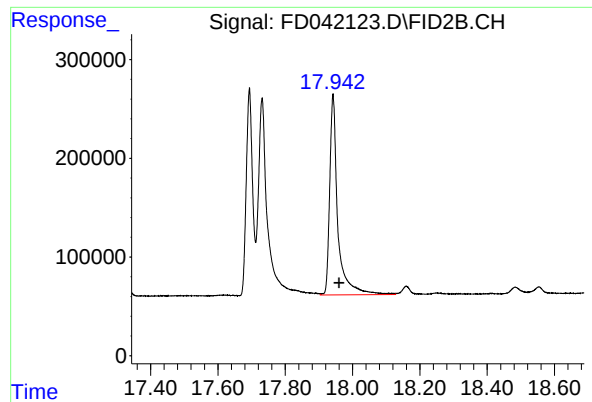
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: 0.009 min
Response: 3780908
Conc: 37.88 ug/ml



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

R.T.: 17.731 min
Delta R.T.: -0.029 min
Response: 3780908
Conc: 24.09 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.018 min
Response: 3397457
Conc: 24.53 ug/ml

Instrument :

FID_D

ClientSampleId :