

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091324AR\
 Data File : FD048304.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2024 12:49
 Operator : YP/AJ
 Sample : PB163367BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163367BS

Integration File: autoint1.e
 Quant Time: Sep 14 01:17:41 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...	7.390	8014984	52.848 ug/ml
Spiked Amount 50.000		Recovery =	105.70%
6) S 2-Fluorobiphenyl (SURR)	8.241	5013541	52.471 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.94%
11) S ortho-Terphenyl (SURR)	11.276	7306954	42.589 ug/ml
Spiked Amount 50.000		Recovery =	85.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.211	6795671	38.522 ug/ml
2) T Naphthalene (C11.7)	5.729	7559419	41.802 ug/ml
3) T 2-Methylnaphthalene (...)	6.777	7704372	43.063 ug/ml
5) T Acenaphthylene (C15.06)	8.044	7988733	45.724 ug/ml
7) T Acenaphthene (C15.5)	8.339	8036537	45.186 ug/ml
8) T Fluorene (C16.55)	9.117	8041393	48.023 ug/ml
9) T Phenanthrene (C19.36)	10.505	8077620	50.033 ug/ml
10) T Anthracene (C19.43)	10.581	7924471	49.799 ug/ml
12) T Fluoranthene (C21.85)	12.309	9588892	59.149 ug/ml
13) T Pyrene (C20.8)	12.603	8371689	52.213 ug/ml
14) T Benzo[a]anthracene (C...	14.470	7602250	54.272 ug/ml
15) T Chrysene (C27.41)	14.513	7603282	46.160 ug/ml
16) T benzo[b]fluoranthene ...	16.017	7756388	52.204 ug/ml
17) T Bnezo[k]fluoranthene ...	16.052	7860090	51.034 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.394	7430110	50.219 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.757	6613973	58.534 ug/ml
20) T Dibenz[a,h]anthracene...	17.794	6907507	45.262 ug/ml
21) T Benzo[g,h,i]perylene ...	18.008	6726719	45.635 ug/ml

(f)=RT Delta > 1/2 Window

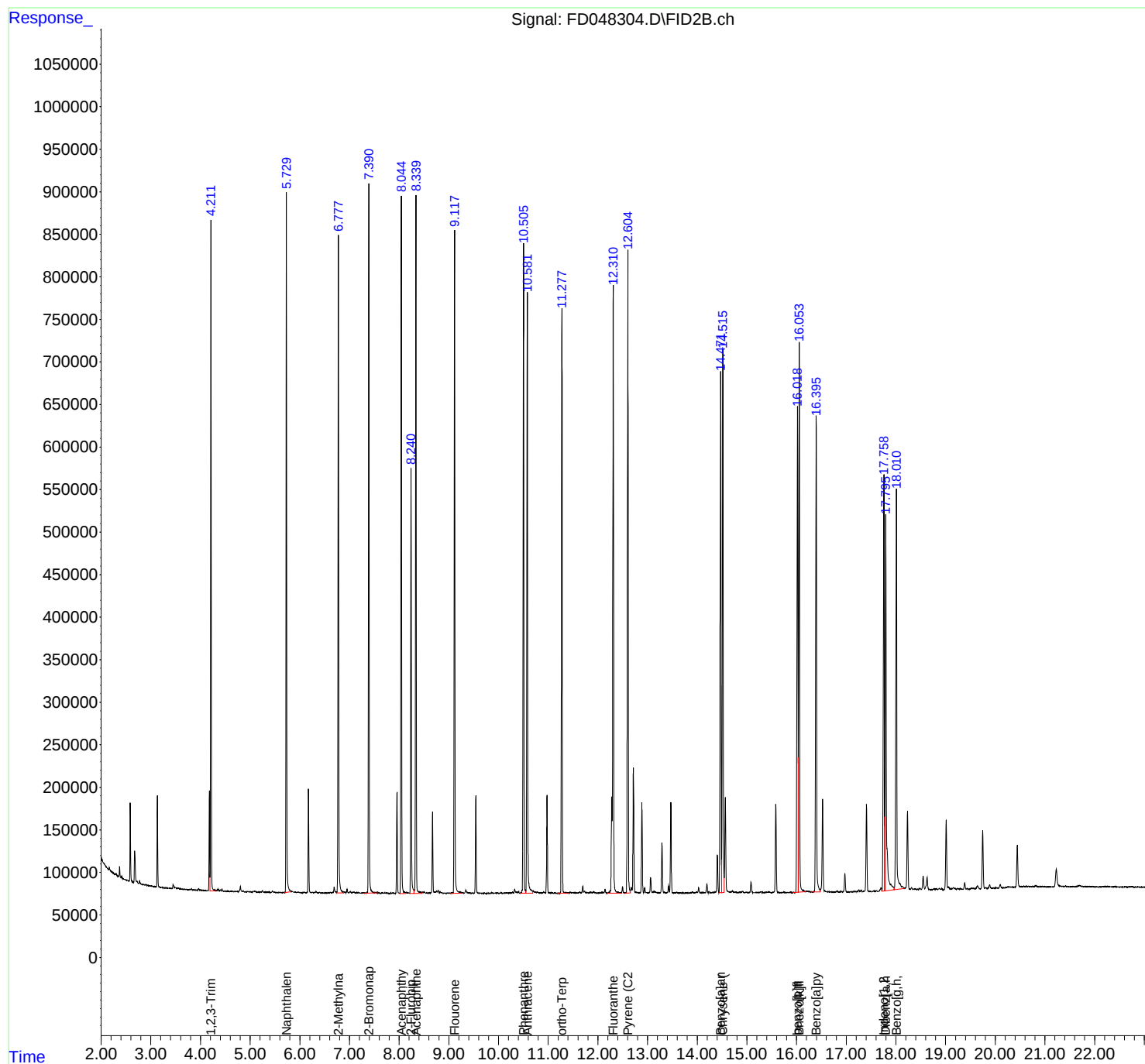
(m)=manual int.

