

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110824AR\
 Data File : FD048684.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2024 23:00
 Operator : YP/AJ
 Sample : P4721-04
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 09 01:09:13 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...	7.379	15691217	103.382 ug/ml
Spiked Amount 50.000		Recovery =	206.76%
6) S 2-Fluorobiphenyl (SURR)	8.233	12092138	123.148 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	246.30%#
11) S ortho-Terphenyl (SURR)	11.273	15598584	91.573 ug/ml
Spiked Amount 50.000		Recovery =	183.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	90310	0.519 ug/ml
2) T Naphthalene (C11.7)	5.715	382737	2.145 ug/ml
3) T 2-Methylnaphthalene (...)	6.768	8585511	48.000 ug/ml
5) T Acenaphthylene (C15.06)	8.024	19479694	110.938 ug/ml
7) T Acenaphthene (C15.5)	8.324	4024302	22.690 ug/ml
8) T Fluorene (C16.55)	9.107	8126424	48.075 ug/ml
9) T Phenanthrene (C19.36)	10.500	12127805	73.366 ug/ml
10) T Anthracene (C19.43)	10.572	4266891	26.683 ug/ml
12) T Fluoranthene (C21.85)	12.303	8023635	48.753 ug/ml
13) T Pyrene (C20.8)	12.593	5691522	35.334 ug/ml
14) T Benzo[a]anthracene (C...	14.457	952685	6.516 ug/ml
15) T Chrysene (C27.41)	14.497	710582	4.320 ug/ml
16) T benzo[b]fluoranthene ...	16.010	305115	2.007 ug/ml
17) T Bnezo[k]fluoranthene ...	16.010	305115	2.030 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	282736	1.879 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.755	152791	1.171 ug/ml
20) T Dibenz[a,h]anthracene...	17.818	66828	0.411 ug/ml
21) T Benzo[g,h,i]perylene ...	17.998	194653	1.271 ug/ml

(f)=RT Delta > 1/2 Window

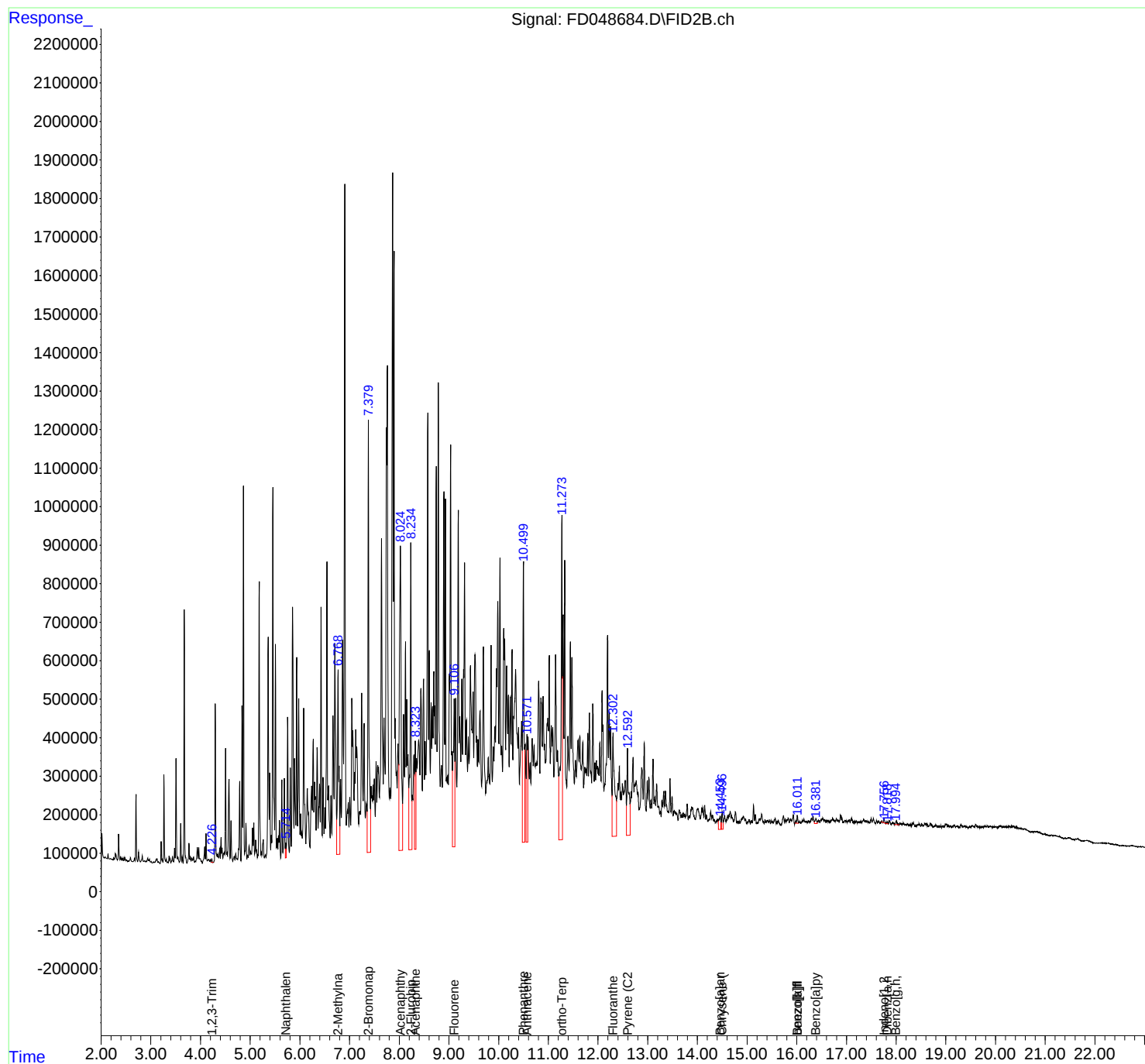
(m)=manual int.

