

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AR\
 Data File : FD042494.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2022 4:46
 Operator : UA/NP
 Sample : N2809-01
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 17 07:06:13 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...	7.334	8763870	62.524 ug/ml
Spiked Amount 50.000		Recovery =	125.05%
6) S 2-Fluorobiphenyl (SURR)	8.240	1317586	18.492 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.98%
11) S ortho-Terphenyl (SURR)	11.215	7695082	44.395 ug/ml
Spiked Amount 50.000		Recovery =	88.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.156	739837	4.752 ug/ml
2) T Naphthalene (C11.7)	5.680	19744	0.125 ug/ml
3) T 2-Methylnaphthalene (...)	6.723	5899946	40.800 ug/ml
5) T Acenaphthylene (C15.06)	7.975	5098011	30.934 ug/ml
7) T Acenaphthene (C15.5)	8.297	1190457	6.341 ug/ml
8) T Flouorene (C16.55)	9.081	1838237	12.069 ug/ml
9) T Phenanthrene (C19.36)	10.449	1334731	8.989 ug/ml
10) T Anthracene (C19.43)	10.539	921215	5.503 ug/ml
12) T Fluoranthene (C21.85)	12.270	2285120	14.568 ug/ml
13) T Pyrene (C20.8)	12.551	2079066	12.747 ug/ml
14) T Benzo[a]anthracene (C...	14.435	1327023	11.094 ug/ml
15) T Chrysene (C27.41)	14.471	1131522	6.168 ug/ml
17) T Bnezo[k]fluoranthene ...	15.986	526446	3.045 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.341	807465	5.473 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.712	412445	4.132 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	369247	2.353 ug/ml
21) T Benzo[g,h,i]perylene ...	17.944	119525	0.863 ug/ml

(f)=RT Delta > 1/2 Window

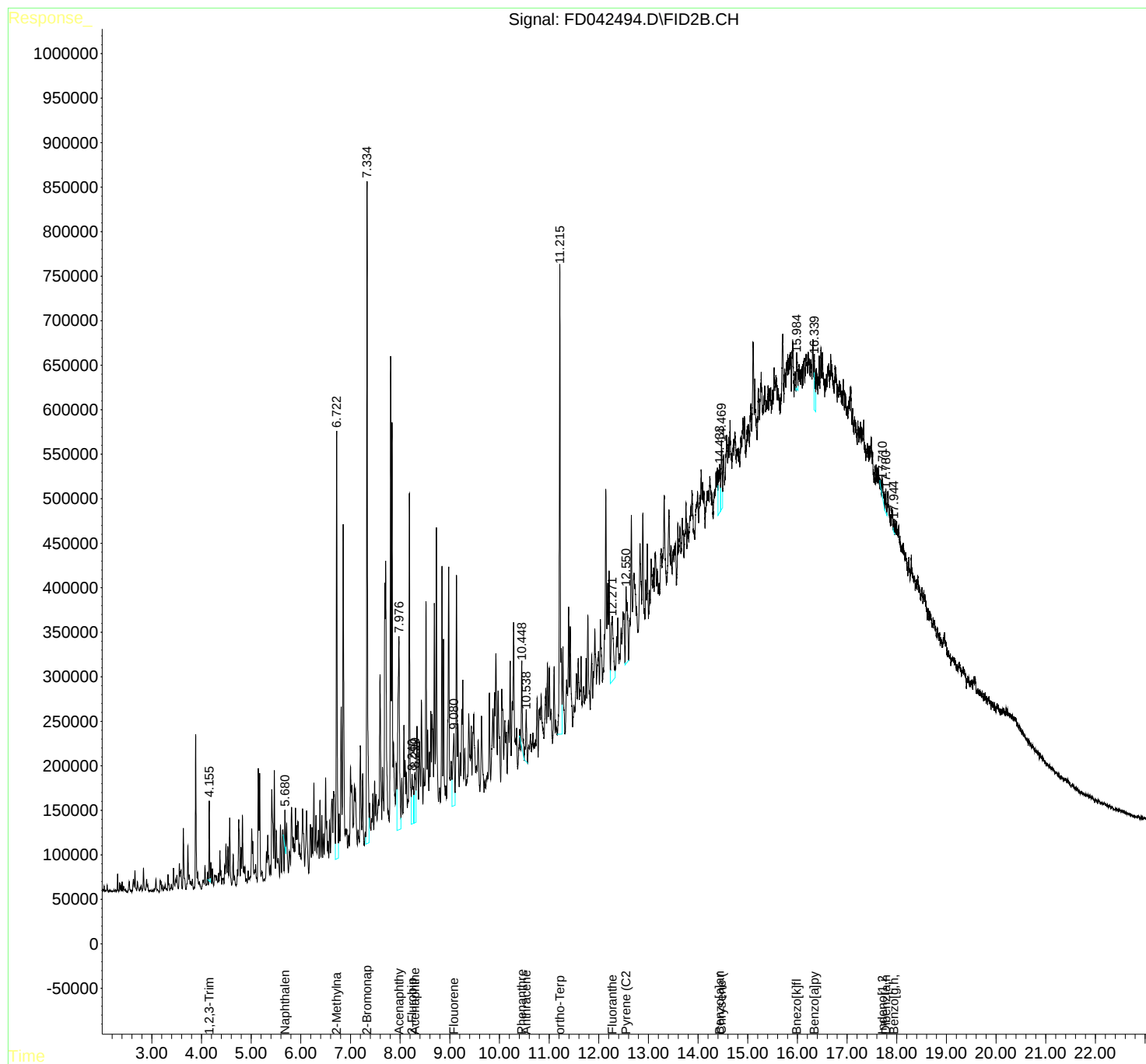
(m)=manual int.

