

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092724AR\
 Data File : FD048391.D
 Signal(s) : FID2B.ch
 Acq On : 27 Sep 2024 18:29
 Operator : YP/AJ
 Sample : PB163739BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163739BSD

Integration File: autoint1.e
 Quant Time: Sep 28 03:26:58 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	7510861	49.524 ug/ml
Spiked Amount 50.000		Recovery =	99.05%
6) S 2-Fluorobiphenyl (SURR)	8.233	4888100	51.158 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.32%
11) S ortho-Terphenyl (SURR)	11.269	6995574	40.774 ug/ml
Spiked Amount 50.000		Recovery =	81.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	6724209	38.117 ug/ml
2) T Naphthalene (C11.7)	5.723	7410271	40.977 ug/ml
3) T 2-Methylnaphthalene (...)	6.770	6908857	38.617 ug/ml
5) T Acenaphthylene (C15.06)	8.036	7329117	41.949 ug/ml
7) T Acenaphthene (C15.5)	8.331	8017811	45.081 ug/ml
8) T Fluorene (C16.55)	9.109	7922817	47.315 ug/ml
9) T Phenanthrene (C19.36)	10.498	7987130	49.472 ug/ml
10) T Anthracene (C19.43)	10.573	8071868	50.725 ug/ml
12) T Fluoranthene (C21.85)	12.303	9344370	57.641 ug/ml
13) T Pyrene (C20.8)	12.597	8879184	55.378 ug/ml
14) T Benzo[a]anthracene (C...	14.465	7688690	54.889 ug/ml
15) T Chrysene (C27.41)	14.508	7806450	47.393 ug/ml
16) T benzo[b]fluoranthene ...	16.012	7810806	52.571 ug/ml
17) T Bnezo[k]fluoranthene ...	16.048	7892383	51.244 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.388	7404966	50.050 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.753	6691337	59.219 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	7074846	46.358 ug/ml
21) T Benzo[g,h,i]perylene ...	18.005	6900261	46.812 ug/ml

(f)=RT Delta > 1/2 Window

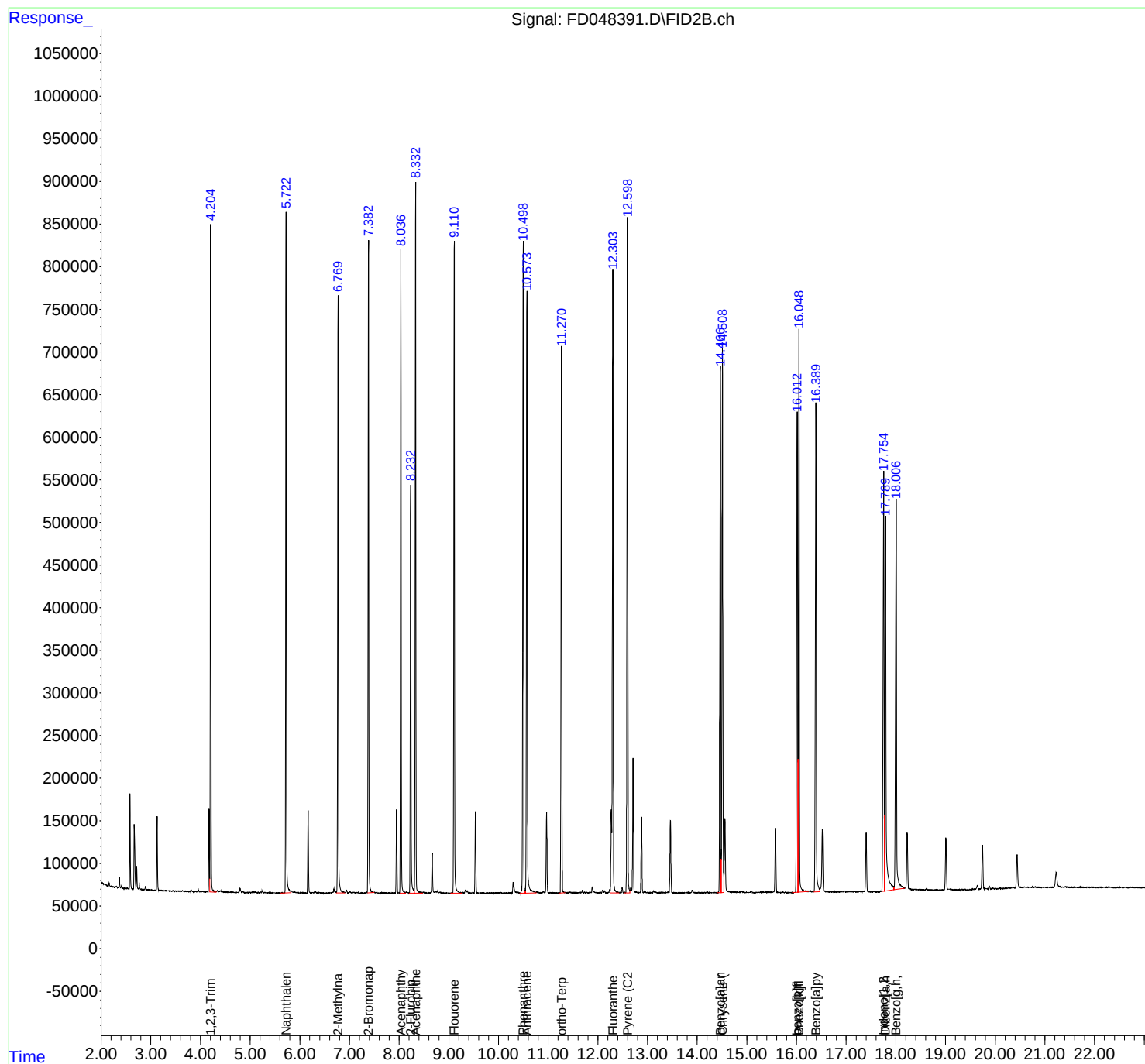
(m)=manual int.

