

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080724AR\
 Data File : FD048171.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2024 22:46
 Operator : YP/AJ
 Sample : P3476-08
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 03:21:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.401	6655844	44.783 ug/ml
Spiked Amount 50.000		Recovery =	89.57%
6) S 2-Fluorobiphenyl (SURR)	8.251	4299212	45.427 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.85%
11) S ortho-Terphenyl (SURR)	11.288	3466203	20.716 ug/ml
Spiked Amount 50.000		Recovery =	41.43%
Target Compounds			
2) T Naphthalene (C11.7)	5.800	30634	0.177 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	47039	0.271 ug/ml
5) T Acenaphthylene (C15.06)	8.062	45664	0.266 ug/ml
7) T Acenaphthene (C15.5)	8.347	45244	0.261 ug/ml
8) T Flouorene (C16.55)	9.138	50205	0.309 ug/ml
9) T Phenanthrene (C19.36)	10.524	257206	1.620 ug/ml
10) T Anthracene (C19.43)	10.573	13863	0.088 ug/ml
12) T Fluoranthene (C21.85)	12.323	115904	0.732 ug/ml
13) T Pyrene (C20.8)	12.616	91139	0.576 ug/ml
14) T Benzo[a]anthracene (C...	14.531	156680	1.148 ug/ml
15) T Chrysene (C27.41)	14.531	156680	0.972 ug/ml
16) T benzo[b]fluoranthene ...	16.036	146618	1.019 ug/ml
17) T Bnezo[k]fluoranthene ...	16.074	70329	0.471 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.443	109825	0.775 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.809	646935	5.736 ug/ml
20) T Dibenz[a,h]anthracene...	17.841	903949	6.220 ug/ml
21) T Benzo[g,h,i]perylene ...	18.041	168703	1.145 ug/ml

(f)=RT Delta > 1/2 Window

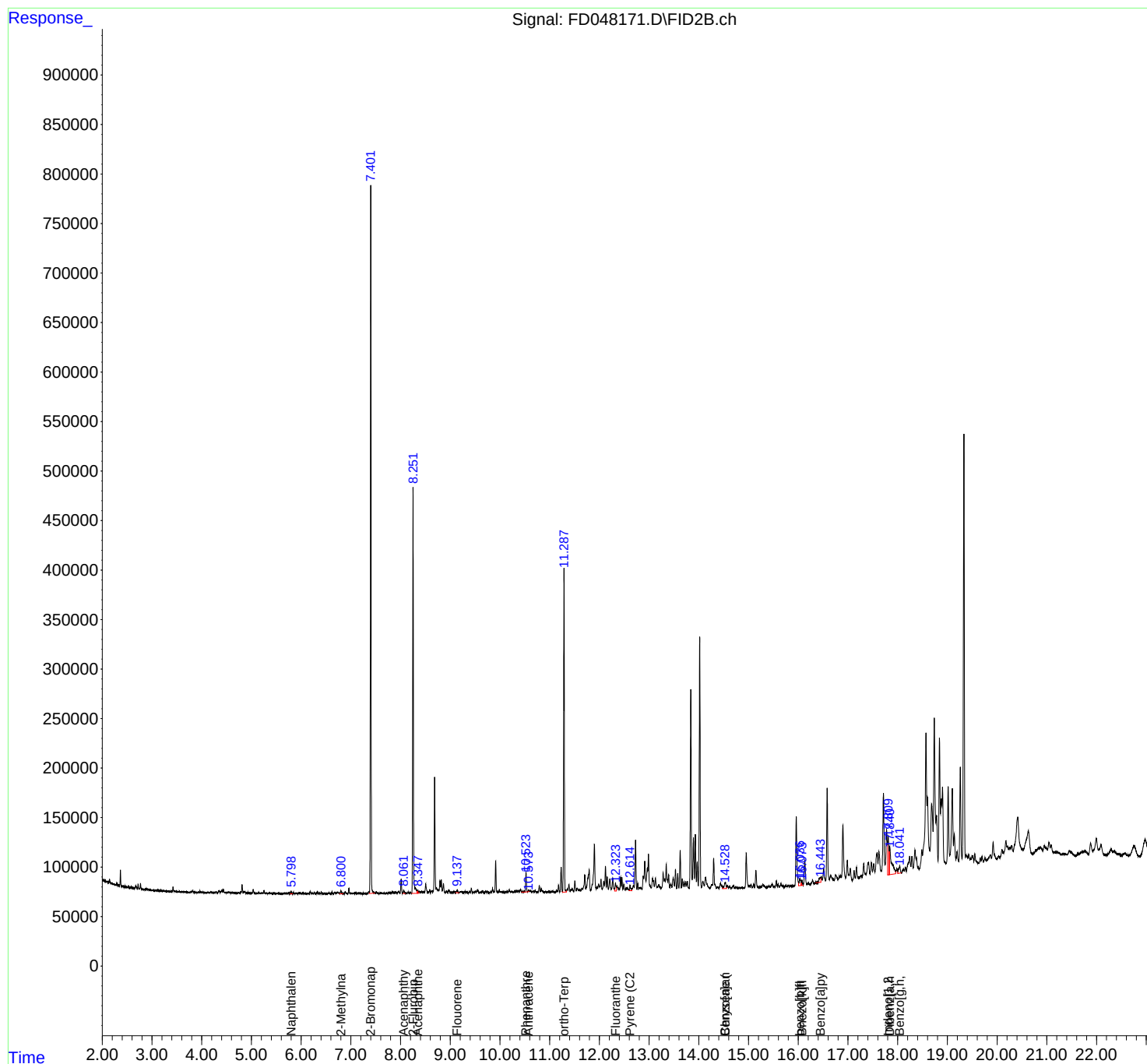
(m)=manual int.

