

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048683.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 22:23
 Operator : YP/AJ
 Sample : P4721-03
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 09 01:09:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.373	12624178	83.175 ug/ml
Spiked Amount 50.000		Recovery =	166.35%
6) S 2-Fluorobiphenyl (SURR)	8.225	8858072	90.212 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	180.42%#
11) S ortho-Terphenyl (SURR)	11.261	14120805	82.898 ug/ml
Spiked Amount 50.000		Recovery =	165.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.195	15832	0.091 ug/ml
2) T Naphthalene (C11.7)	5.683	1353438	7.585 ug/ml
3) T 2-Methylnaphthalene (...)	6.761	3326816	18.600 ug/ml
5) T Acenaphthylene (C15.06)	8.007	7473867	42.564 ug/ml
7) T Acenaphthene (C15.5)	8.315	1594797	8.992 ug/ml
8) T Fluorene (C16.55)	9.095	2918202	17.264 ug/ml
9) T Phenanthrene (C19.36)	10.485	3944128	23.860 ug/ml
10) T Anthracene (C19.43)	10.584	3859623	24.136 ug/ml
12) T Fluoranthene (C21.85)	12.292	3888806	23.629 ug/ml
13) T Pyrene (C20.8)	12.585	2895960	17.979 ug/ml
14) T Benzo[a]anthracene (C...	14.428	381447	2.609 ug/ml
15) T Chrysene (C27.41)	14.494	342811	2.084 ug/ml
16) T benzo[b]fluoranthene ...	16.008	154650	1.017 ug/ml
17) T Bnezo[k]fluoranthene ...	16.008	154650	1.029 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.325	196186	1.304 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	200414	1.536 ug/ml
20) T Dibenz[a,h]anthracene...	17.809	118448	0.728 ug/ml
21) T Benzo[g,h,i]perylene ...	18.002	214919	1.404 ug/ml

(f)=RT Delta > 1/2 Window

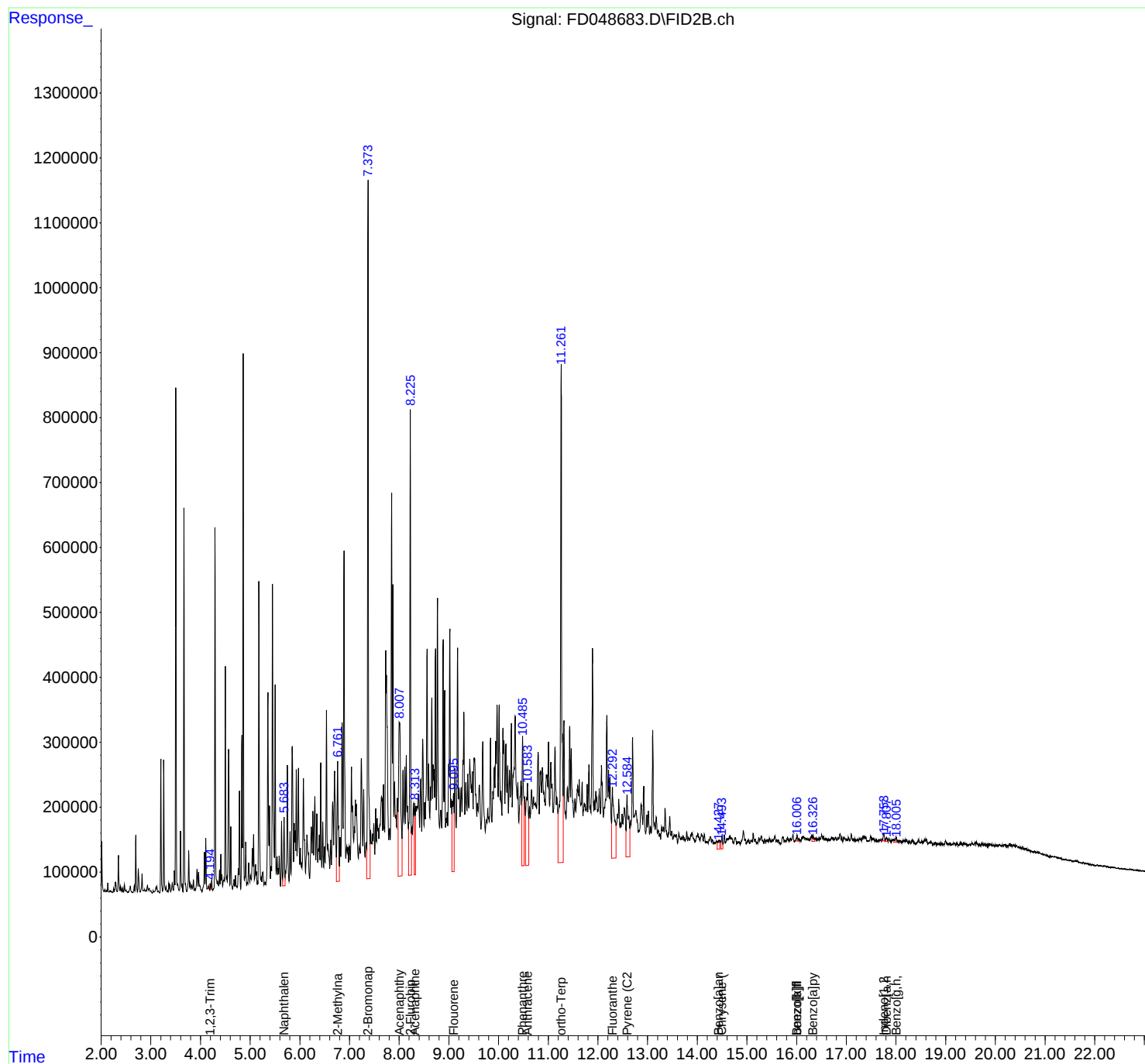
(m)=manual int.