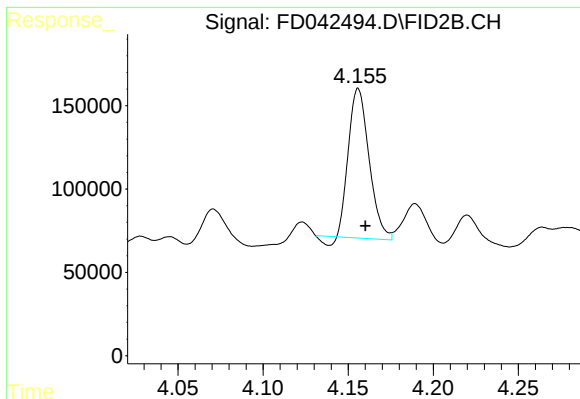
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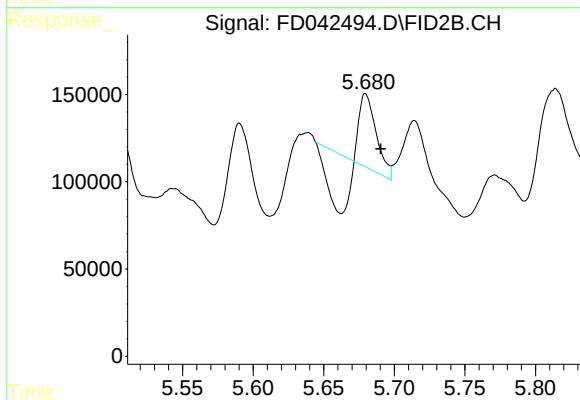




#1 1,2,3-Trimethylbenzene (C10.1)

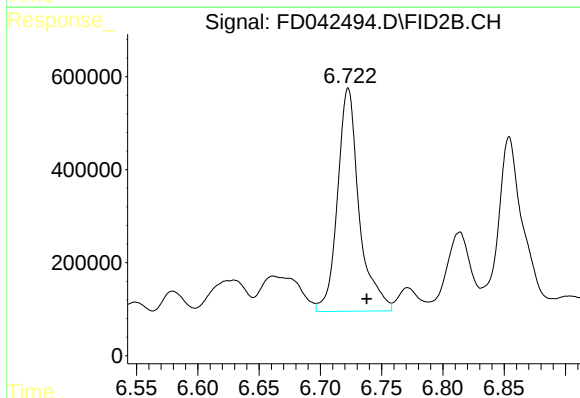
R.T.: 4.156 min
Delta R.T.: -0.004 min
Response: 739837
Conc: 4.75 ug/ml

