

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100424AR\
 Data File : FD048421.D
 Signal(s) : FID2B.ch
 Acq On : 04 Oct 2024 18:13
 Operator : YP/AJ
 Sample : PB163900BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163900BSD

Integration File: autoint1.e
 Quant Time: Oct 05 03:42:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.381	7907716	47.761 ug/ml
Spiked Amount 50.000		Recovery =	95.52%
6) S 2-Fluorobiphenyl (SURR)	8.231	5149634	49.657 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.31%
11) S ortho-Terphenyl (SURR)	11.267	7319336	39.780 ug/ml
Spiked Amount 50.000		Recovery =	79.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.204	6814340	38.882 ug/ml
2) T Naphthalene (C11.7)	5.721	7697990	41.229 ug/ml
3) T 2-Methylnaphthalene (...)	6.768	7191250	38.051 ug/ml
5) T Acenaphthylene (C15.06)	8.034	7713811	40.209 ug/ml
7) T Acenaphthene (C15.5)	8.329	8329845	44.037 ug/ml
8) T Fluorene (C16.55)	9.108	8419648	46.601 ug/ml
9) T Phenanthrene (C19.36)	10.495	8639258	48.746 ug/ml
10) T Anthracene (C19.43)	10.572	8771451	49.294 ug/ml
12) T Fluoranthene (C21.85)	12.300	9080217	50.202 ug/ml
13) T Pyrene (C20.8)	12.595	9592837	53.571 ug/ml
14) T Benzo[a]anthracene (C...	14.464	8469707	52.997 ug/ml
15) T Chrysene (C27.41)	14.507	8492091	45.527 ug/ml
16) T benzo[b]fluoranthene ...	16.010	8375334	50.290 ug/ml
17) T Bnezo[k]fluoranthene ...	16.045	8351048	49.197 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	7975711	48.798 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.754	8148899	61.950 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	7810149	46.674 ug/ml
21) T Benzo[g,h,i]perylene ...	18.004	7550809	46.488 ug/ml

(f)=RT Delta > 1/2 Window

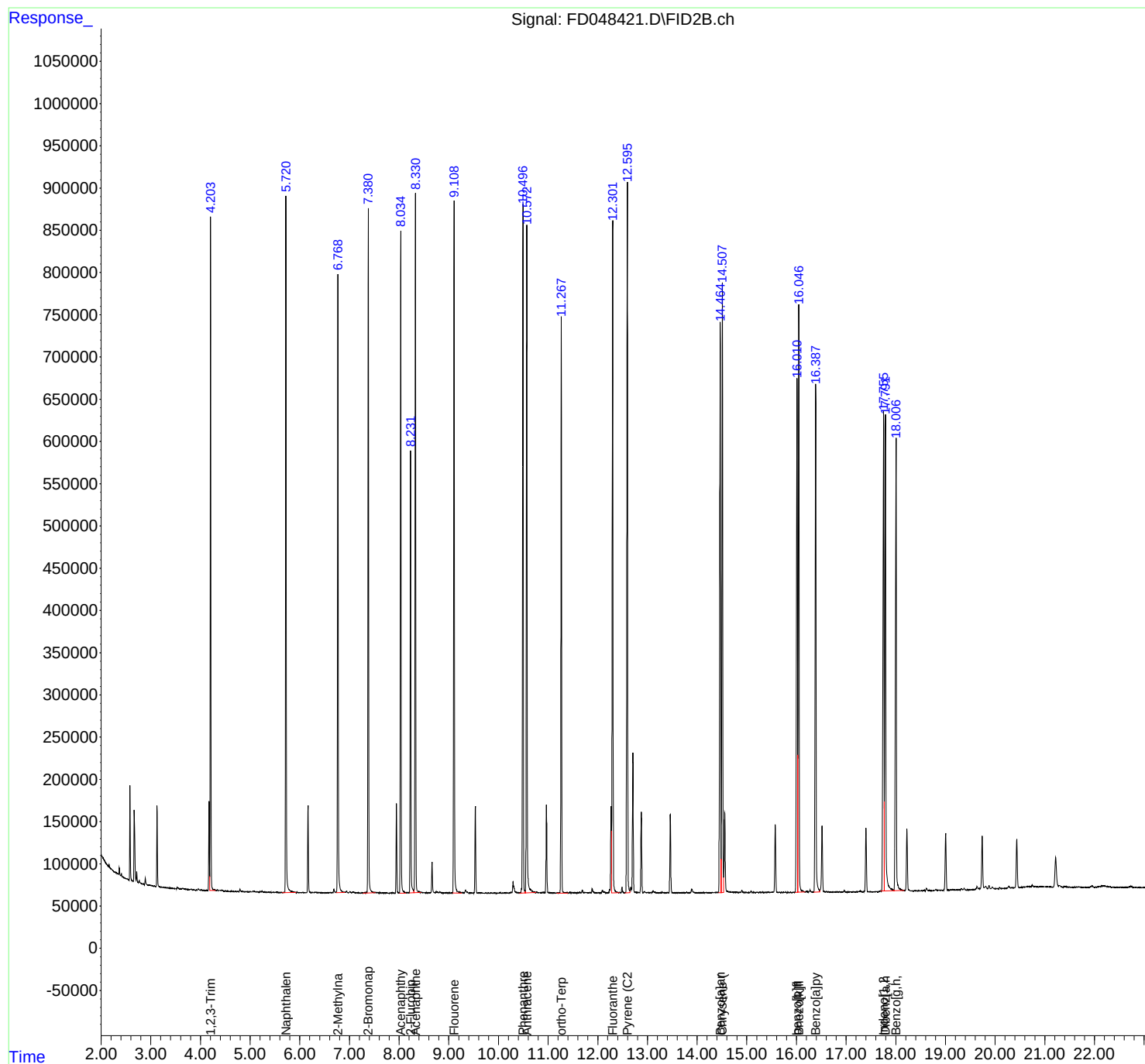
(m)=manual int.