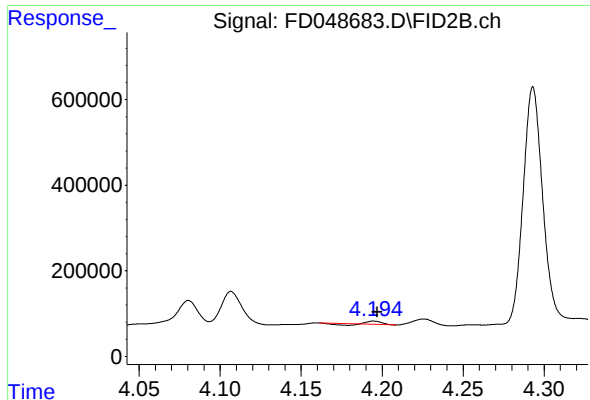
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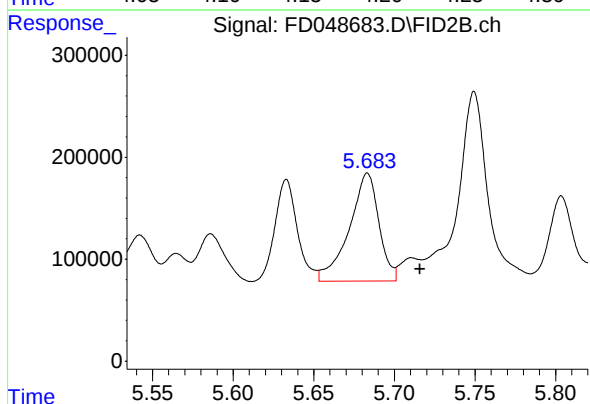




#1 1,2,3-Trimethylbenzene (C10.1)

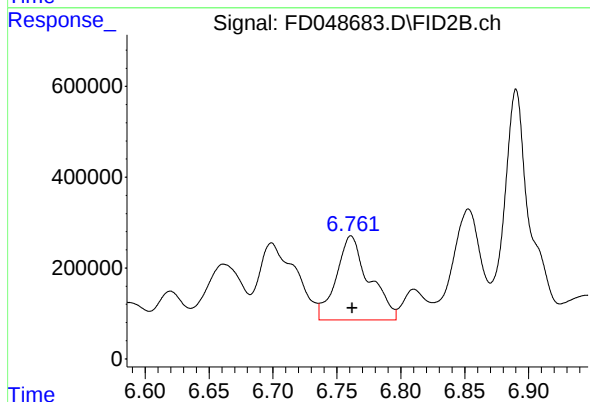
R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 15832
Conc: 0.09 ug/ml

Instrument :
FID_D
ClientSampleId :



