

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092724AR\
 Data File : FD048390.D
 Signal(s) : FID2B.ch
 Acq On : 27 Sep 2024 17:52
 Operator : YP/AJ
 Sample : PB163739BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 28 03:26:45 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.383	7598648	50.103 ug/ml
Spiked Amount 50.000		Recovery =	100.21%
6) S 2-Fluorobiphenyl (SURR)	8.234	4886295	51.139 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.28%
11) S ortho-Terphenyl (SURR)	11.270	7041227	41.040 ug/ml
Spiked Amount 50.000		Recovery =	82.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	6762007	38.332 ug/ml
2) T Naphthalene (C11.7)	5.723	7425378	41.061 ug/ml
3) T 2-Methylnaphthalene (...)	6.770	6935643	38.767 ug/ml
5) T Acenaphthylene (C15.06)	8.036	7344953	42.040 ug/ml
7) T Acenaphthene (C15.5)	8.332	8014672	45.063 ug/ml
8) T Fluorene (C16.55)	9.110	7906661	47.218 ug/ml
9) T Phenanthrene (C19.36)	10.498	7992706	49.507 ug/ml
10) T Anthracene (C19.43)	10.574	8050549	50.591 ug/ml
12) T Fluoranthene (C21.85)	12.304	9412438	58.061 ug/ml
13) T Pyrene (C20.8)	12.597	8896995	55.489 ug/ml
14) T Benzo[a]anthracene (C...	14.465	7639718	54.539 ug/ml
15) T Chrysene (C27.41)	14.508	7794559	47.321 ug/ml
16) T benzo[b]fluoranthene ...	16.013	7780506	52.367 ug/ml
17) T Bnezo[k]fluoranthene ...	16.048	7888447	51.219 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.388	7283223	49.227 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	6231348	55.148 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	6424890	42.099 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	6544088	44.396 ug/ml

(f)=RT Delta > 1/2 Window

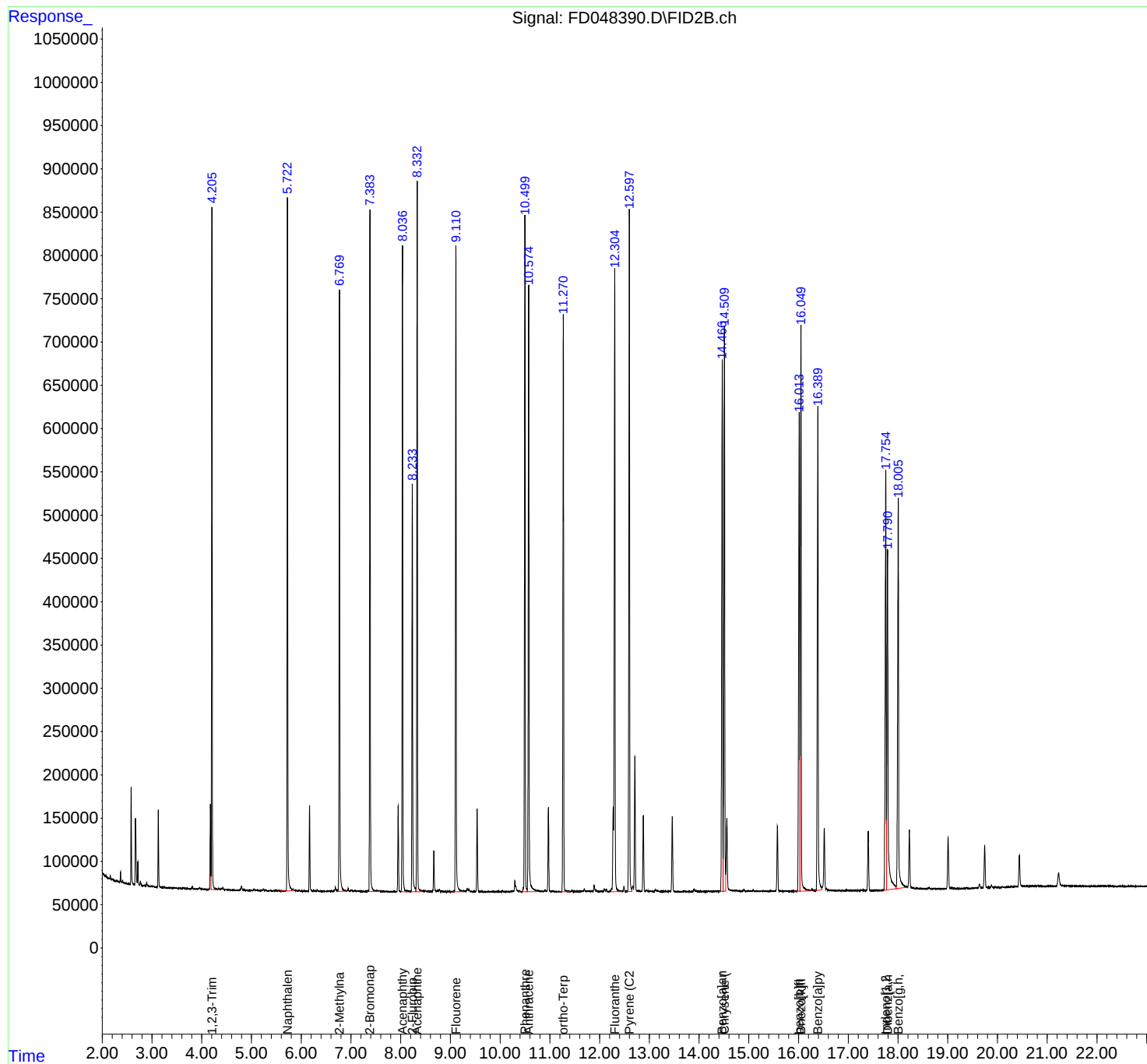
(m)=manual int.