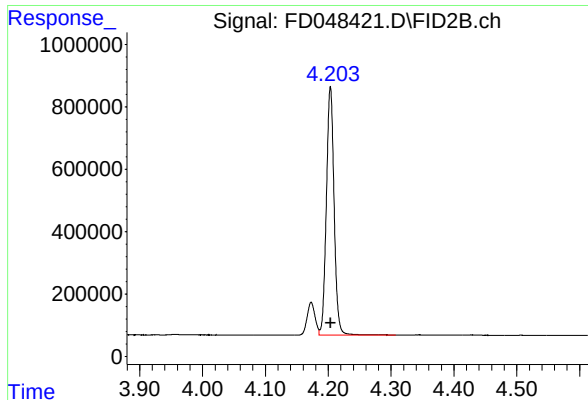
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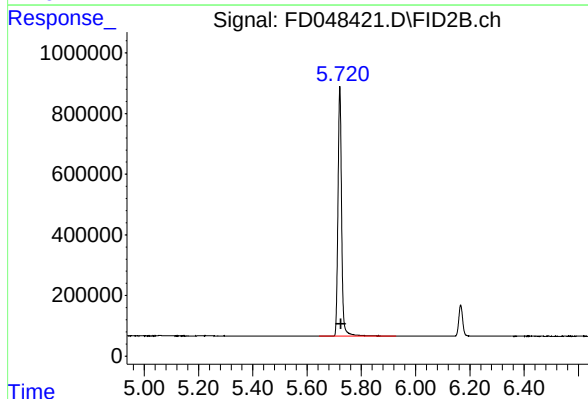




#1 1,2,3-Trimethylbenzene (C10.1)

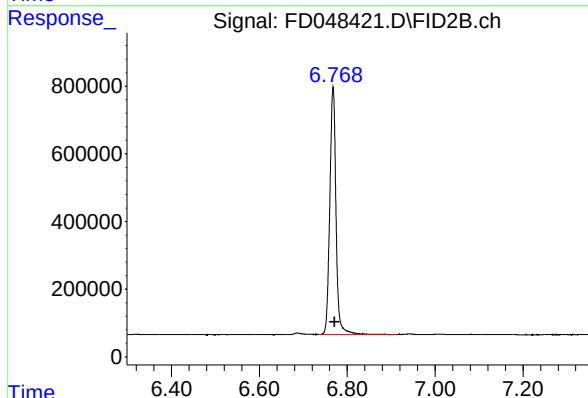
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 6814340
Conc: 38.88 ug/ml

Instrument :
FID_D
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PB163900BSD