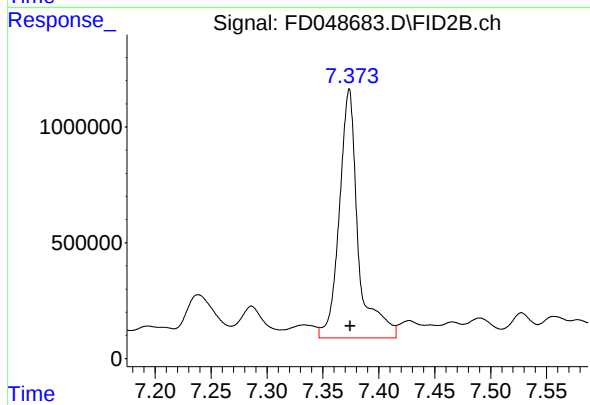
#2 Naphthalene (C11.7)

R.T.: 5.683 min
Delta R.T.: -0.033 min
Response: 1353438
Conc: 7.59 ug/ml



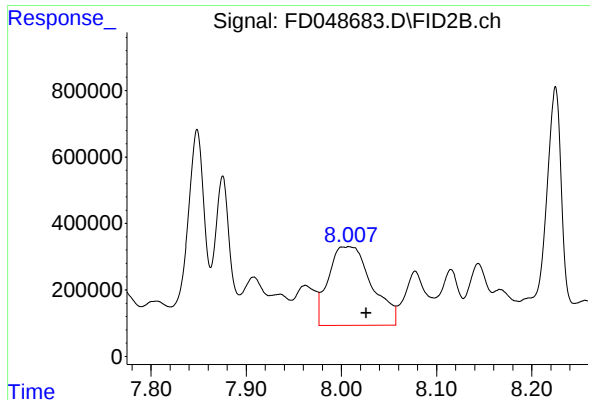
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.761 min
Delta R.T.: -0.001 min
Response: 3326816
Conc: 18.60 ug/ml



#4 2-Bromonaphthalene (SURR)

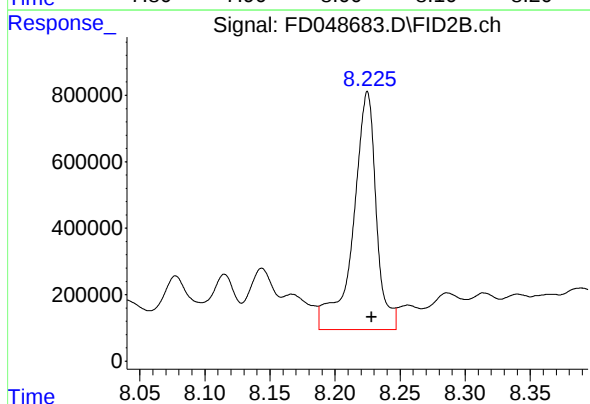
R.T.: 7.373 min
Delta R.T.: -0.001 min
Response: 12624178
Conc: 83.17 ug/ml



#5 Acenaphthylene (C15.06)

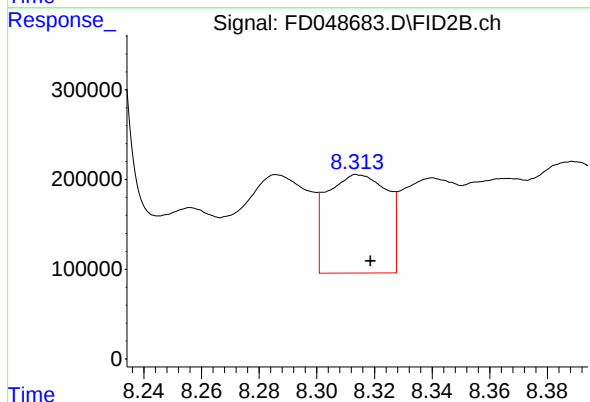
R.T.: 8.007 min
Delta R.T.: -0.019 min
Response: 7473867
Conc: 42.56 ug/ml

Instrument :
FID_D
ClientSampleId :



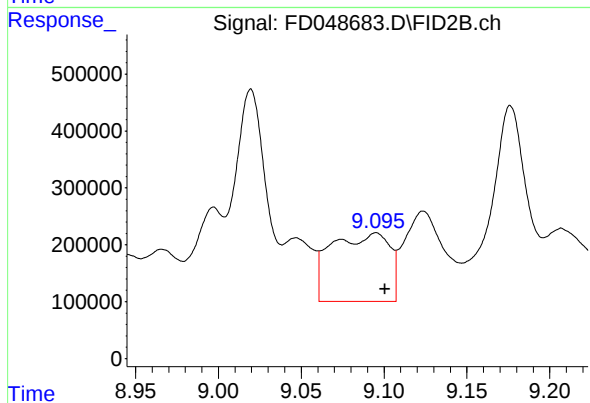
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 8858072
Conc: 90.21 ug/ml