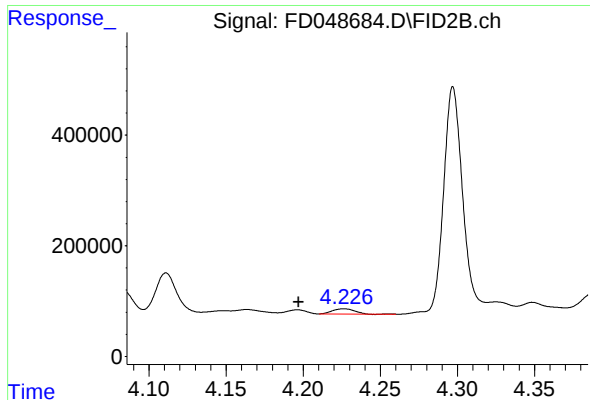
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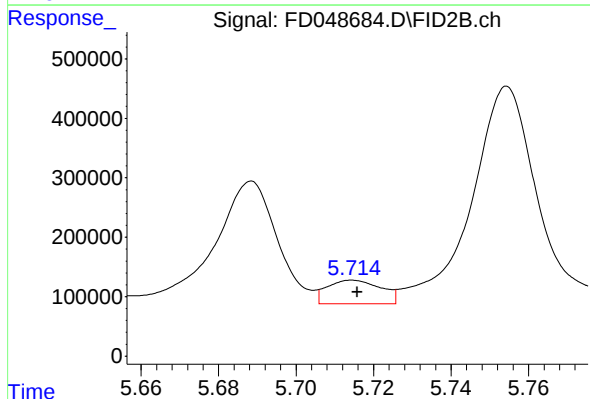




#1 1,2,3-Trimethylbenzene (C10.1)

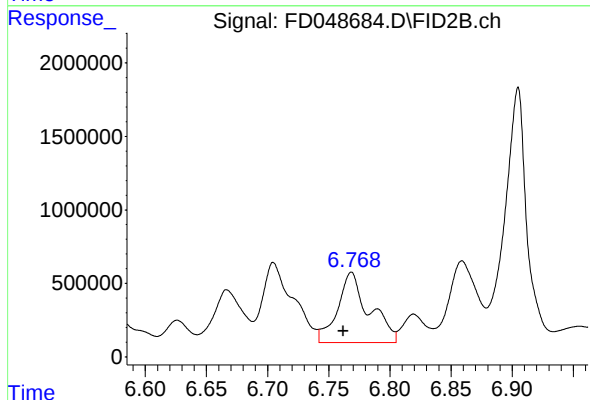
R.T.: 4.226 min
Delta R.T.: 0.029 min
Response: 90310
Conc: 0.52 ug/ml

Instrument :
FID_D
ClientSampleId :



