

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AR\
 Data File : FD042495.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2022 5:26
 Operator : UA/NP
 Sample : N2809-01D
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 17 07:06:28 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	8547914	60.984 ug/ml
Spiked Amount 50.000		Recovery =	121.97%
6) S 2-Fluorobiphenyl (SURR)	8.239	798734	11.210 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	22.42%
11) S ortho-Terphenyl (SURR)	11.214	6535267	37.704 ug/ml
Spiked Amount 50.000		Recovery =	75.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	701156	4.504 ug/ml
2) T Naphthalene (C11.7)	5.680	28826	0.183 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	5761600	39.844 ug/ml
5) T Acenaphthylene (C15.06)	7.974	4974385	30.184 ug/ml
7) T Acenaphthene (C15.5)	8.264	497914	2.652 ug/ml
8) T Flouorene (C16.55)	9.079	1824793	11.980 ug/ml
9) T Phenanthrene (C19.36)	10.448	1226646	8.261 ug/ml
10) T Anthracene (C19.43)	10.538	910148	5.437 ug/ml
12) T Fluoranthene (C21.85)	12.258	1031049	6.573 ug/ml
13) T Pyrene (C20.8)	12.550	1791037	10.981 ug/ml
14) T Benzo[a]anthracene (C...	14.406	455474	3.808 ug/ml
15) T Chrysene (C27.41)	14.472	1019155	5.555 ug/ml
17) T Bnezo[k]fluoranthene ...	15.992	394521	2.282 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.378	769206	5.213 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.721	142847	1.431 ug/ml
20) T Dibenz[a,h]anthracene...	17.783	174495	1.112 ug/ml
21) T Benzo[g,h,i]perylene ...	17.960	180561	1.304 ug/ml

(f)=RT Delta > 1/2 Window

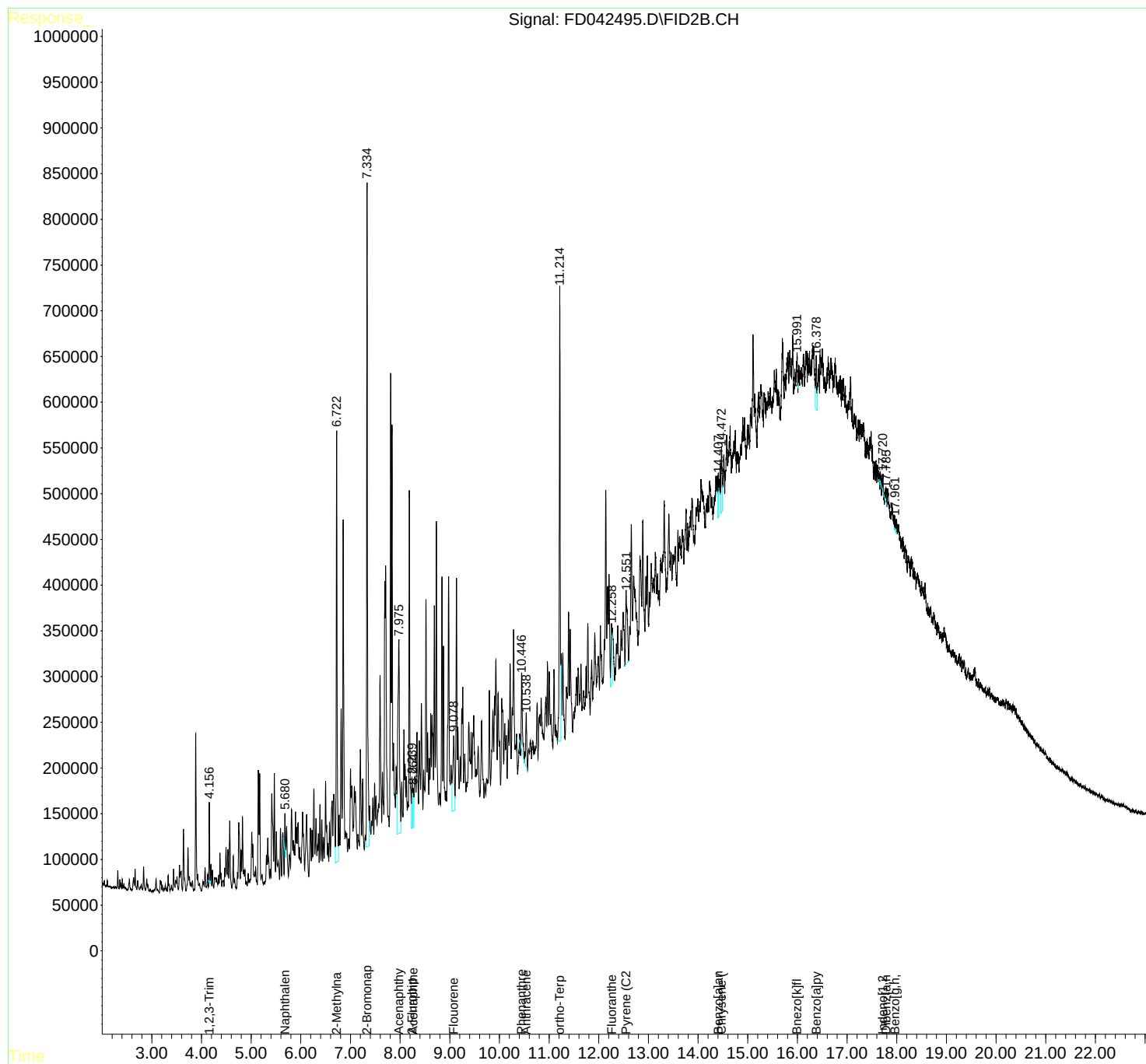
(m)=manual int.