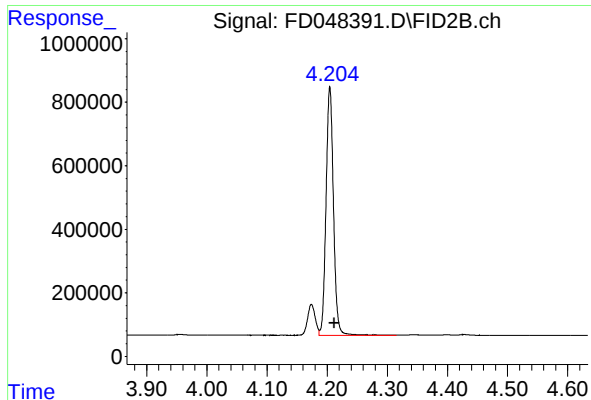
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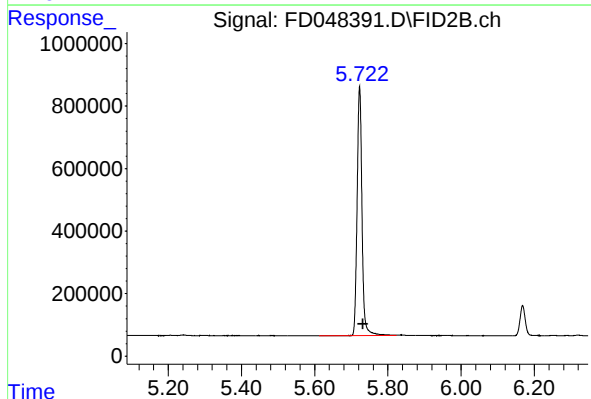




#1 1,2,3-Trimethylbenzene (C10.1)

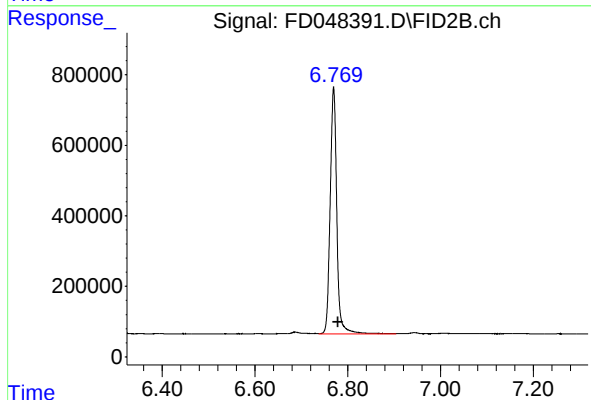
R.T.: 4.205 min
Delta R.T.: -0.007 min
Response: 6724209
Conc: 38.12 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163739BSD