Instrument :
FID_D
ClientSampleId :



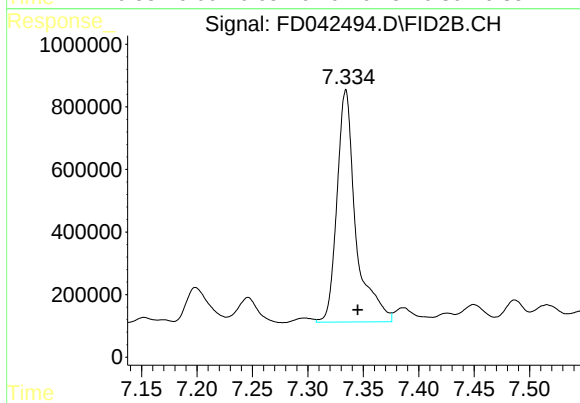
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.010 min
Response: 19744
Conc: 0.13 ug/ml



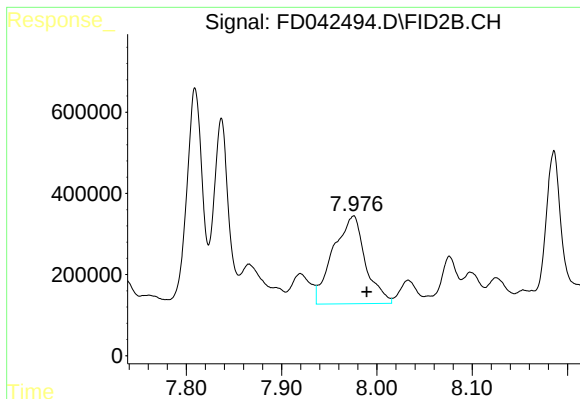
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.015 min
Response: 5899946
Conc: 40.80 ug/ml



#4 2-Bromonaphthalene (SURR)

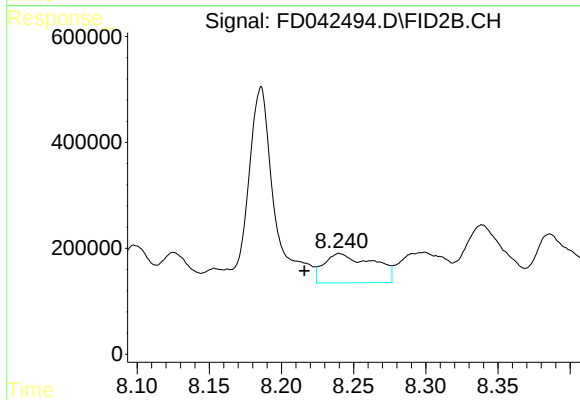
R.T.: 7.334 min
Delta R.T.: -0.011 min
Response: 8763870
Conc: 62.52 ug/ml



#5 Acenaphthylene (C15.06)

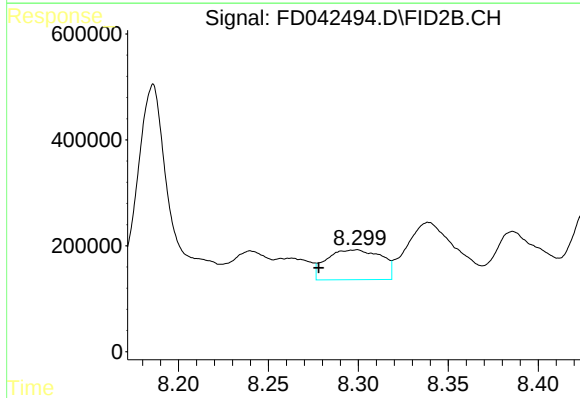
R.T.: 7.975 min
Delta R.T.: -0.014 min
Response: 5098011
Conc: 30.93 ug/ml

Instrument :
FID_D
ClientSampleId :