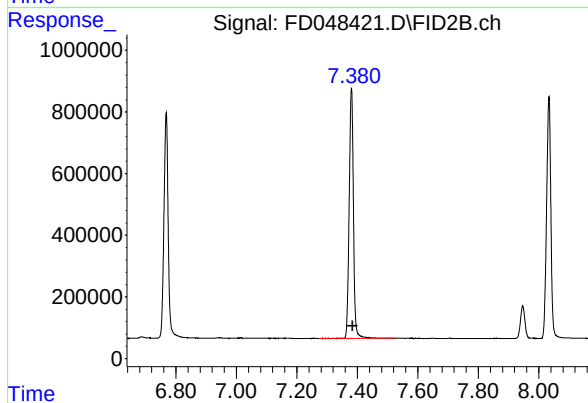
#2 Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: -0.004 min
Response: 7697990
Conc: 41.23 ug/ml



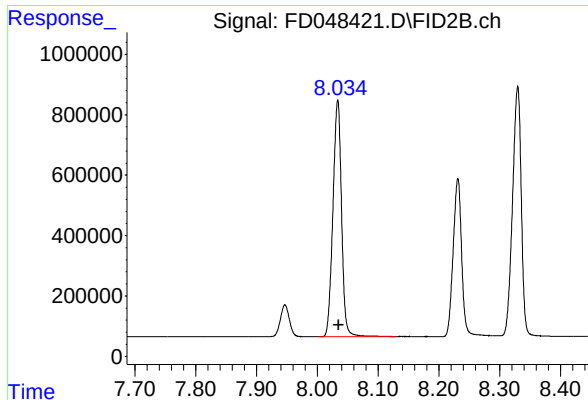
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.768 min
Delta R.T.: -0.004 min
Response: 7191250
Conc: 38.05 ug/ml



#4 2-Bromonaphthalene (SURR)

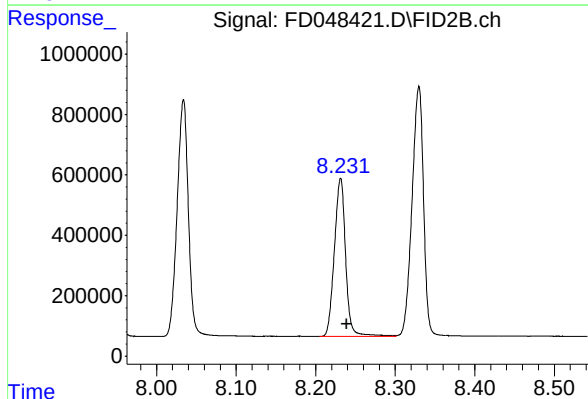
R.T.: 7.381 min
Delta R.T.: -0.004 min
Response: 7907716
Conc: 47.76 ug/ml



#5 Acenaphthylene (C15.06)

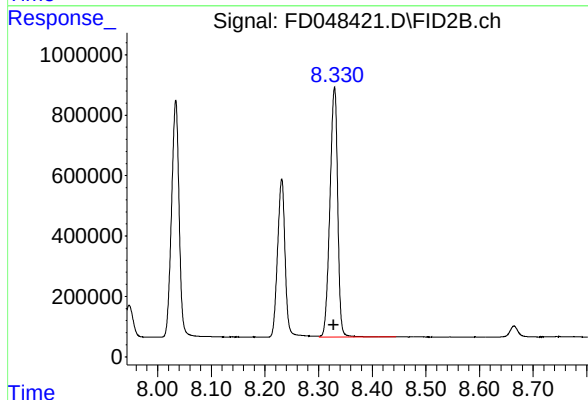
R.T.: 8.034 min
Delta R.T.: -0.002 min
Response: 7713811
Conc: 40.21 ug/ml

Instrument :
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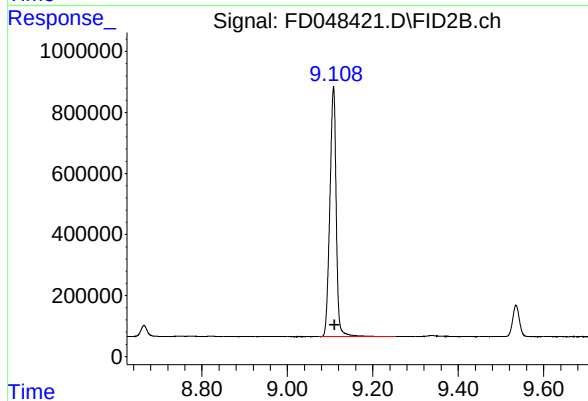
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.008 min
Response: 5149634
Conc: 49.66 ug/ml