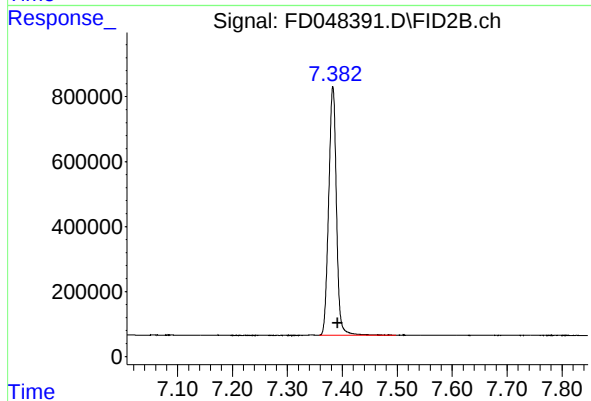
#2 Naphthalene (C11.7)

R.T.: 5.723 min
Delta R.T.: -0.009 min
Response: 7410271
Conc: 40.98 ug/ml



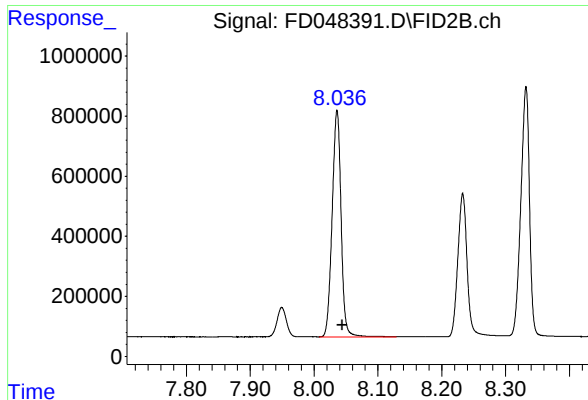
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.770 min
Delta R.T.: -0.009 min
Response: 6908857
Conc: 38.62 ug/ml



#4 2-Bromonaphthalene (SURR)

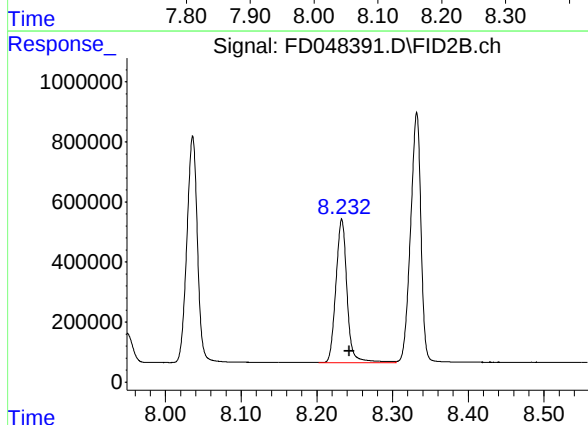
R.T.: 7.383 min
Delta R.T.: -0.009 min
Response: 7510861
Conc: 49.52 ug/ml



#5 Acenaphthylene (C15.06)

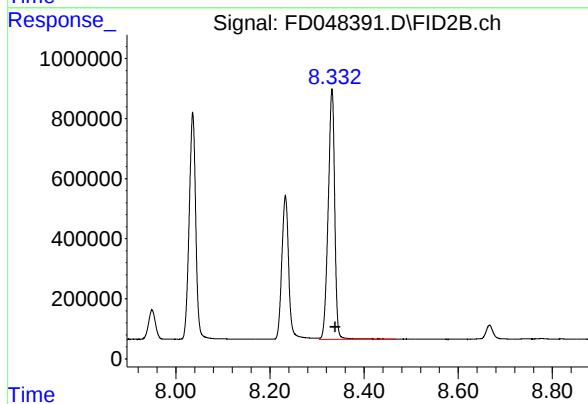
R.T.: 8.036 min
Delta R.T.: -0.009 min
Response: 7329117
Conc: 41.95 ug/ml

Instrument :
FID_D
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PB163739BSD



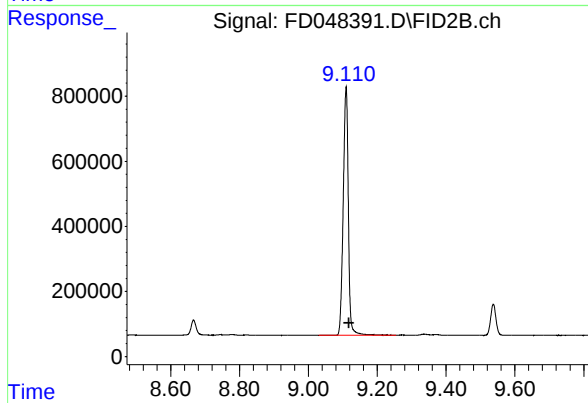
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.233 min
Delta R.T.: -0.010 min
Response: 4888100
Conc: 51.16 ug/ml