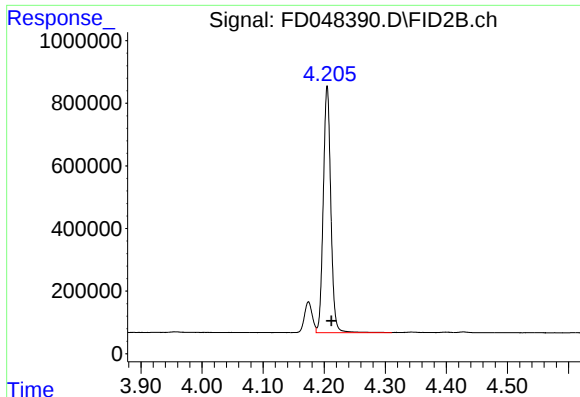
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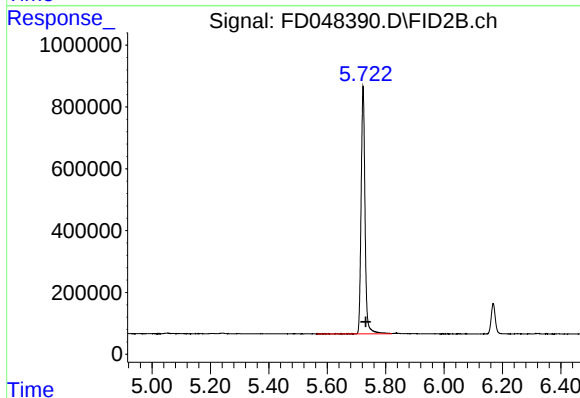




#1 1,2,3-Trimethylbenzene (C10.1)

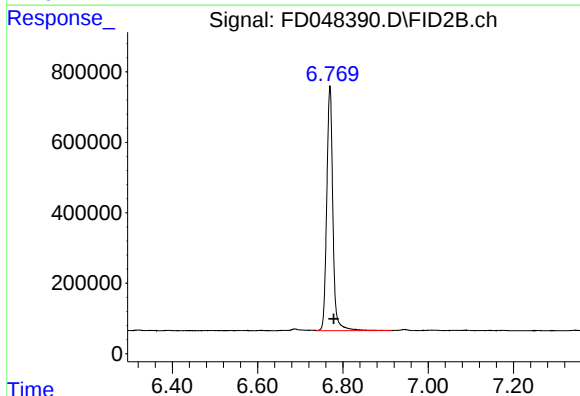
R.T.: 4.205 min
Delta R.T.: -0.007 min
Response: 6762007
Conc: 38.33 ug/ml

Instrument :
FID_D
ClientSampleId :