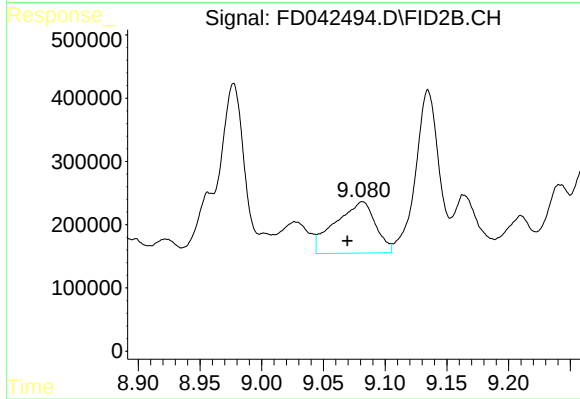
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.240 min
Delta R.T.: 0.025 min
Response: 1317586
Conc: 18.49 ug/ml



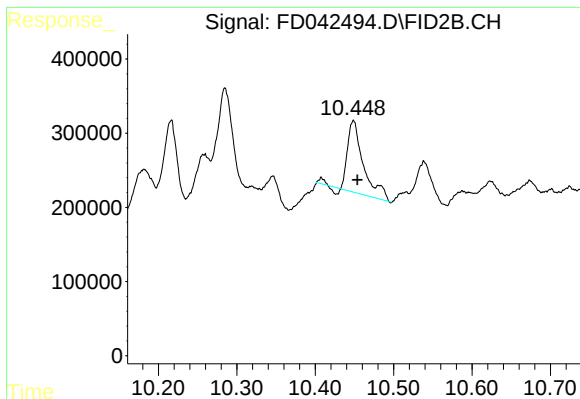
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: 0.019 min
Response: 1190457
Conc: 6.34 ug/ml



#8 Fluorene (C16.55)

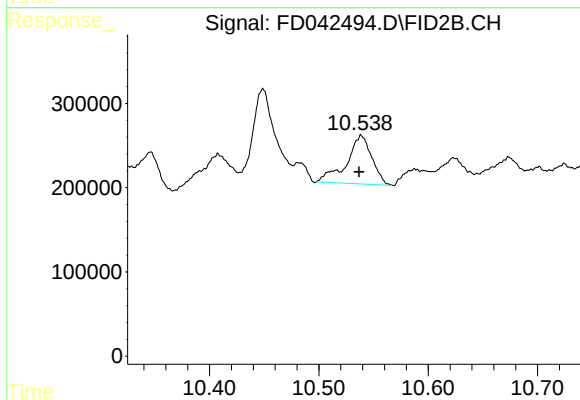
R.T.: 9.081 min
Delta R.T.: 0.012 min
Response: 1838237
Conc: 12.07 ug/ml



#9 Phenanthrene (C19.36)

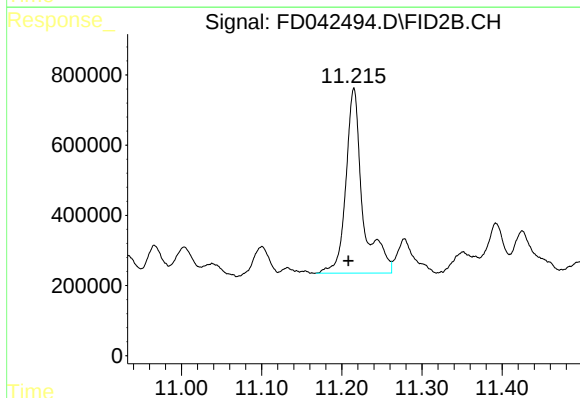
R.T.: 10.449 min
Delta R.T.: -0.005 min
Response: 1334731
Conc: 8.99 ug/ml

Instrument :
FID_D
ClientSampleId :



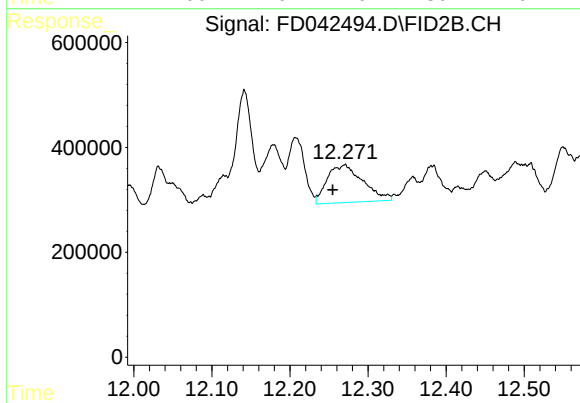
#10 Anthracene (C19.43)