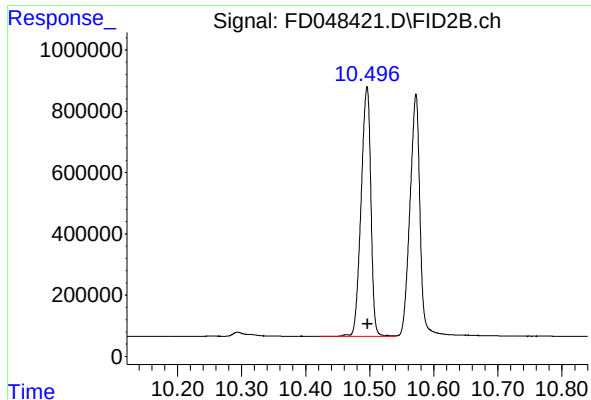
#7 Acenaphthene (C15.5)

R.T.: 8.329 min
Delta R.T.: 0.002 min
Response: 8329845
Conc: 44.04 ug/ml



#8 Fluorene (C16.55)

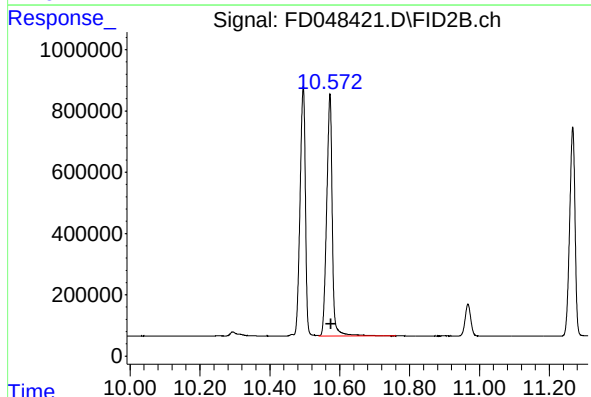
R.T.: 9.108 min
Delta R.T.: -0.003 min
Response: 8419648
Conc: 46.60 ug/ml



#9 Phenanthrene (C19.36)

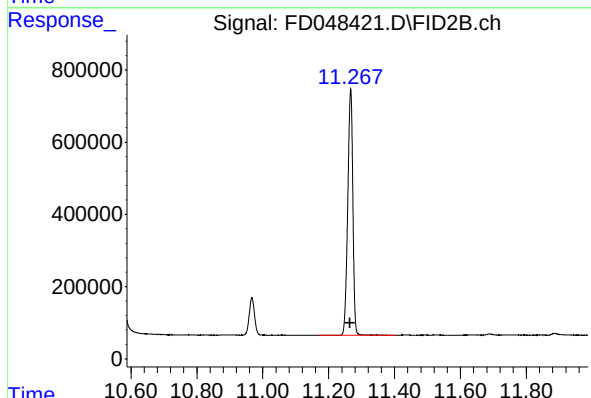
R.T.: 10.495 min
Delta R.T.: -0.002 min
Response: 8639258
Conc: 48.75 ug/ml

Instrument :
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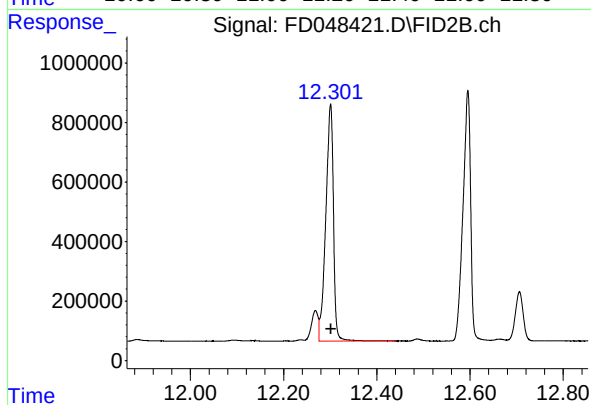
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: -0.004 min
Response: 8771451
Conc: 49.29 ug/ml