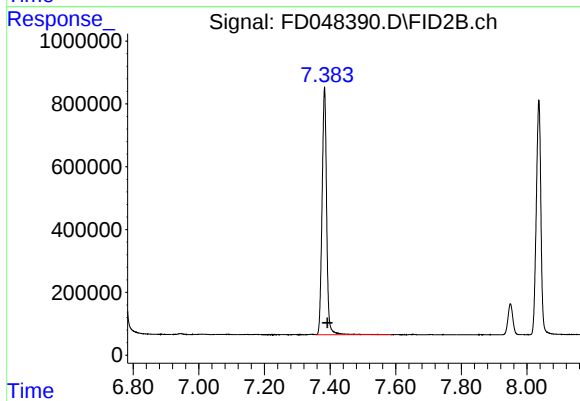
#2 Naphthalene (C11.7)

R.T.: 5.723 min
Delta R.T.: -0.009 min
Response: 7425378
Conc: 41.06 ug/ml



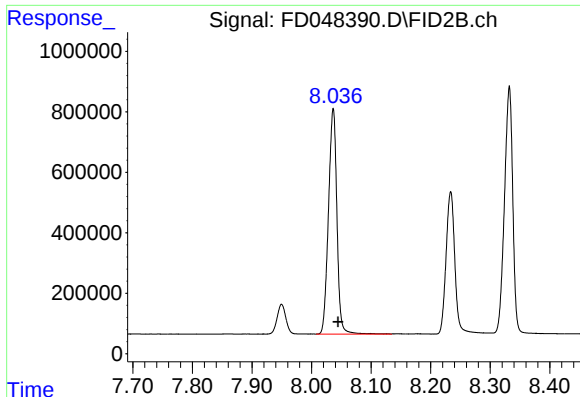
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.770 min
Delta R.T.: -0.009 min
Response: 6935643
Conc: 38.77 ug/ml



#4 2-Bromonaphthalene (SURR)

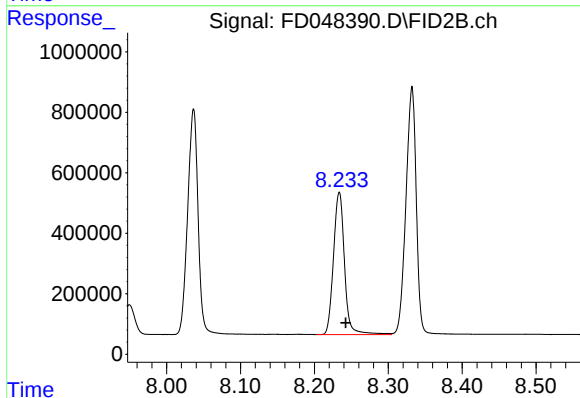
R.T.: 7.383 min
Delta R.T.: -0.009 min
Response: 7598648
Conc: 50.10 ug/ml



#5 Acenaphthylene (C15.06)

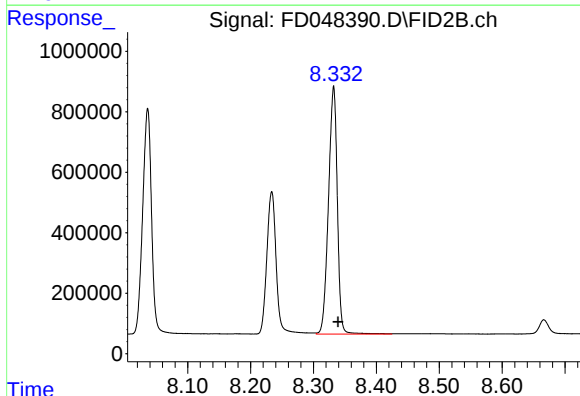
R.T.: 8.036 min
Delta R.T.: -0.008 min
Response: 7344953
Conc: 42.04 ug/ml

Instrument :
FID_D
ClientSampleId :



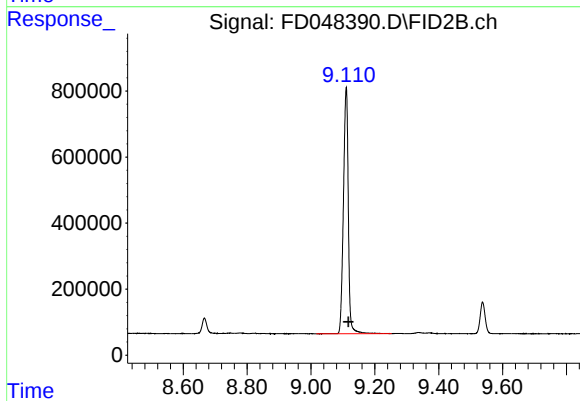
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.234 min
Delta R.T.: -0.009 min
Response: 4886295
Conc: 51.14 ug/ml