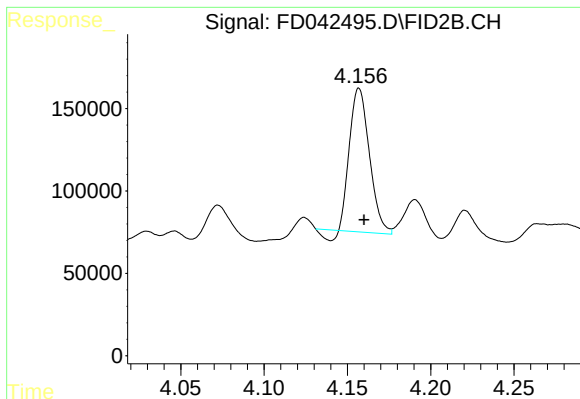
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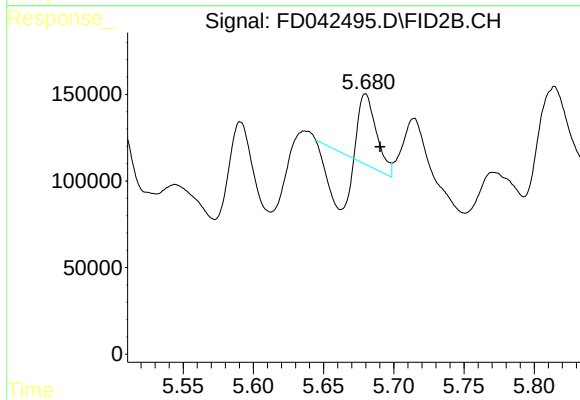




#1 1,2,3-Trimethylbenzene (C10.1)

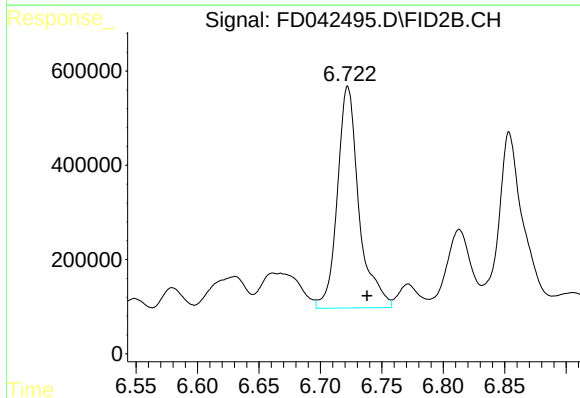
R.T.: 4.157 min
Delta R.T.: -0.003 min
Response: 701156
Conc: 4.50 ug/ml