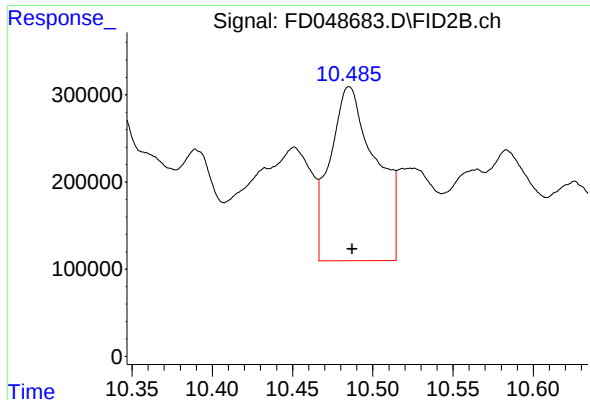
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 1594797
Conc: 8.99 ug/ml



#8 Flouorene (C16.55)

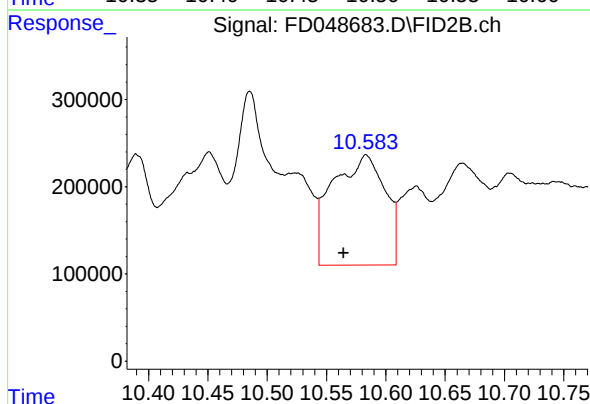
R.T.: 9.095 min
Delta R.T.: -0.005 min
Response: 2918202
Conc: 17.26 ug/ml



#9 Phenanthrene (C19.36)

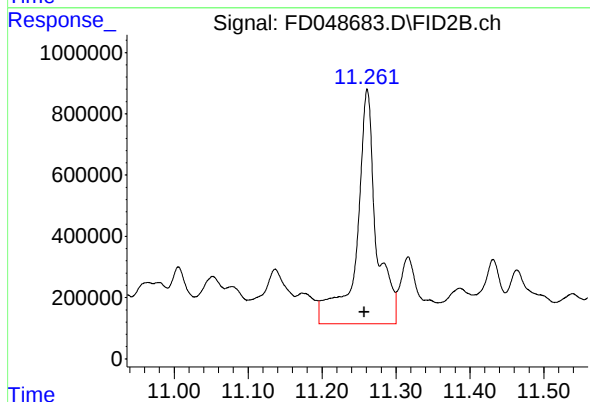
R.T.: 10.485 min
Delta R.T.: -0.002 min
Response: 3944128
Conc: 23.86 ug/ml

Instrument :
FID_D
ClientSampleId :



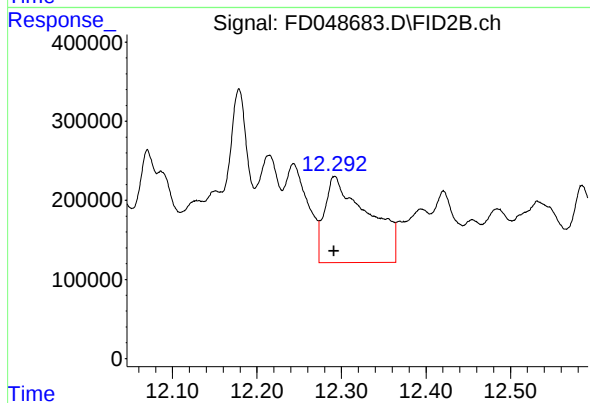
#10 Anthracene (C19.43)