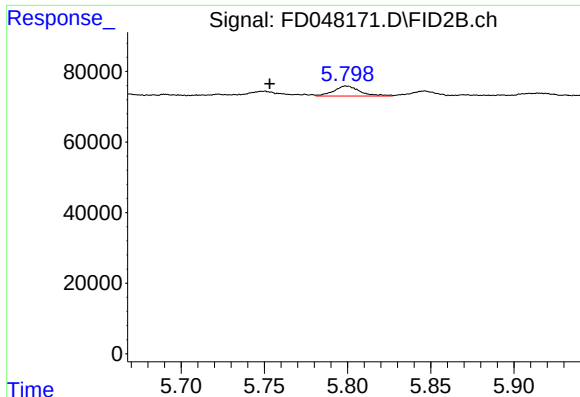
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Signal Info : 20M x 0.18mm x 0.18µm

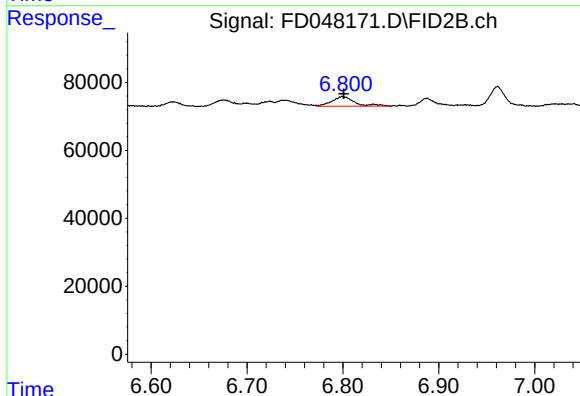




#2 Naphthalene (C11.7)

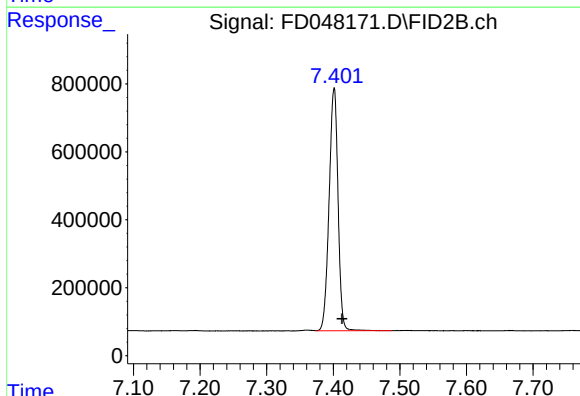
R.T.: 5.800 min
Delta R.T.: 0.046 min
Response: 30634
Conc: 0.18 ug/ml