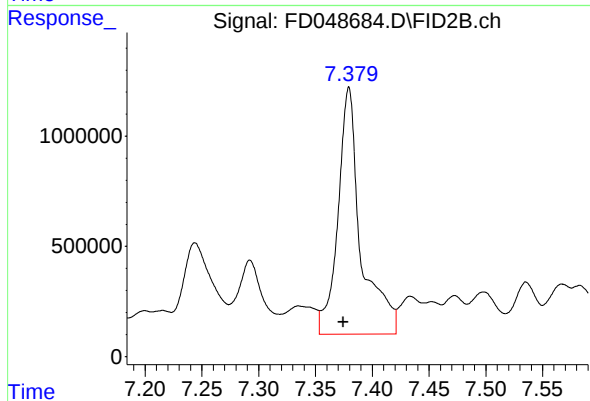
#2 Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: -0.001 min
Response: 382737
Conc: 2.14 ug/ml



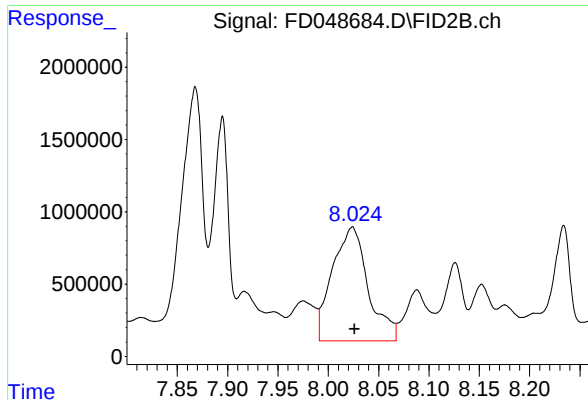
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min
Delta R.T.: 0.006 min
Response: 8585511
Conc: 48.00 ug/ml



#4 2-Bromonaphthalene (SURR)

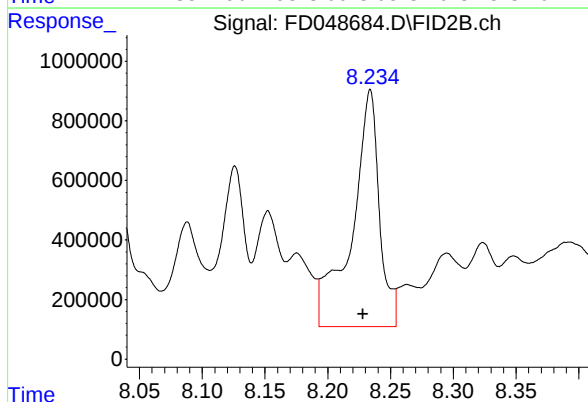
R.T.: 7.379 min
Delta R.T.: 0.005 min
Response: 15691217
Conc: 103.38 ug/ml



#5 Acenaphthylene (C15.06)

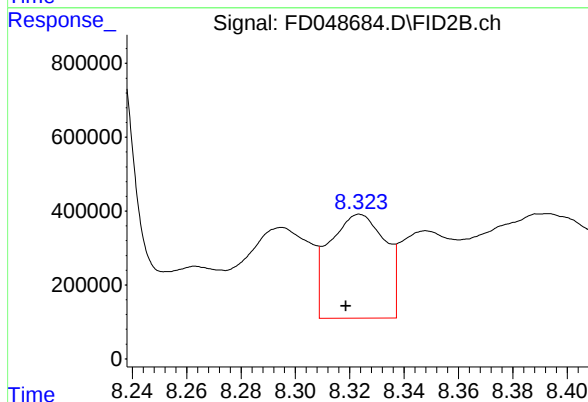
R.T.: 8.024 min
Delta R.T.: -0.002 min
Response: 19479694
Conc: 110.94 ug/ml

Instrument :
FID_D
ClientSampleId :



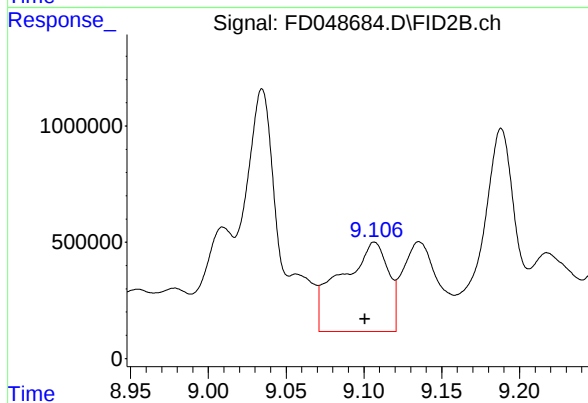
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.233 min
Delta R.T.: 0.005 min
Response: 12092138
Conc: 123.15 ug/ml