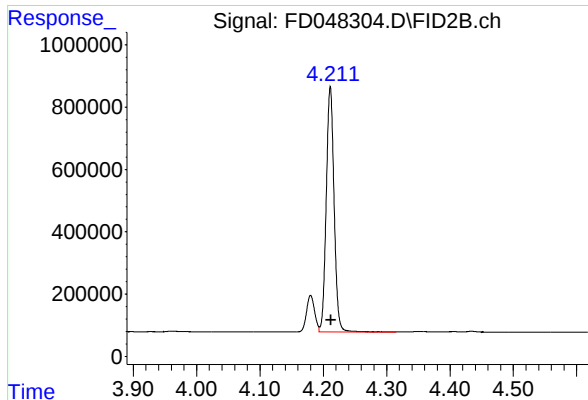
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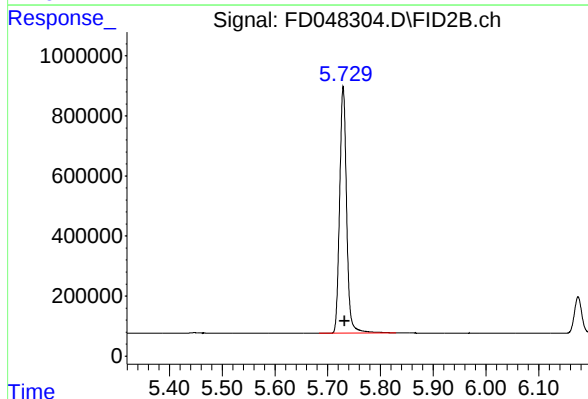




#1 1,2,3-Trimethylbenzene (C10.1)