Instrument :
FID_D
ClientSampleId :



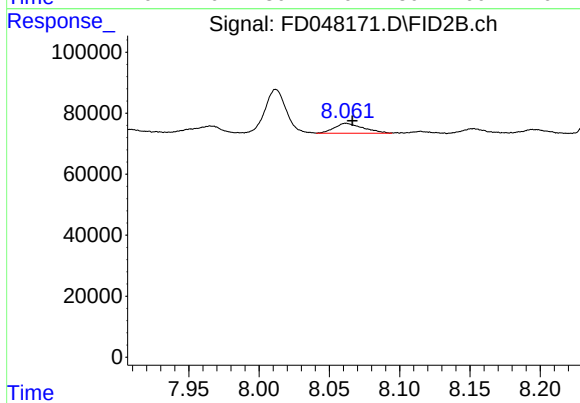
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 47039
Conc: 0.27 ug/ml



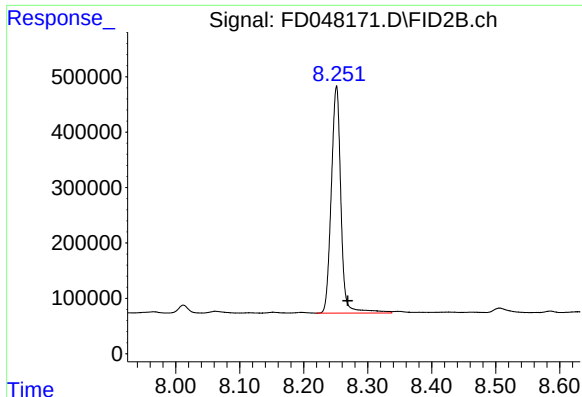
#4 2-Bromonaphthalene (SURR)

R.T.: 7.401 min
Delta R.T.: -0.012 min
Response: 6655844
Conc: 44.78 ug/ml



#5 Acenaphthylene (C15.06)

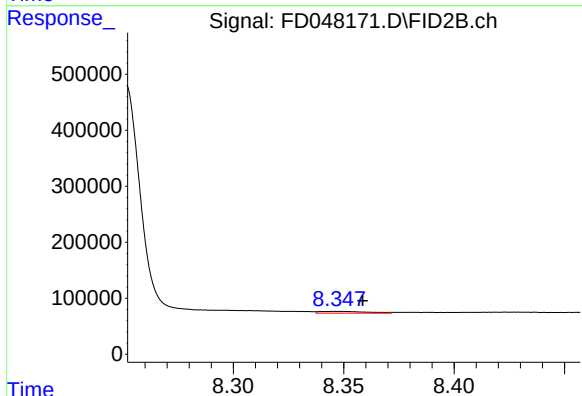
R.T.: 8.062 min
Delta R.T.: -0.004 min
Response: 45664
Conc: 0.27 ug/ml



#6 2-Fluorobiphenyl (SURR)

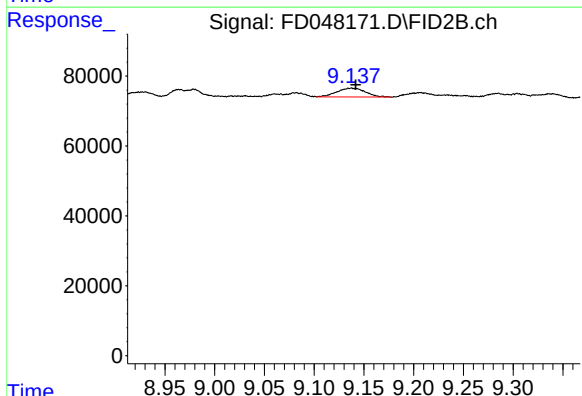
R.T.: 8.251 min
Delta R.T.: -0.018 min
Response: 4299212
Conc: 45.43 ug/ml

Instrument :
FID_D
ClientSampleId :