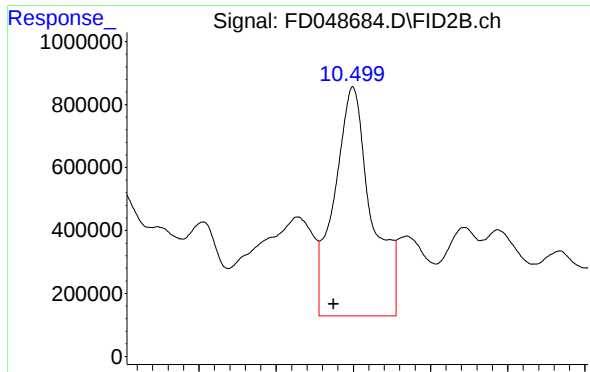
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: 0.005 min
Response: 4024302
Conc: 22.69 ug/ml



#8 Flouorene (C16.55)

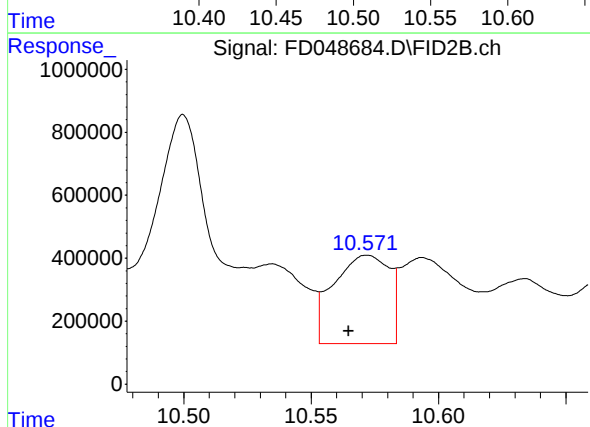
R.T.: 9.107 min
Delta R.T.: 0.006 min
Response: 8126424
Conc: 48.07 ug/ml



#9 Phenanthrene (C19.36)

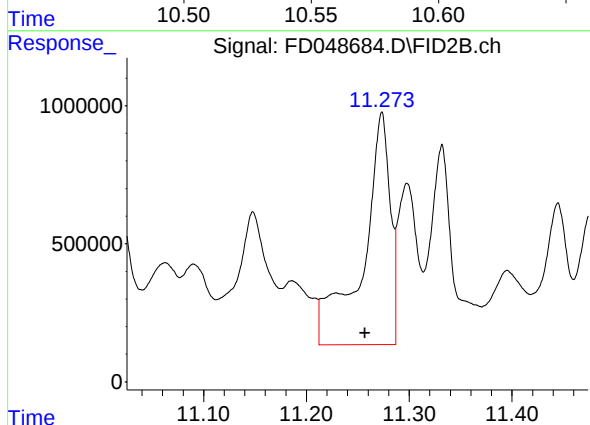
R.T.: 10.500 min
Delta R.T.: 0.012 min
Response: 12127805
Conc: 73.37 ug/ml

Instrument :
FID_D
ClientSampleId :



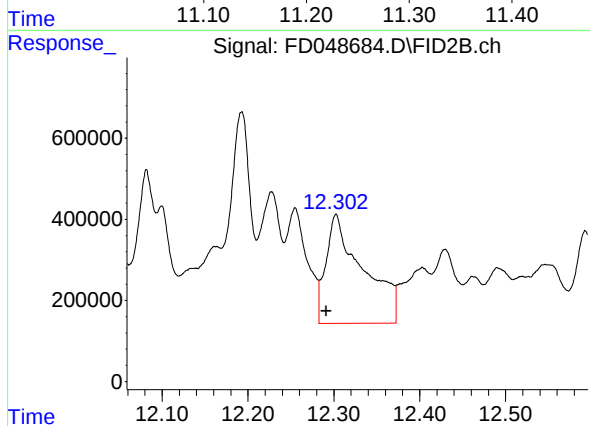
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: 0.007 min
Response: 4266891
Conc: 26.68 ug/ml