Instrument :
FID_D
ClientSampleId :



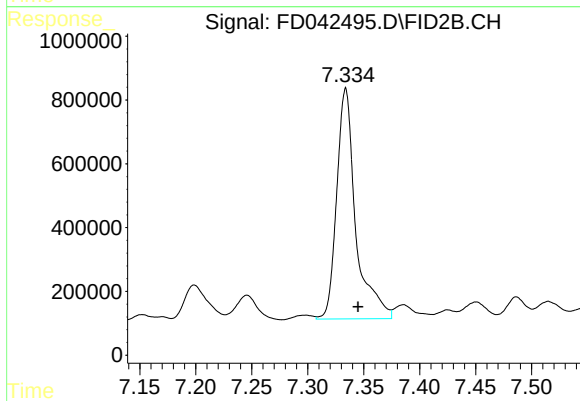
#2 Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.010 min
Response: 28826
Conc: 0.18 ug/ml



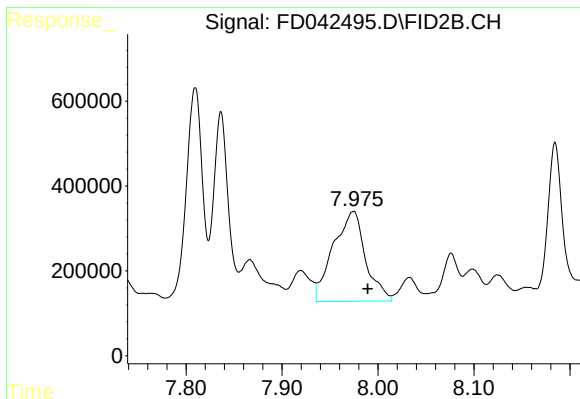
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.016 min
Response: 5761600
Conc: 39.84 ug/ml



#4 2-Bromonaphthalene (SURR)

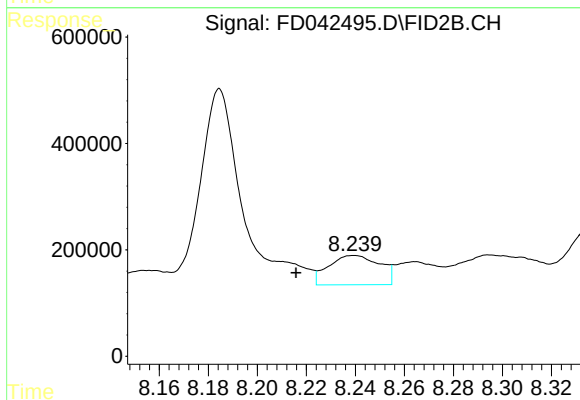
R.T.: 7.334 min
Delta R.T.: -0.011 min
Response: 8547914
Conc: 60.98 ug/ml



#5 Acenaphthylene (C15.06)

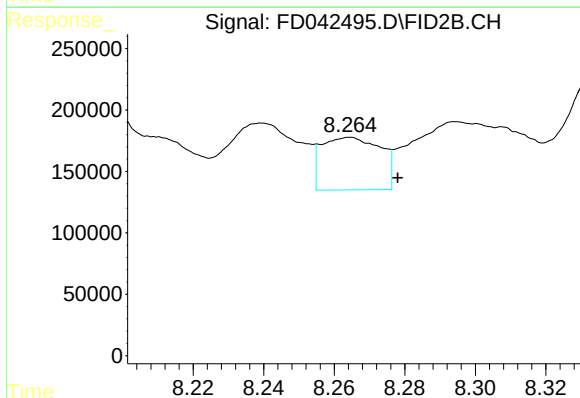
R.T.: 7.974 min
Delta R.T.: -0.015 min
Response: 4974385
Conc: 30.18 ug/ml

Instrument :
FID_D
ClientSampleId :