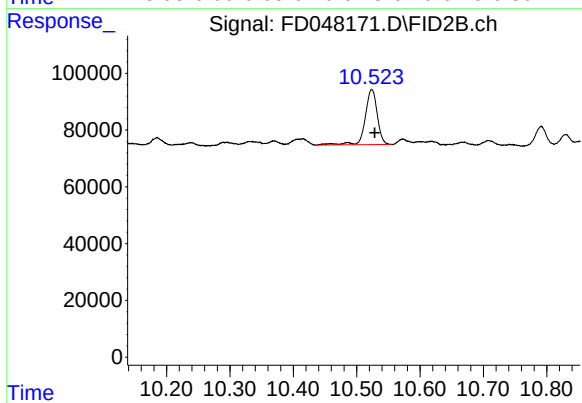
#7 Acenaphthene (C15.5)

R.T.: 8.347 min
Delta R.T.: -0.011 min
Response: 45244
Conc: 0.26 ug/ml



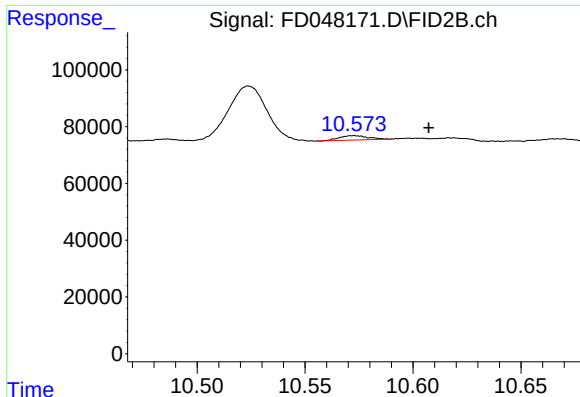
#8 Flouorene (C16.55)

R.T.: 9.138 min
Delta R.T.: -0.004 min
Response: 50205
Conc: 0.31 ug/ml



#9 Phenanthrene (C19.36)

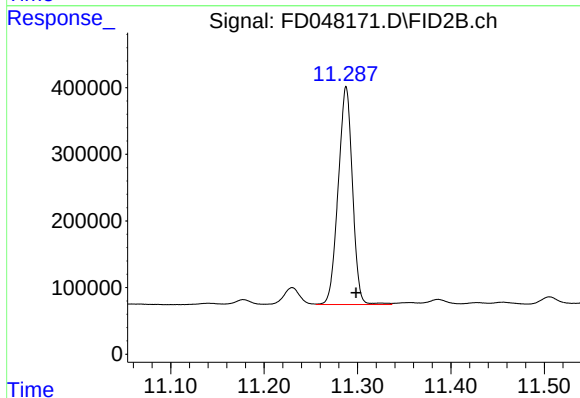
R.T.: 10.524 min
Delta R.T.: -0.005 min
Response: 257206
Conc: 1.62 ug/ml



#10 Anthracene (C19.43)

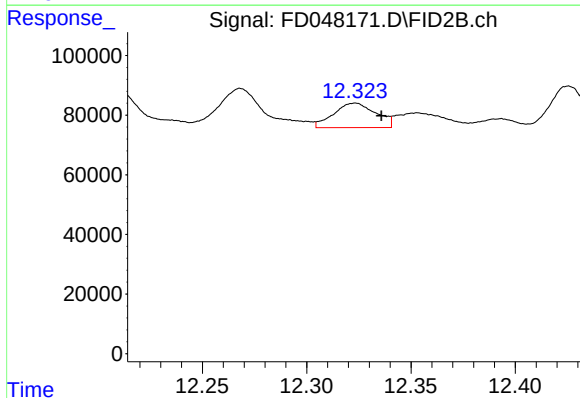
R.T.: 10.573 min
Delta R.T.: -0.034 min
Response: 13863
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



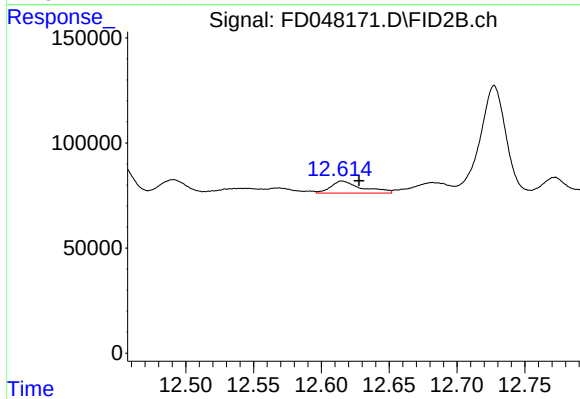
#11 ortho-Terphenyl (SURR)