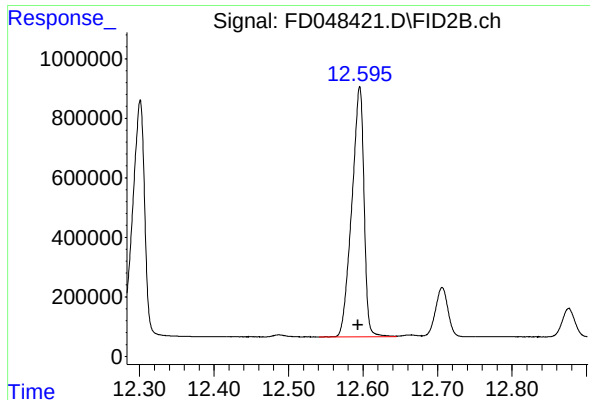
#11 ortho-Terphenyl (SURR)

R.T.: 11.267 min
Delta R.T.: 0.001 min
Response: 7319336
Conc: 39.78 ug/ml



#12 Fluoranthene (C21.85)

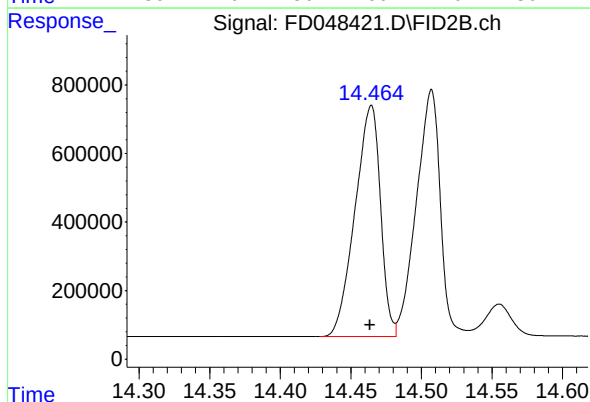
R.T.: 12.300 min
Delta R.T.: -0.001 min
Response: 9080217
Conc: 50.20 ug/ml



#13 Pyrene (C20.8)

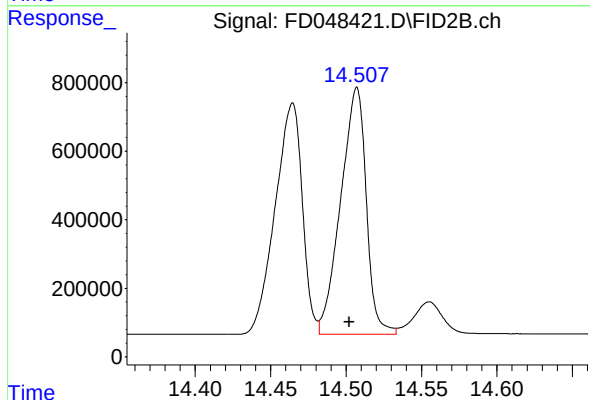
R.T.: 12.595 min
Delta R.T.: 0.001 min
Response: 9592837
Conc: 53.57 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163900BSD



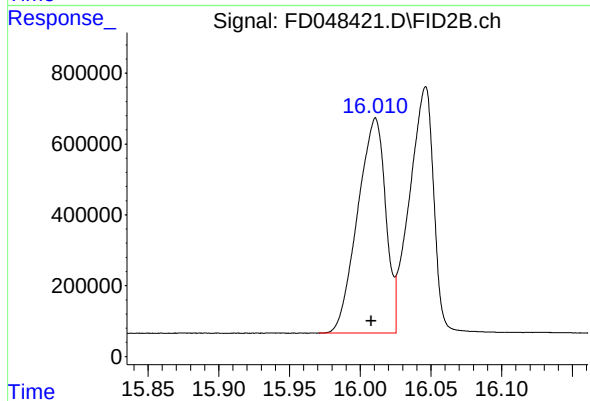
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: 0.000 min
Response: 8469707
Conc: 53.00 ug/ml



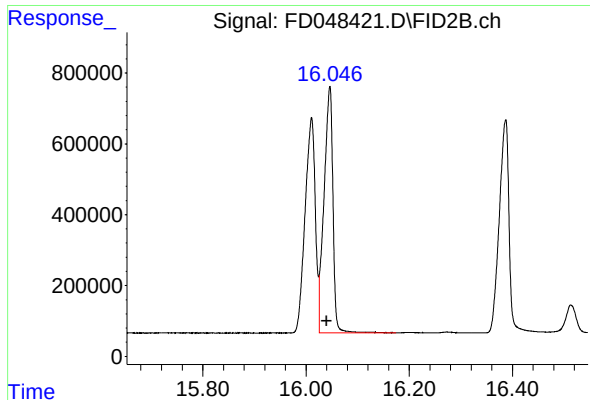
#15 Chrysene (C27.41)