R.T.: 10.539 min
Delta R.T.: 0.002 min
Response: 921215
Conc: 5.50 ug/ml



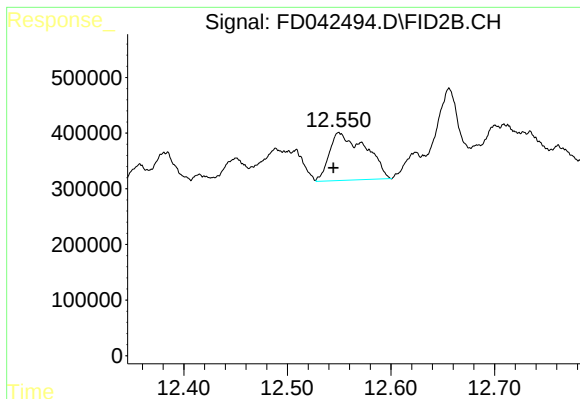
#11 ortho-Terphenyl (SURR)

R.T.: 11.215 min
Delta R.T.: 0.007 min
Response: 7695082
Conc: 44.40 ug/ml



#12 Fluoranthene (C21.85)

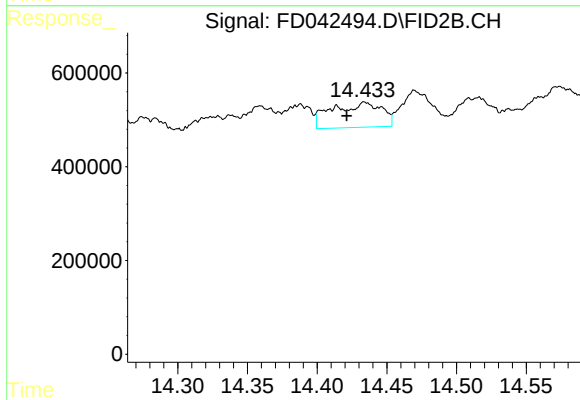
R.T.: 12.270 min
Delta R.T.: 0.015 min
Response: 2285120
Conc: 14.57 ug/ml



#13 Pyrene (C20.8)

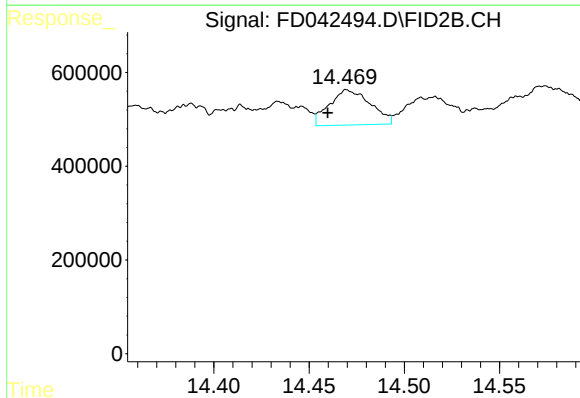
R.T.: 12.551 min
Delta R.T.: 0.006 min
Response: 2079066
Conc: 12.75 ug/ml

Instrument :
FID_D
ClientSampleId :



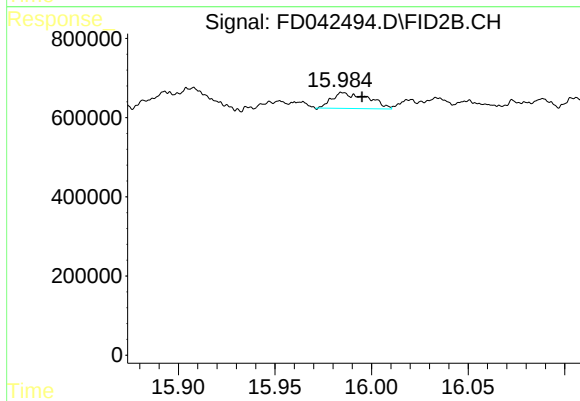
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.435 min
Delta R.T.: 0.014 min
Response: 1327023
Conc: 11.09 ug/ml