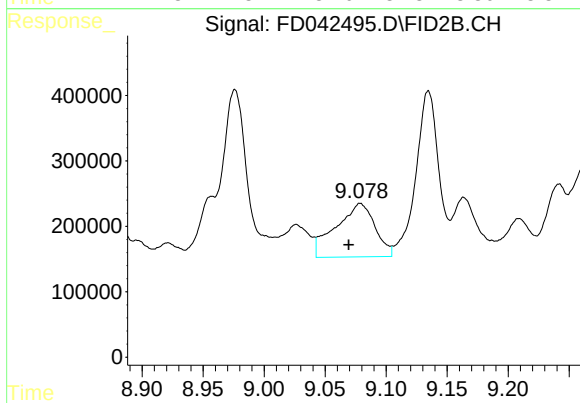
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: 0.024 min
Response: 798734
Conc: 11.21 ug/ml



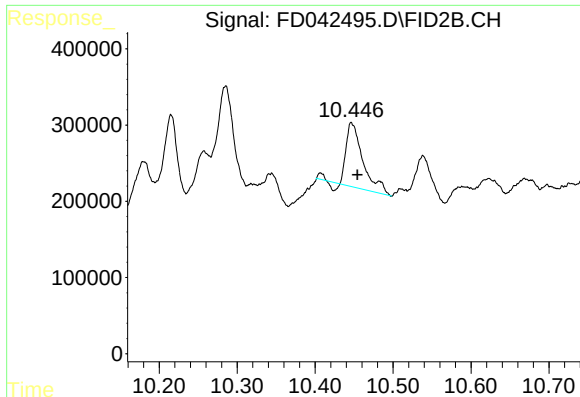
#7 Acenaphthene (C15.5)

R.T.: 8.264 min
Delta R.T.: -0.014 min
Response: 497914
Conc: 2.65 ug/ml



#8 Fluorene (C16.55)

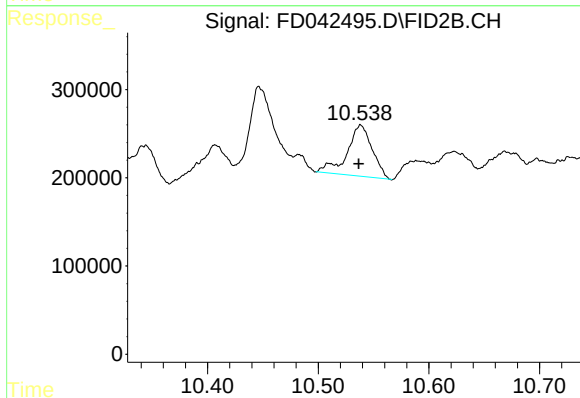
R.T.: 9.079 min
Delta R.T.: 0.010 min
Response: 1824793
Conc: 11.98 ug/ml



#9 Phenanthrene (C19.36)

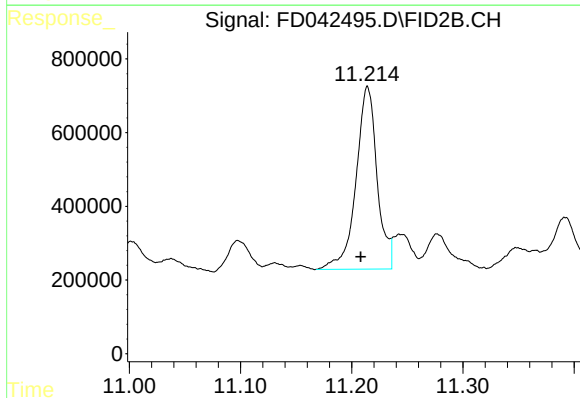
R.T.: 10.448 min
Delta R.T.: -0.006 min
Response: 1226646
Conc: 8.26 ug/ml

Instrument :
FID_D
ClientSampleId :



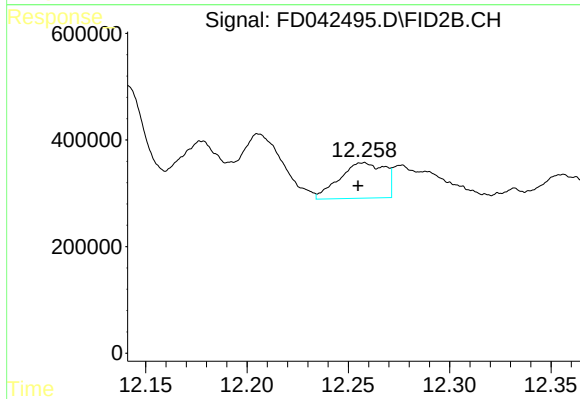
#10 Anthracene (C19.43)