R.T.: 14.507 min
Delta R.T.: 0.005 min
Response: 8492091
Conc: 45.53 ug/ml



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

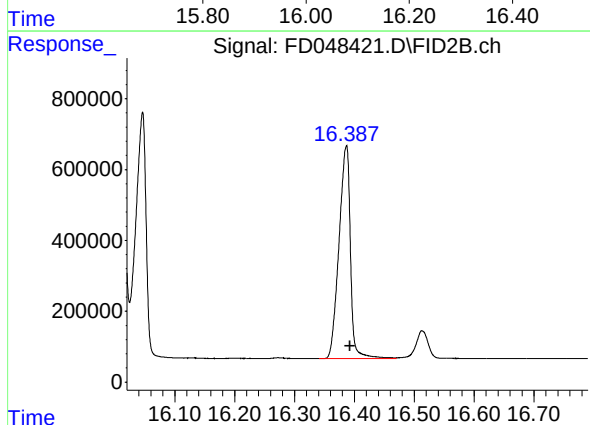
R.T.: 16.010 min
Delta R.T.: 0.002 min
Response: 8375334
Conc: 50.29 ug/ml



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

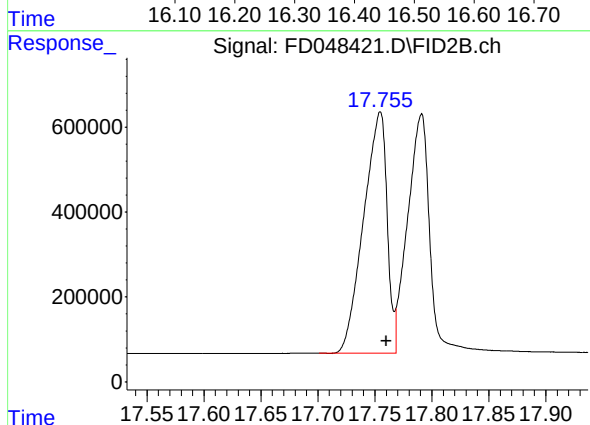
R.T.: 16.045 min
Delta R.T.: 0.005 min
Response: 8351048
Conc: 49.20 ug/ml

Instrument :
FID_D
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PB163900BSD



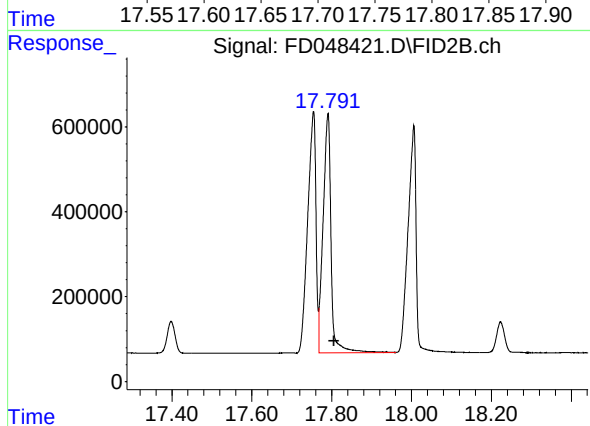
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.007 min
Response: 7975711
Conc: 48.80 ug/ml



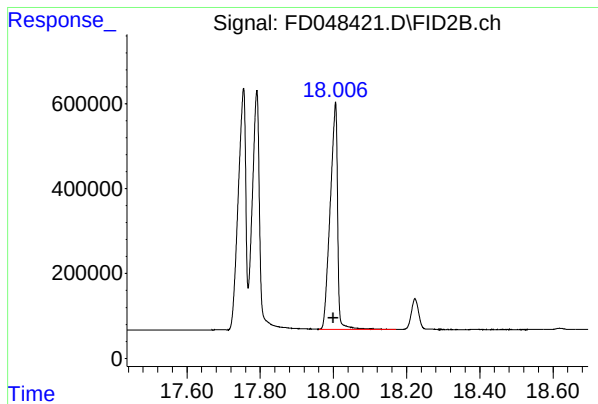
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.754 min
Delta R.T.: -0.006 min
Response: 8148899
Conc: 61.95 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.016 min
Response: 7810149
Conc: 46.67 ug/ml



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

R.T.: 18.004 min

Delta R.T.: 0.004 min

Response: 7550809

Conc: 46.49 ug/ml

Instrument :

FID_D

ClientSampleId :

PB163900BSD