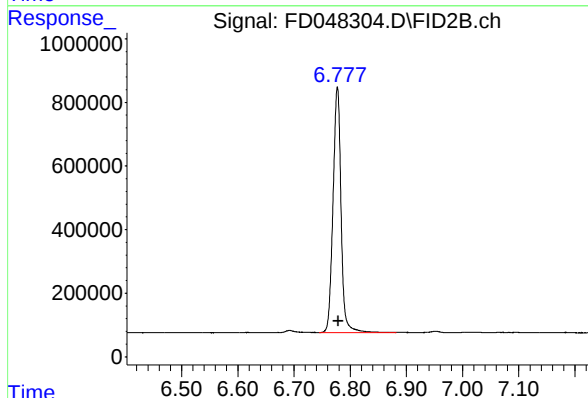
R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 6795671
Conc: 38.52 ug/ml

Instrument :
FID_D
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PB163367BS



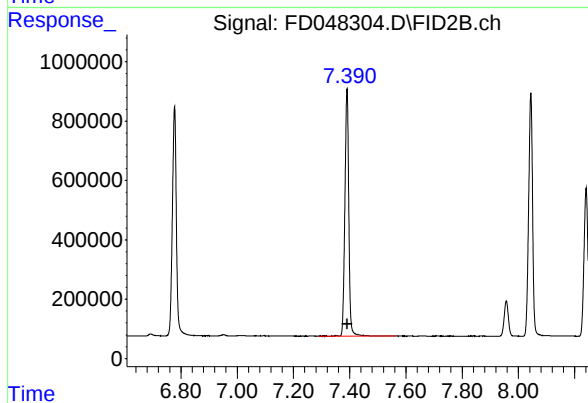
#2 Naphthalene (C11.7)

R.T.: 5.729 min
Delta R.T.: -0.003 min
Response: 7559419
Conc: 41.80 ug/ml



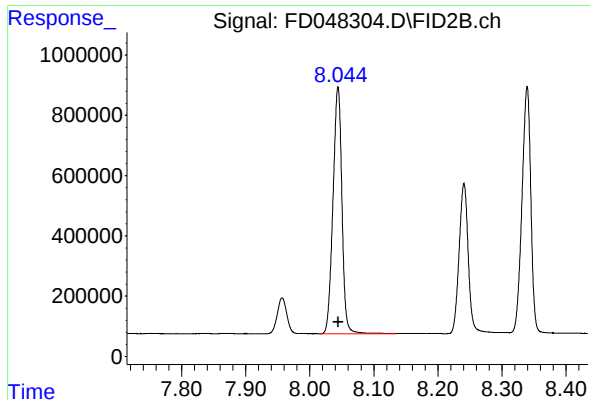
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.777 min
Delta R.T.: -0.002 min
Response: 7704372
Conc: 43.06 ug/ml



#4 2-Bromonaphthalene (SURR)

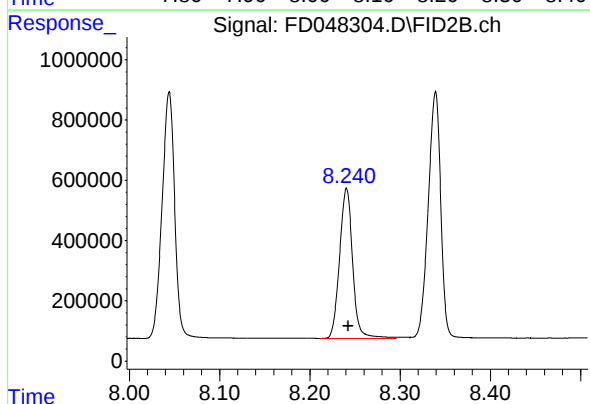
R.T.: 7.390 min
Delta R.T.: -0.001 min
Response: 8014984
Conc: 52.85 ug/ml



#5 Acenaphthylene (C15.06)

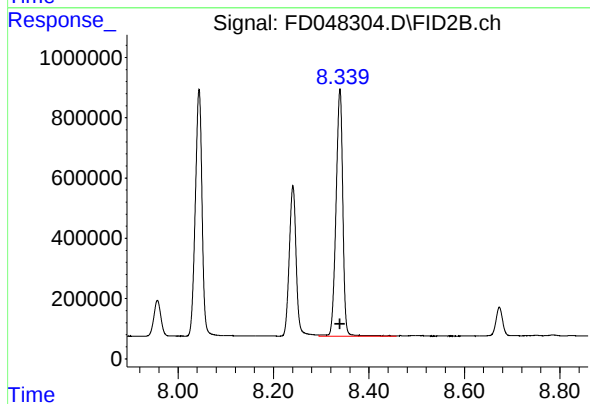
R.T.: 8.044 min
Delta R.T.: 0.000 min
Response: 7988733
Conc: 45.72 ug/ml