R.T.: 10.538 min
Delta R.T.: 0.002 min
Response: 910148
Conc: 5.44 ug/ml



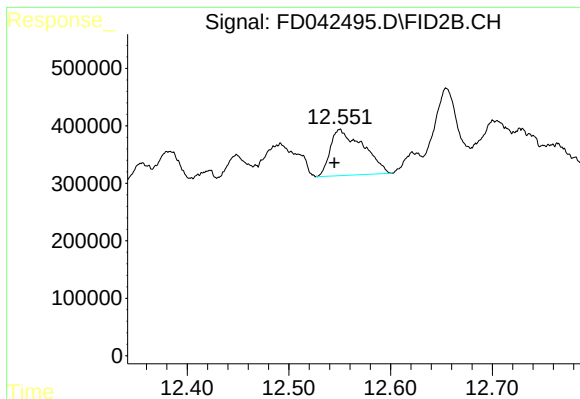
#11 ortho-Terphenyl (SURR)

R.T.: 11.214 min
Delta R.T.: 0.006 min
Response: 6535267
Conc: 37.70 ug/ml



#12 Fluoranthene (C21.85)

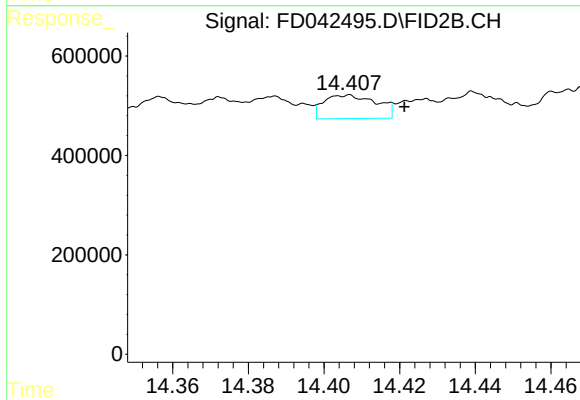
R.T.: 12.258 min
Delta R.T.: 0.003 min
Response: 1031049
Conc: 6.57 ug/ml



#13 Pyrene (C20.8)

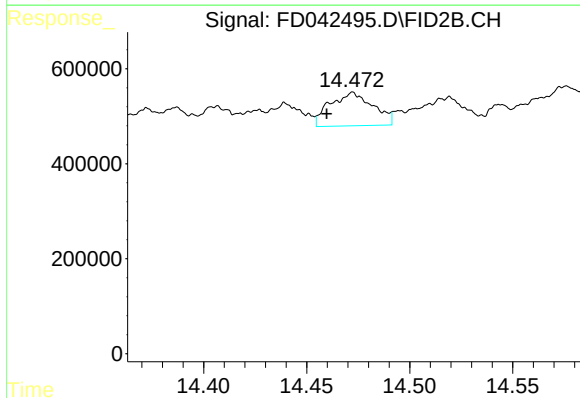
R.T.: 12.550 min
Delta R.T.: 0.006 min
Response: 1791037
Conc: 10.98 ug/ml

Instrument :
FID_D
ClientSampleId :



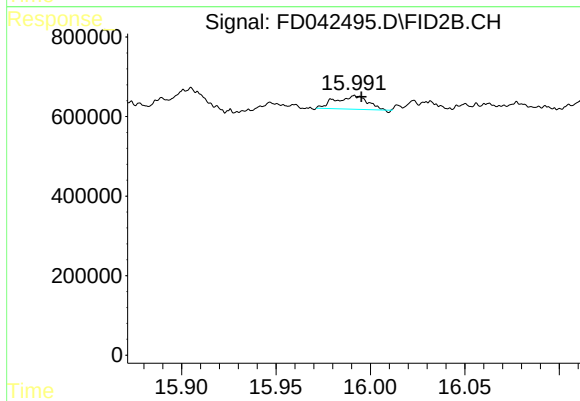
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.406 min
Delta R.T.: -0.015 min
Response: 455474
Conc: 3.81 ug/ml