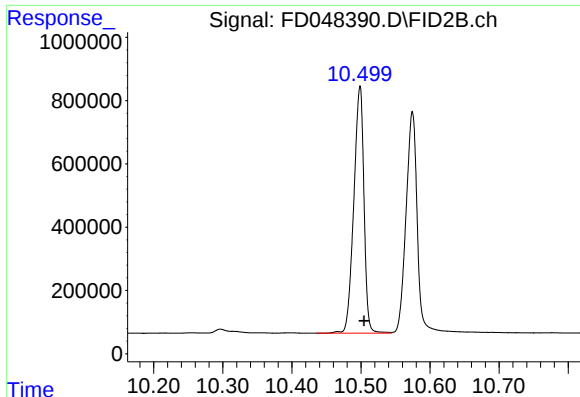
#7 Acenaphthene (C15.5)

R.T.: 8.332 min
Delta R.T.: -0.007 min
Response: 8014672
Conc: 45.06 ug/ml



#8 Flouorene (C16.55)

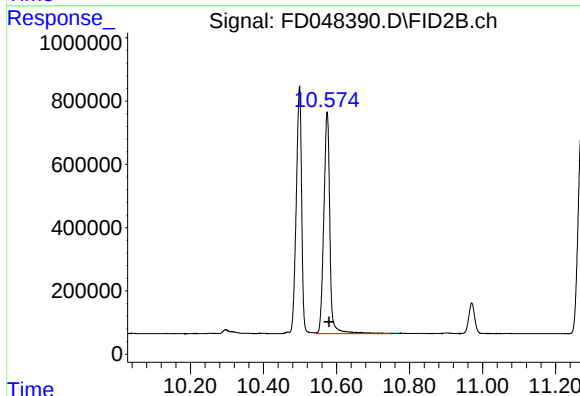
R.T.: 9.110 min
Delta R.T.: -0.008 min
Response: 7906661
Conc: 47.22 ug/ml



#9 Phenanthrene (C19.36)

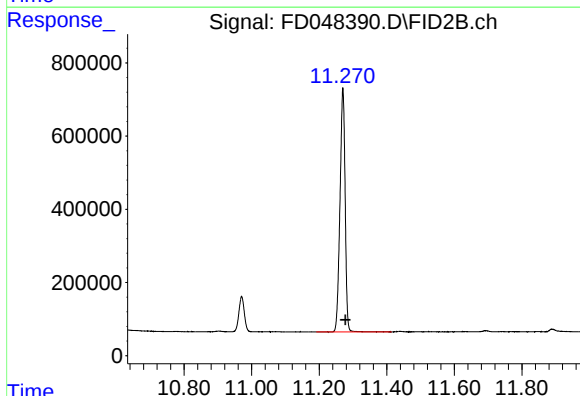
R.T.: 10.498 min
Delta R.T.: -0.007 min
Response: 7992706
Conc: 49.51 ug/ml

Instrument :
FID_D
ClientSampleId :



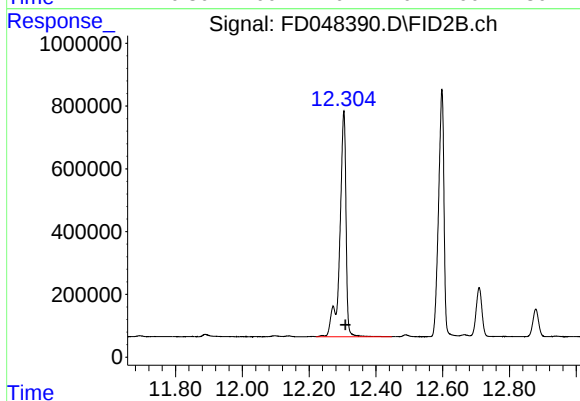
#10 Anthracene (C19.43)