Instrument :
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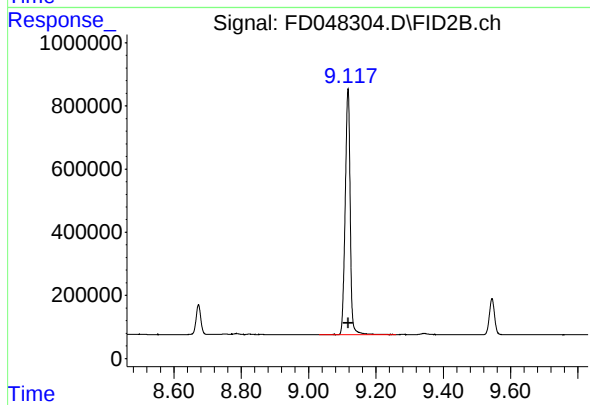
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.241 min
Delta R.T.: -0.002 min
Response: 5013541
Conc: 52.47 ug/ml



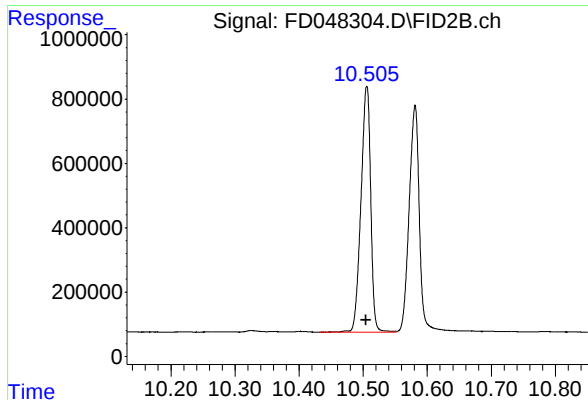
#7 Acenaphthene (C15.5)

R.T.: 8.339 min
Delta R.T.: 0.000 min
Response: 8036537
Conc: 45.19 ug/ml



#8 Flouorene (C16.55)

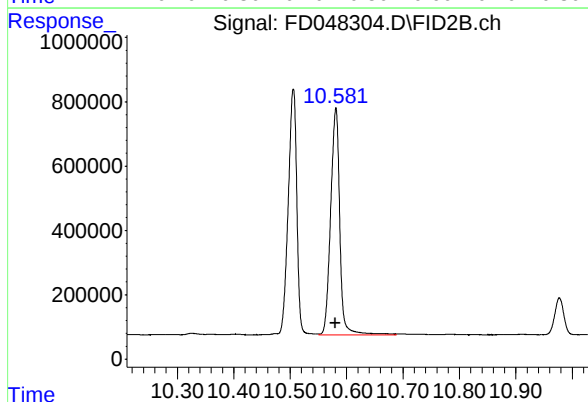
R.T.: 9.117 min
Delta R.T.: 0.000 min
Response: 8041393
Conc: 48.02 ug/ml



#9 Phenanthrene (C19.36)

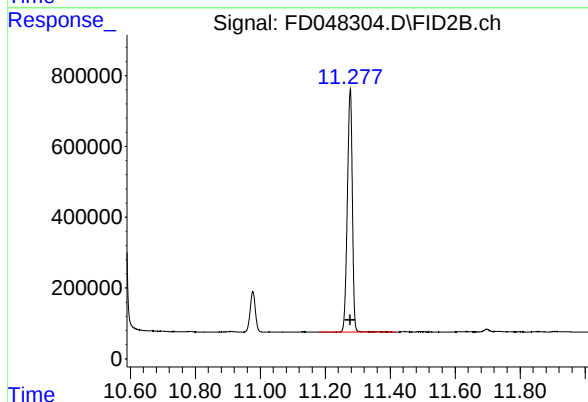
R.T.: 10.505 min
Delta R.T.: 0.000 min
Response: 8077620
Conc: 50.03 ug/ml