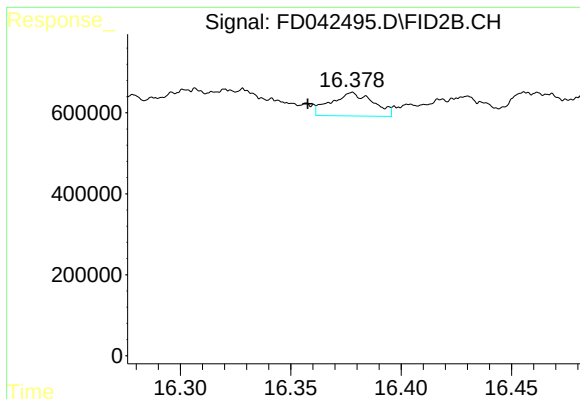
#15 Chrysene (C27.41)

R.T.: 14.472 min
Delta R.T.: 0.012 min
Response: 1019155
Conc: 5.56 ug/ml



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

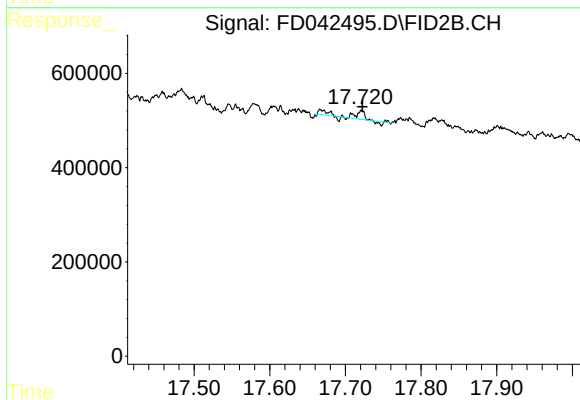
R.T.: 15.992 min
Delta R.T.: -0.003 min
Response: 394521
Conc: 2.28 ug/ml



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

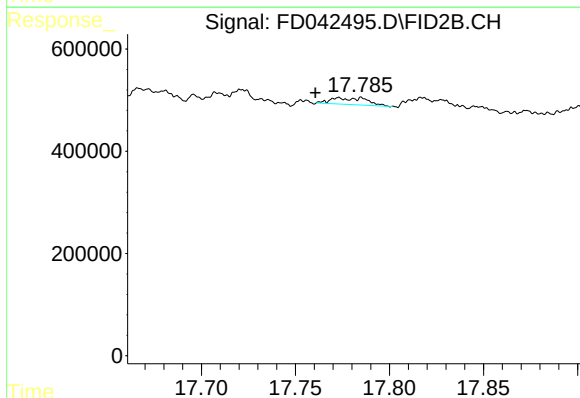
R.T.: 16.378 min
Delta R.T.: 0.020 min
Response: 769206
Conc: 5.21 ug/ml

Instrument :
FID_D
ClientSampleId :



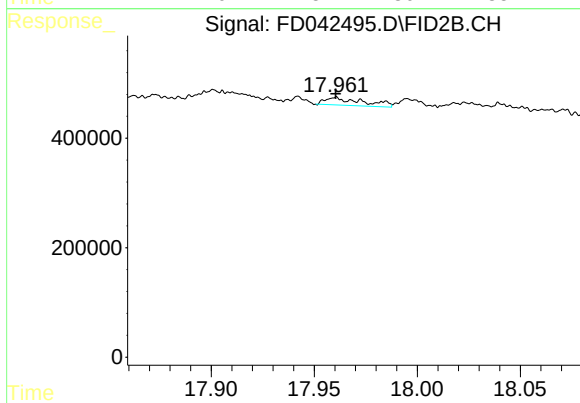
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.721 min
Delta R.T.: -0.001 min
Response: 142847
Conc: 1.43 ug/ml



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

R.T.: 17.783 min
Delta R.T.: 0.023 min
Response: 174495
Conc: 1.11 ug/ml



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

R.T.: 17.960 min
Delta R.T.: 0.000 min
Response: 180561
Conc: 1.30 ug/ml