R.T.: 11.288 min
Delta R.T.: -0.011 min
Response: 3466203
Conc: 20.72 ug/ml



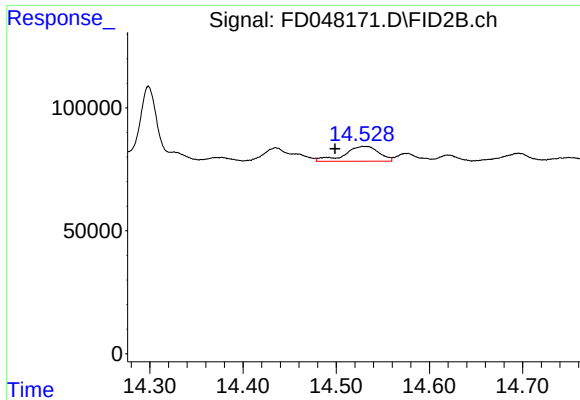
#12 Fluoranthene (C21.85)

R.T.: 12.323 min
Delta R.T.: -0.013 min
Response: 115904
Conc: 0.73 ug/ml



#13 Pyrene (C20.8)

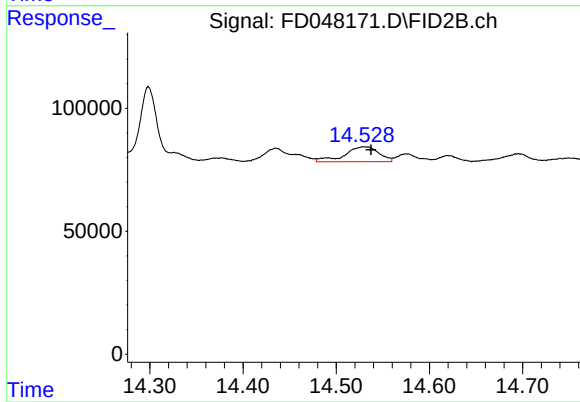
R.T.: 12.616 min
Delta R.T.: -0.012 min
Response: 91139
Conc: 0.58 ug/ml



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

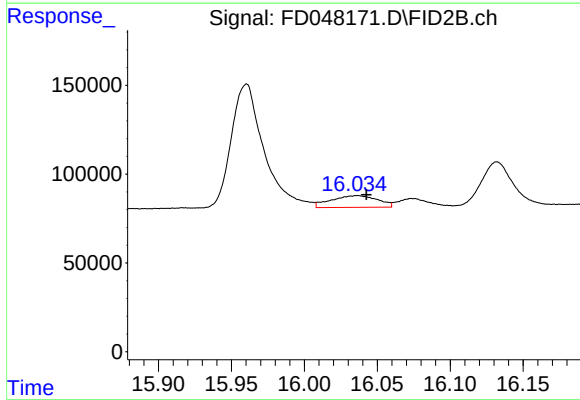
R.T.: 14.531 min
Delta R.T.: 0.032 min
Response: 156680
Conc: 1.15 ug/ml

Instrument :
FID_D
ClientSampleId :



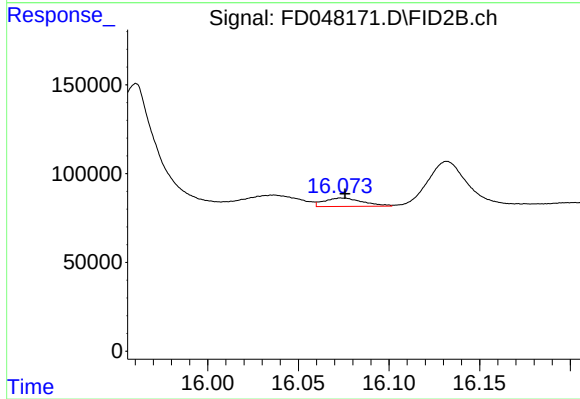
#15 Chrysene (C27.41)