R.T.: 10.574 min
Delta R.T.: -0.006 min
Response: 8050549
Conc: 50.59 ug/ml



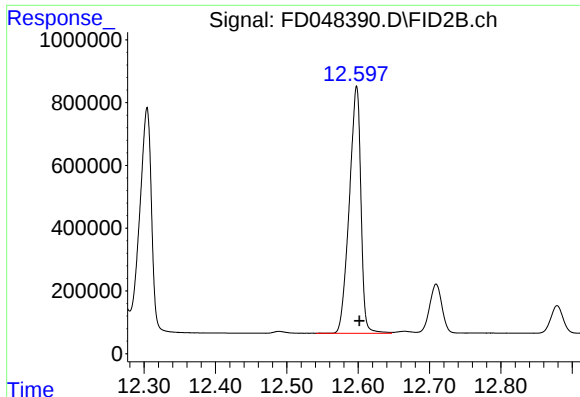
#11 ortho-Terphenyl (SURR)

R.T.: 11.270 min
Delta R.T.: -0.007 min
Response: 7041227
Conc: 41.04 ug/ml



#12 Fluoranthene (C21.85)

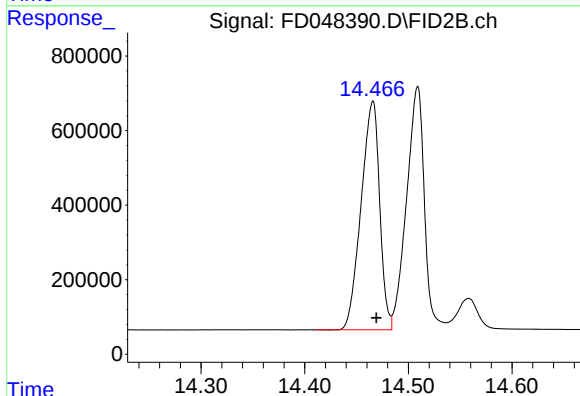
R.T.: 12.304 min
Delta R.T.: -0.005 min
Response: 9412438
Conc: 58.06 ug/ml



#13 Pyrene (C20.8)

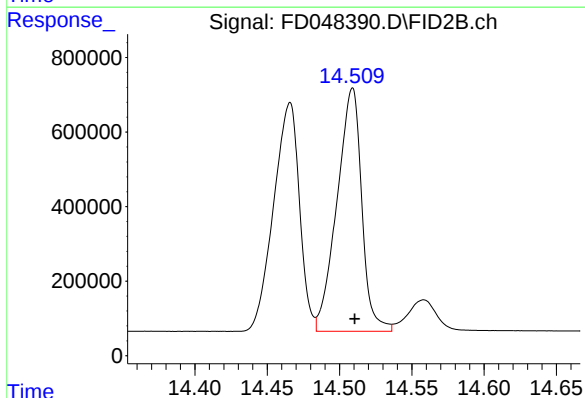
R.T.: 12.597 min
Delta R.T.: -0.005 min
Response: 8896995
Conc: 55.49 ug/ml

Instrument :
FID_D
ClientSampleId :



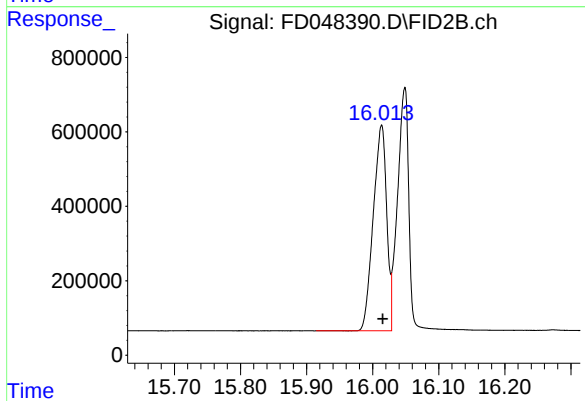
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: -0.004 min
Response: 7639718
Conc: 54.54 ug/ml



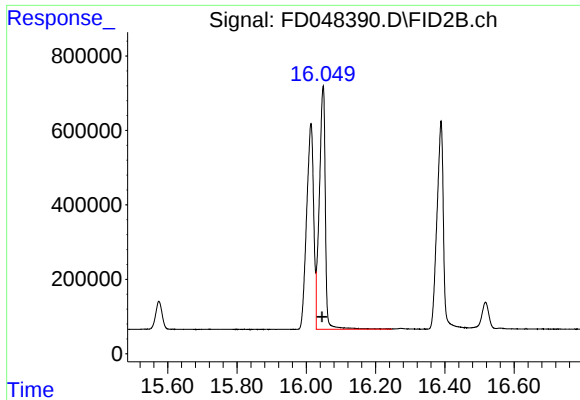
#15 Chrysene (C27.41)