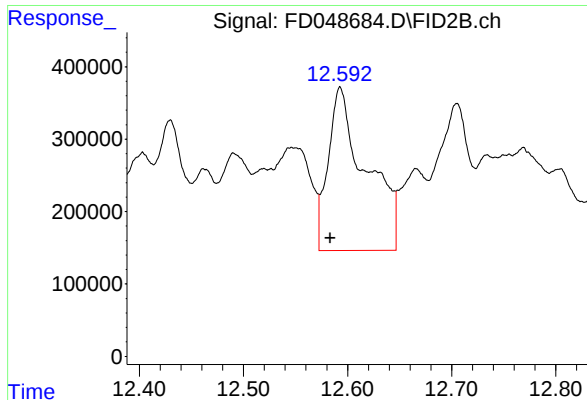
#11 ortho-Terphenyl (SURR)

R.T.: 11.273 min
Delta R.T.: 0.016 min
Response: 15598584
Conc: 91.57 ug/ml



#12 Fluoranthene (C21.85)

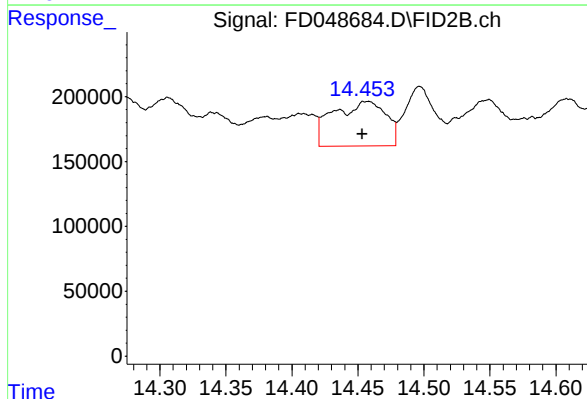
R.T.: 12.303 min
Delta R.T.: 0.011 min
Response: 8023635
Conc: 48.75 ug/ml



#13 Pyrene (C20.8)

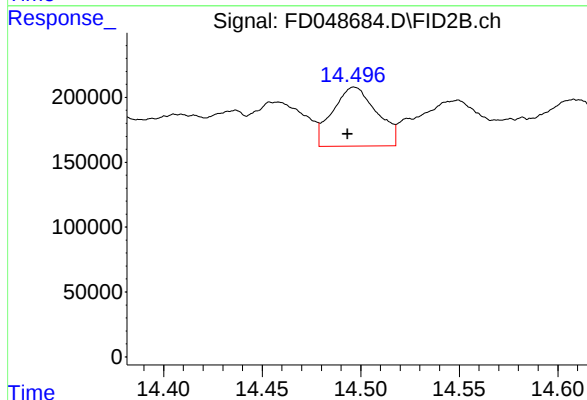
R.T.: 12.593 min
Delta R.T.: 0.010 min
Response: 5691522
Conc: 35.33 ug/ml

Instrument :
FID_D
ClientSampleId :



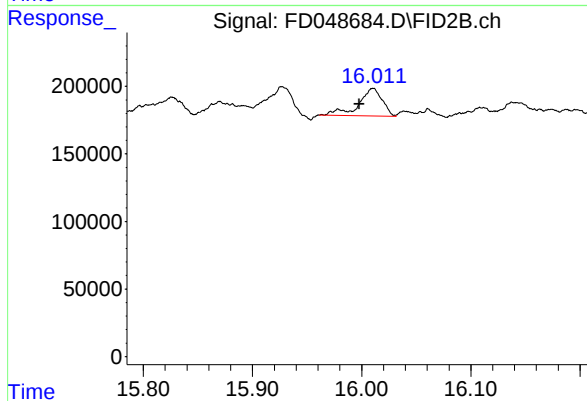
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.457 min
Delta R.T.: 0.004 min
Response: 952685
Conc: 6.52 ug/ml



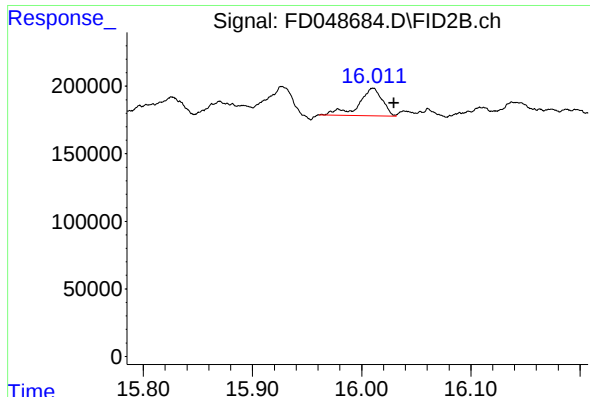
#15 Chrysene (C27.41)