R.T.: 10.584 min
Delta R.T.: 0.019 min
Response: 3859623
Conc: 24.14 ug/ml



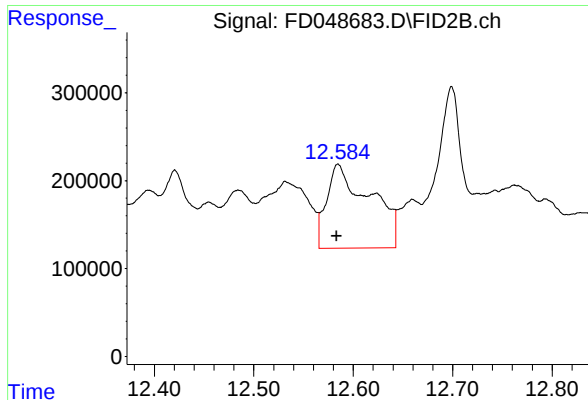
#11 ortho-Terphenyl (SURR)

R.T.: 11.261 min
Delta R.T.: 0.004 min
Response: 14120805
Conc: 82.90 ug/ml



#12 Fluoranthene (C21.85)

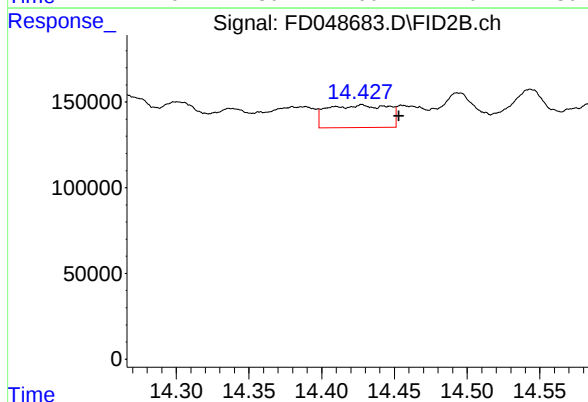
R.T.: 12.292 min
Delta R.T.: 0.000 min
Response: 3888806
Conc: 23.63 ug/ml



#13 Pyrene (C20.8)

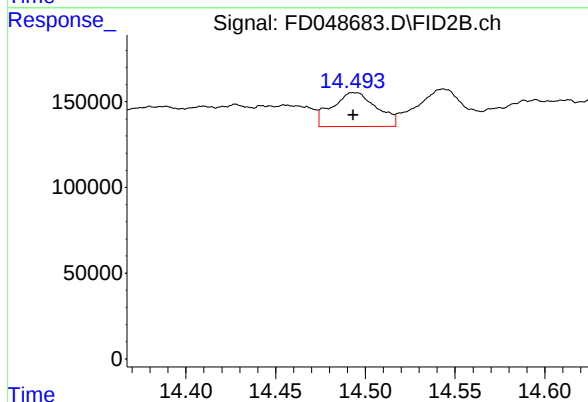
R.T.: 12.585 min
Delta R.T.: 0.002 min
Response: 2895960
Conc: 17.98 ug/ml

Instrument :
FID_D
ClientSampleId :



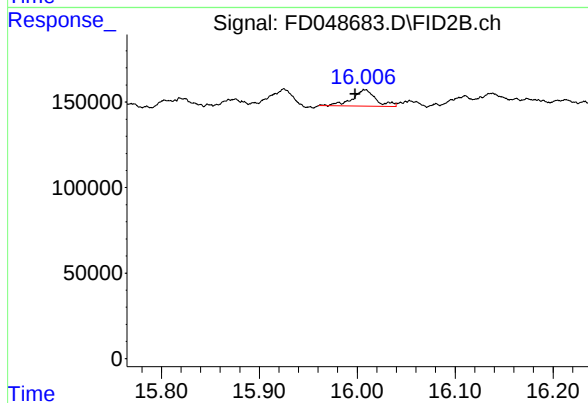
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.428 min
Delta R.T.: -0.026 min
Response: 381447
Conc: 2.61 ug/ml



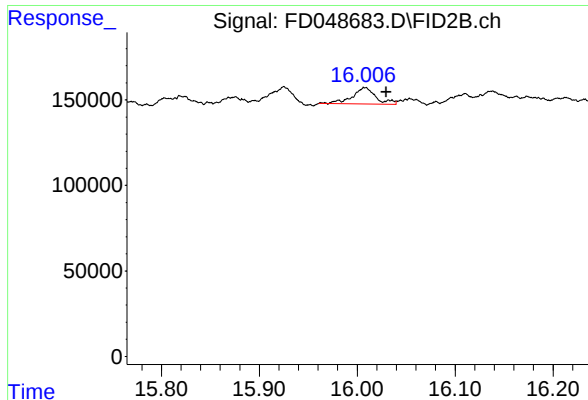
#15 Chrysene (C27.41)