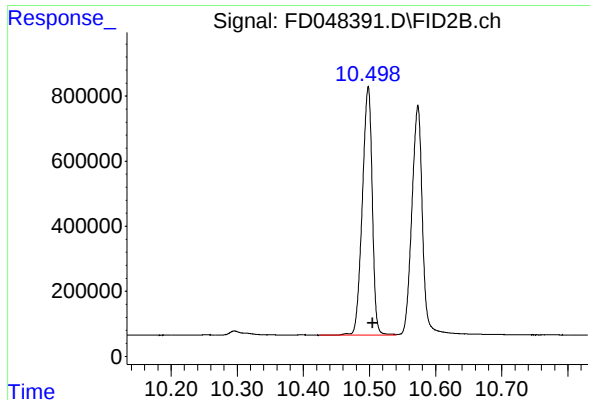
#7 Acenaphthene (C15.5)

R.T.: 8.331 min
Delta R.T.: -0.008 min
Response: 8017811
Conc: 45.08 ug/ml



#8 Flouorene (C16.55)

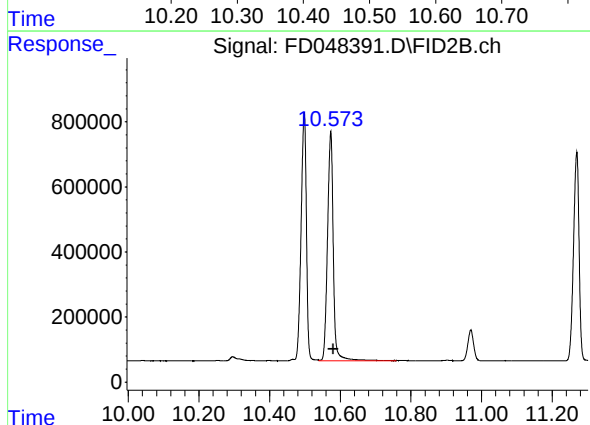
R.T.: 9.109 min
Delta R.T.: -0.008 min
Response: 7922817
Conc: 47.31 ug/ml



#9 Phenanthrene (C19.36)

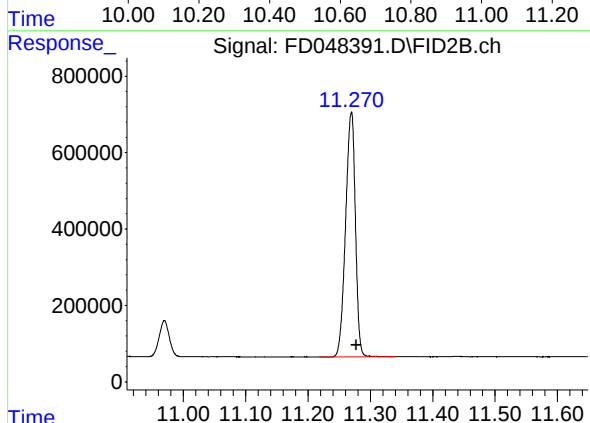
R.T.: 10.498 min
Delta R.T.: -0.007 min
Response: 7987130
Conc: 49.47 ug/ml

Instrument :
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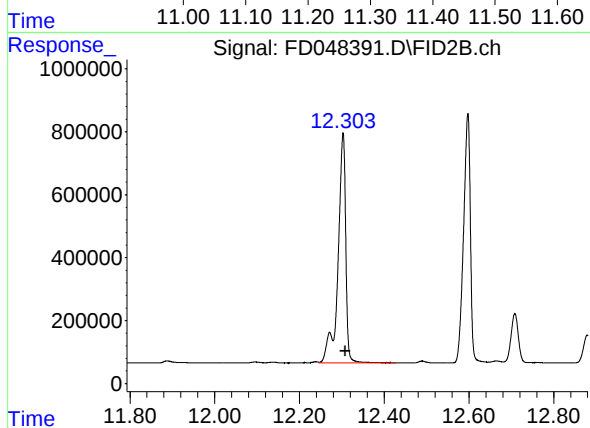
#10 Anthracene (C19.43)