R.T.: 14.531 min
Delta R.T.: -0.007 min
Response: 156680
Conc: 0.97 ug/ml



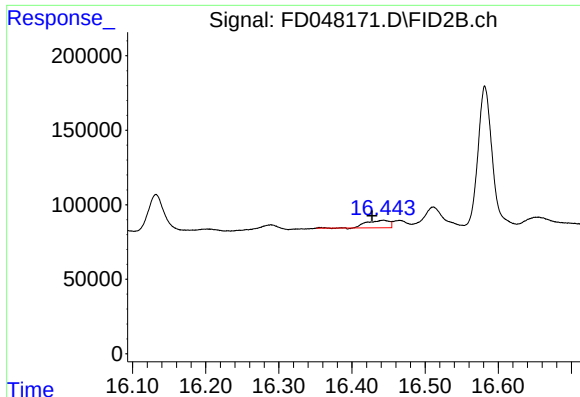
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.036 min
Delta R.T.: -0.007 min
Response: 146618
Conc: 1.02 ug/ml



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

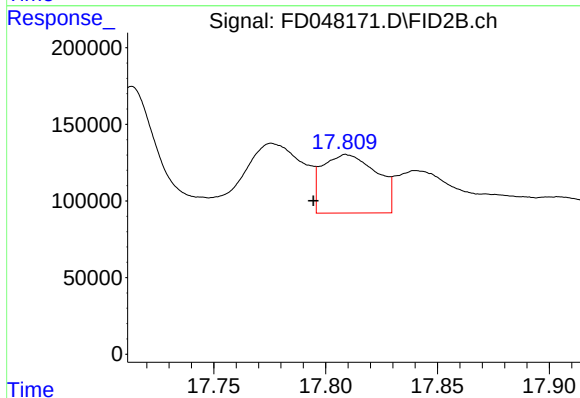
R.T.: 16.074 min
Delta R.T.: -0.001 min
Response: 70329
Conc: 0.47 ug/ml



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

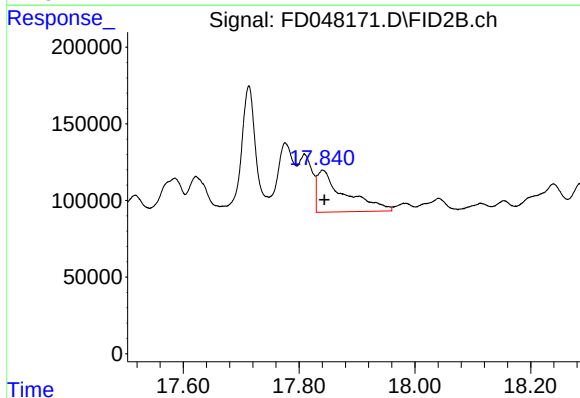
R.T.: 16.443 min
Delta R.T.: 0.016 min
Response: 109825
Conc: 0.78 ug/ml

Instrument :
FID_D
ClientSampleId :



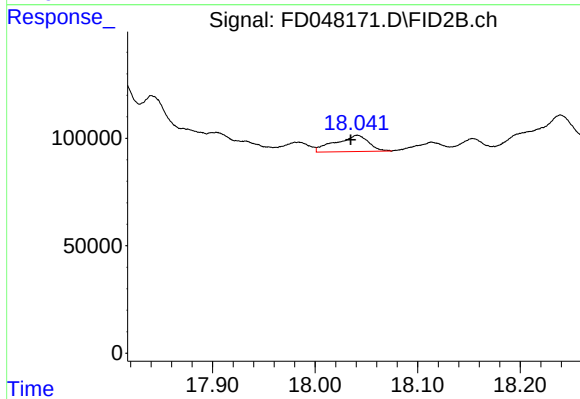
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.809 min
Delta R.T.: 0.015 min
Response: 646935
Conc: 5.74 ug/ml



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

R.T.: 17.841 min
Delta R.T.: -0.003 min
Response: 903949
Conc: 6.22 ug/ml



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

R.T.: 18.041 min
Delta R.T.: 0.006 min
Response: 168703
Conc: 1.14 ug/ml