R.T.: 14.494 min
Delta R.T.: 0.000 min
Response: 342811
Conc: 2.08 ug/ml



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

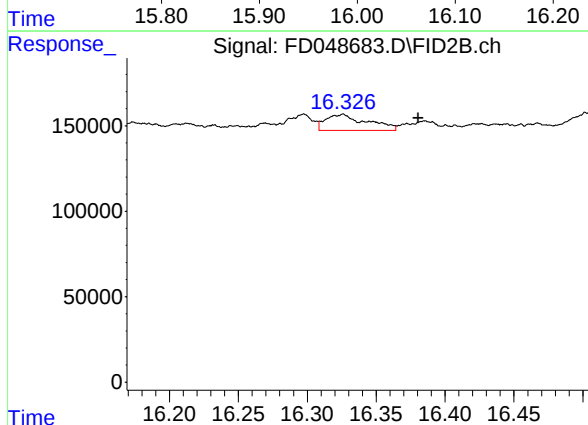
R.T.: 16.008 min
Delta R.T.: 0.010 min
Response: 154650
Conc: 1.02 ug/ml



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

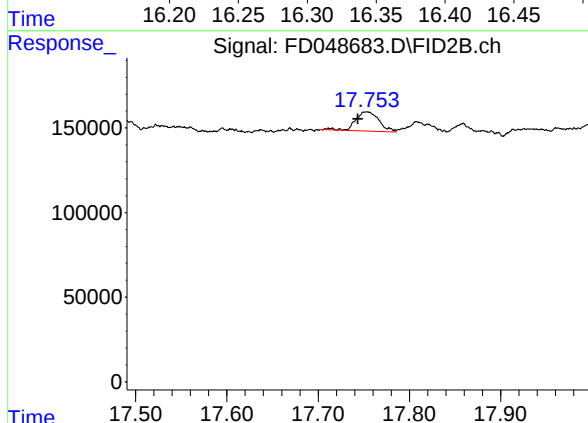
R.T.: 16.008 min
Delta R.T.: -0.022 min
Response: 154650
Conc: 1.03 ug/ml

Instrument :
FID_D
ClientSampleId :



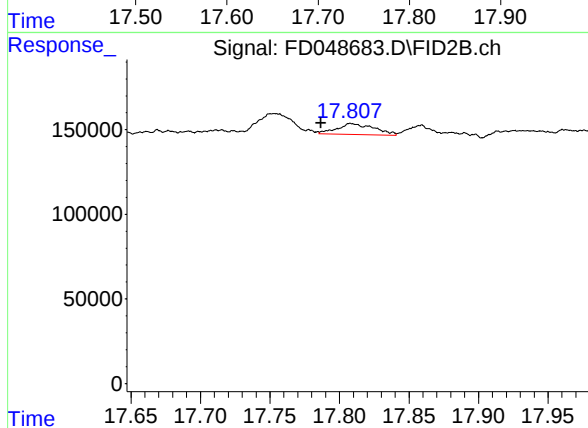
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.325 min
Delta R.T.: -0.056 min
Response: 196186
Conc: 1.30 ug/ml



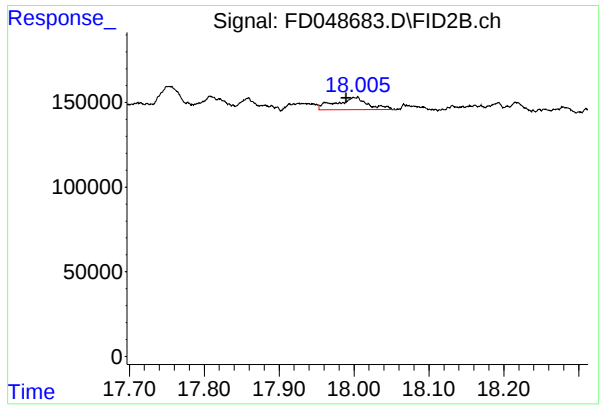
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: 0.010 min
Response: 200414
Conc: 1.54 ug/ml



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

R.T.: 17.809 min
Delta R.T.: 0.022 min
Response: 118448
Conc: 0.73 ug/ml



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

R.T.: 18.002 min
Delta R.T.: 0.012 min
Response: 214919
Conc: 1.40 ug/ml

Instrument :
FID_D
ClientSampleId :