R.T.: 10.573 min
Delta R.T.: -0.007 min
Response: 8071868
Conc: 50.73 ug/ml



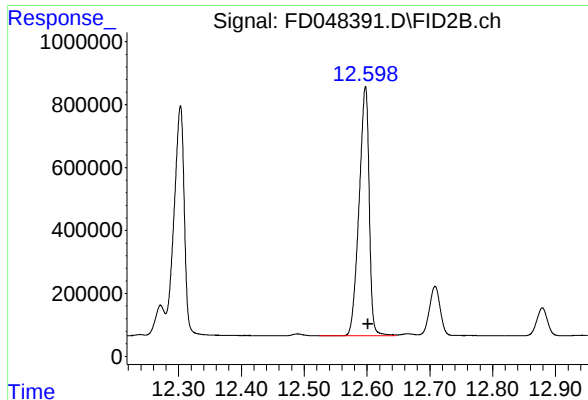
#11 ortho-Terphenyl (SURR)

R.T.: 11.269 min
Delta R.T.: -0.008 min
Response: 6995574
Conc: 40.77 ug/ml



#12 Fluoranthene (C21.85)

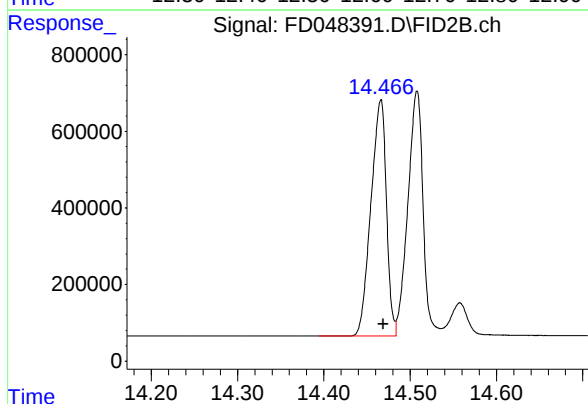
R.T.: 12.303 min
Delta R.T.: -0.006 min
Response: 9344370
Conc: 57.64 ug/ml



#13 Pyrene (C20.8)

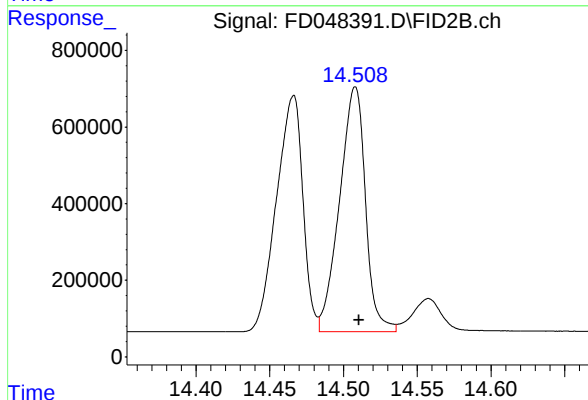
R.T.: 12.597 min
Delta R.T.: -0.005 min
Response: 8879184
Conc: 55.38 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163739BSD



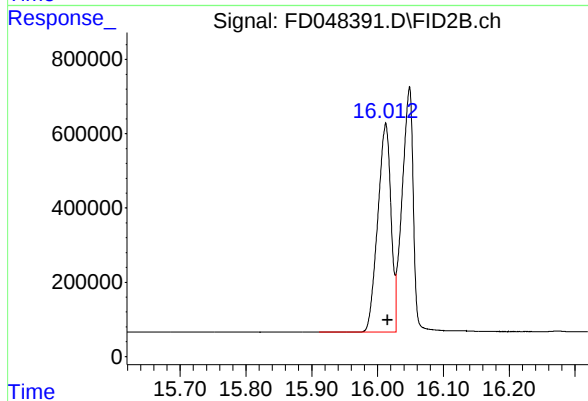
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.465 min
Delta R.T.: -0.004 min
Response: 7688690
Conc: 54.89 ug/ml



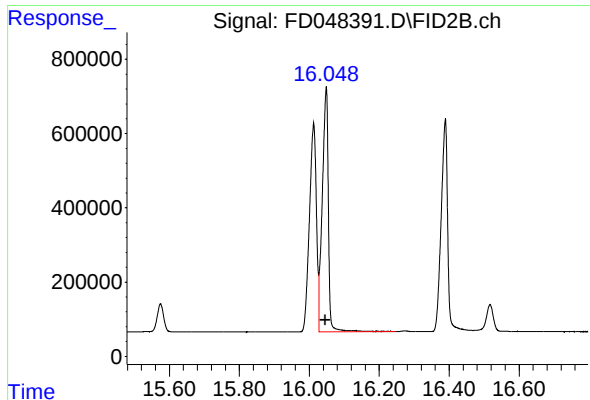
#15 Chrysene (C27.41)