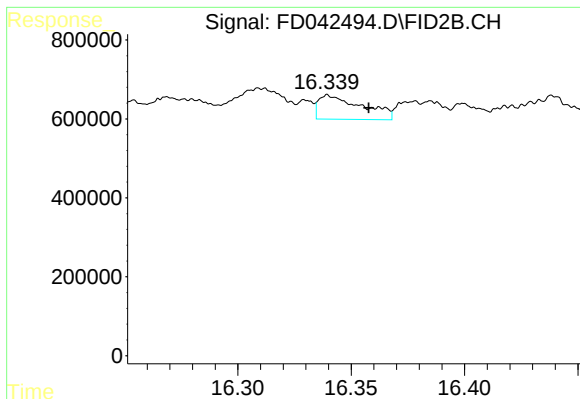
#15 Chrysene (C27.41)

R.T.: 14.471 min
Delta R.T.: 0.011 min
Response: 1131522
Conc: 6.17 ug/ml



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

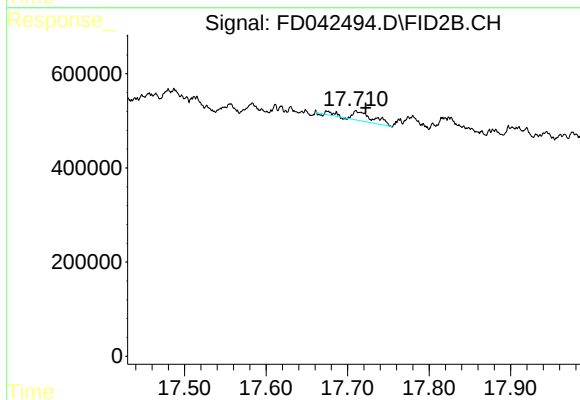
R.T.: 15.986 min
Delta R.T.: -0.009 min
Response: 526446
Conc: 3.05 ug/ml



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

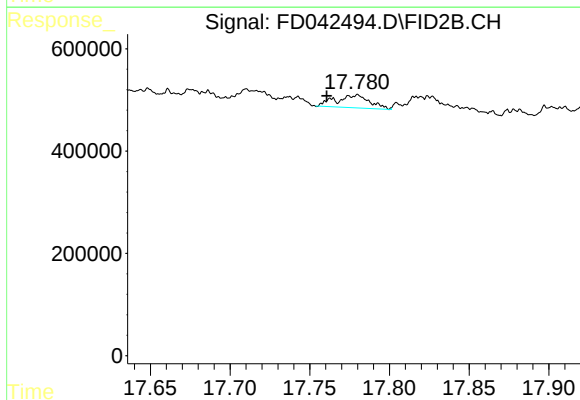
R.T.: 16.341 min
Delta R.T.: -0.017 min
Response: 807465
Conc: 5.47 ug/ml

Instrument :
FID_D
ClientSampleId :



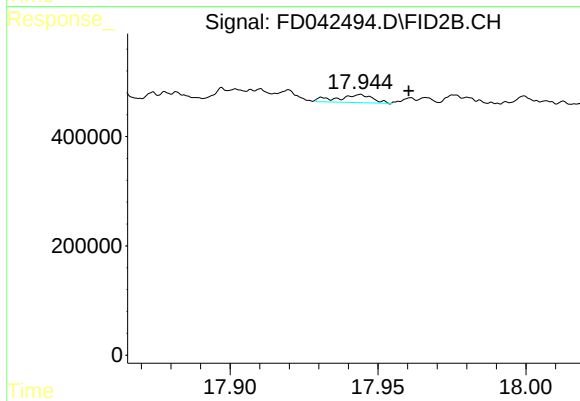
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.712 min
Delta R.T.: -0.010 min
Response: 412445
Conc: 4.13 ug/ml



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

R.T.: 17.778 min
Delta R.T.: 0.018 min
Response: 369247
Conc: 2.35 ug/ml



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

R.T.: 17.944 min
Delta R.T.: -0.017 min
Response: 119525
Conc: 0.86 ug/ml