R.T.: 14.508 min
Delta R.T.: -0.002 min
Response: 7794559
Conc: 47.32 ug/ml



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

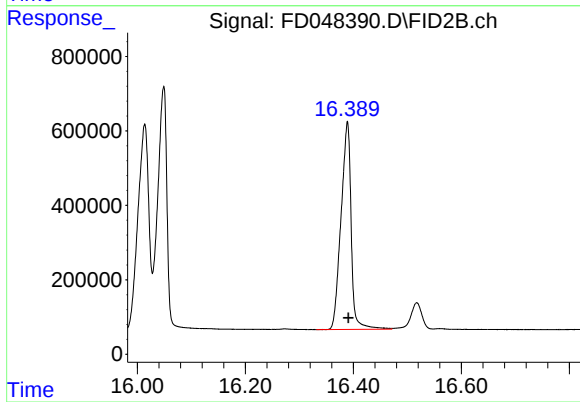
R.T.: 16.013 min
Delta R.T.: -0.002 min
Response: 7780506
Conc: 52.37 ug/ml



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

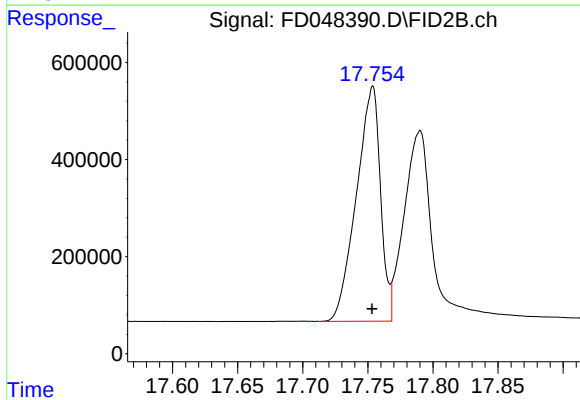
R.T.: 16.048 min
Delta R.T.: 0.002 min
Response: 7888447
Conc: 51.22 ug/ml

Instrument :
FID_D
ClientSampleId :



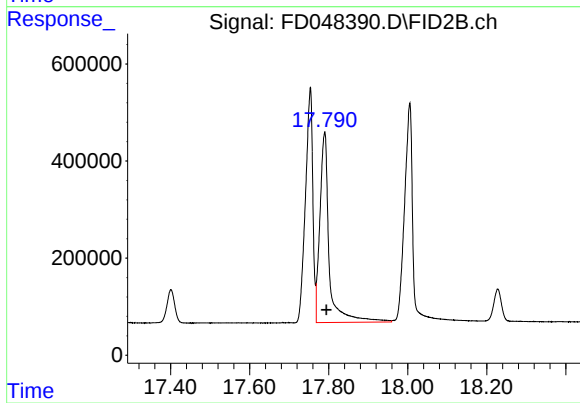
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.388 min
Delta R.T.: -0.002 min
Response: 7283223
Conc: 49.23 ug/ml



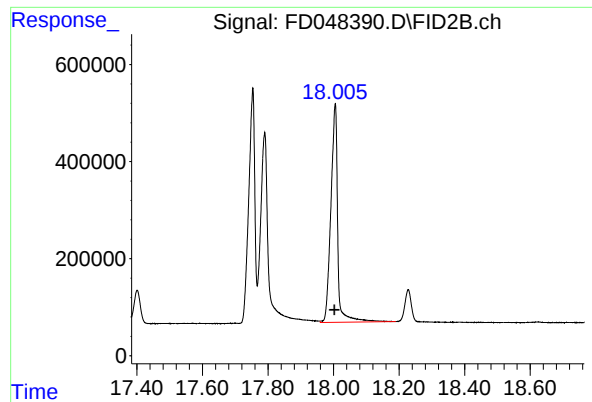
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: 0.000 min
Response: 6231348
Conc: 55.15 ug/ml



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

R.T.: 17.789 min
Delta R.T.: -0.005 min
Response: 6424890
Conc: 42.10 ug/ml



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

R.T.: 18.004 min
Delta R.T.: 0.001 min
Response: 6544088
Conc: 44.40 ug/ml

Instrument :

FID_D

ClientSampleId :