R.T.: 14.508 min
Delta R.T.: -0.003 min
Response: 7806450
Conc: 47.39 ug/ml



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

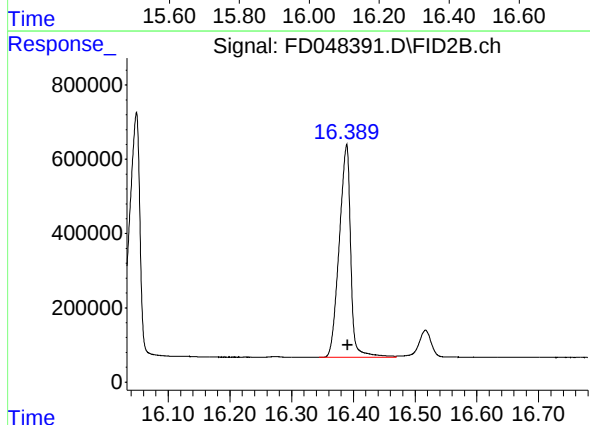
R.T.: 16.012 min
Delta R.T.: -0.003 min
Response: 7810806
Conc: 52.57 ug/ml



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

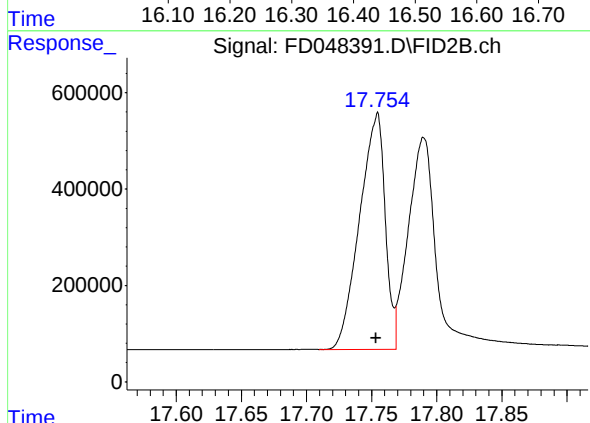
R.T.: 16.048 min
Delta R.T.: 0.001 min
Response: 7892383
Conc: 51.24 ug/ml

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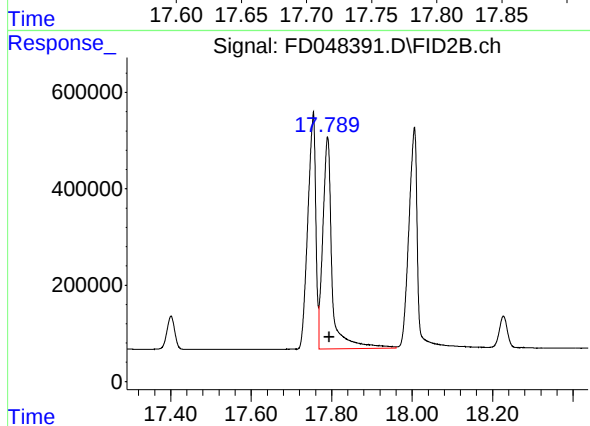
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.388 min
Delta R.T.: -0.002 min
Response: 7404966
Conc: 50.05 ug/ml



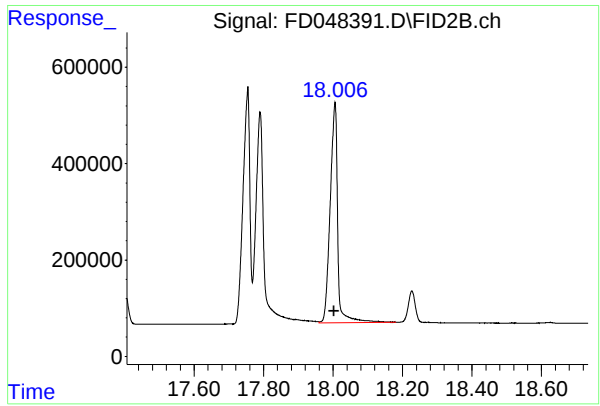
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.753 min
Delta R.T.: 0.000 min
Response: 6691337
Conc: 59.22 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.005 min
Response: 7074846
Conc: 46.36 ug/ml



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

R.T.: 18.005 min
Delta R.T.: 0.002 min
Response: 6900261
Conc: 46.81 ug/ml

Instrument :

FID_D

ClientSampleId :

PB163739BSD