R.T.: 14.497 min
Delta R.T.: 0.003 min
Response: 710582
Conc: 4.32 ug/ml



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

R.T.: 16.010 min
Delta R.T.: 0.012 min
Response: 305115
Conc: 2.01 ug/ml



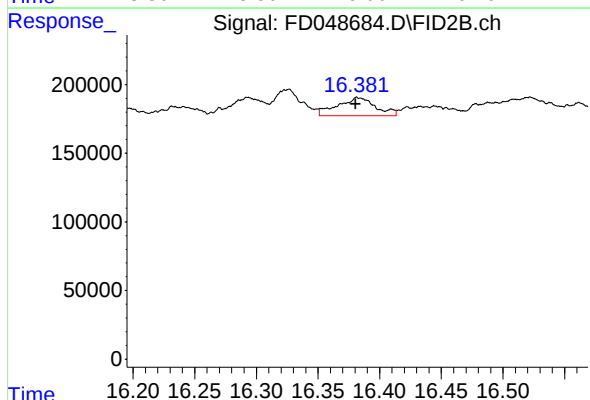
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.010 min
Delta R.T.: -0.019 min
Response: 305115
Conc: 2.03 ug/ml

Instrument :

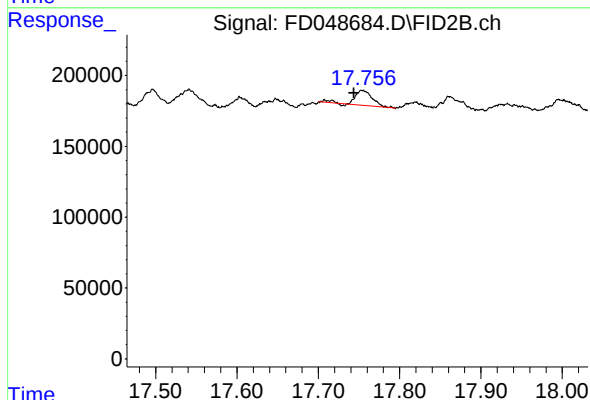
FID_D

ClientSampleId :



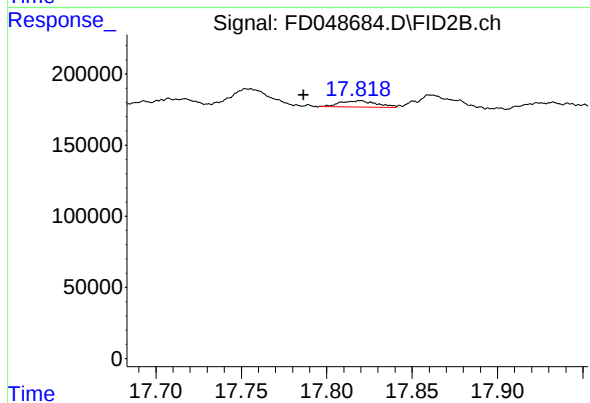
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: 0.003 min
Response: 282736
Conc: 1.88 ug/ml



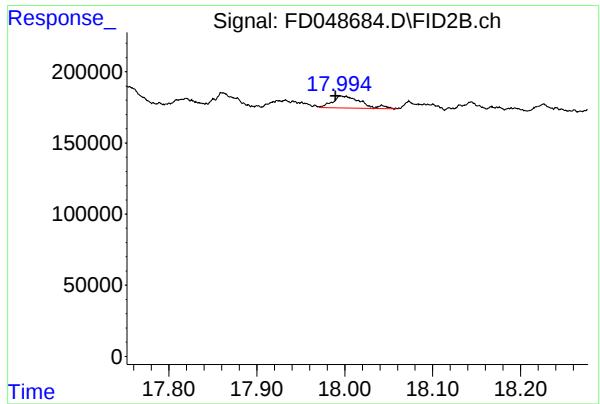
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.755 min
Delta R.T.: 0.011 min
Response: 152791
Conc: 1.17 ug/ml



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

R.T.: 17.818 min
Delta R.T.: 0.032 min
Response: 66828
Conc: 0.41 ug/ml



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

R.T.: 17.998 min

Delta R.T.: 0.008 min

Response: 194653

Conc: 1.27 ug/ml

Instrument :

FID_D

ClientSampleId :