Instrument :
FID_D
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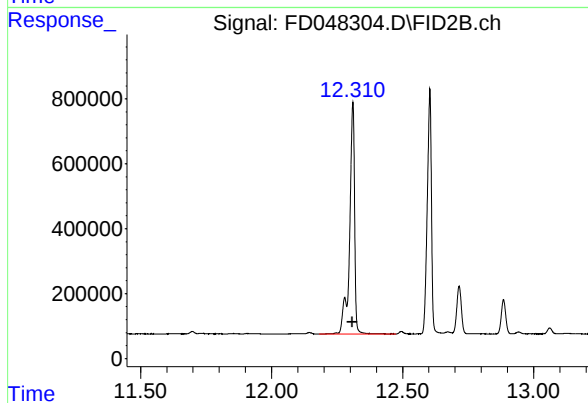
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: 0.000 min
Response: 7924471
Conc: 49.80 ug/ml



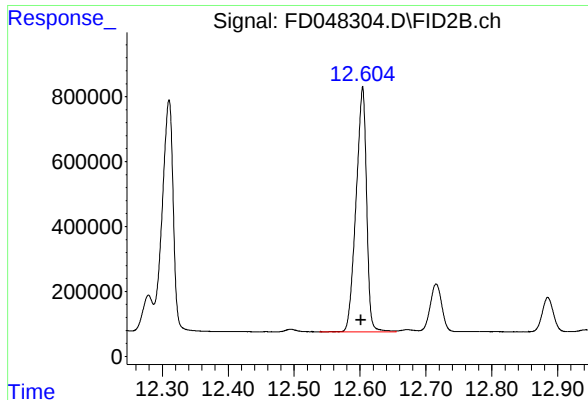
#11 ortho-Terphenyl (SURRE)

R.T.: 11.276 min
Delta R.T.: -0.001 min
Response: 7306954
Conc: 42.59 ug/ml



#12 Fluoranthene (C21.85)

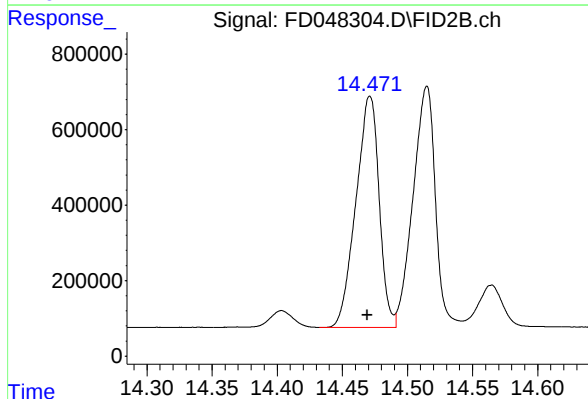
R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 9588892
Conc: 59.15 ug/ml



#13 Pyrene (C20.8)

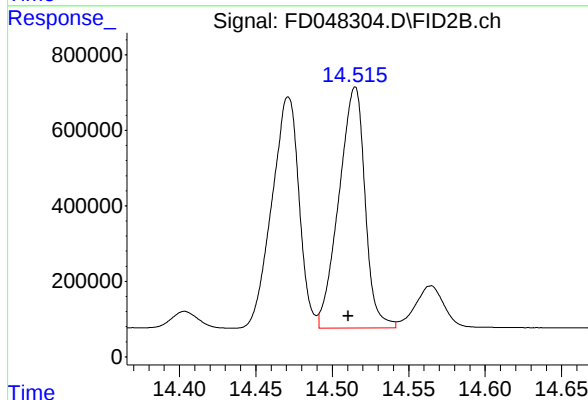
R.T.: 12.603 min
Delta R.T.: 0.000 min
Response: 8371689
Conc: 52.21 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163367BS



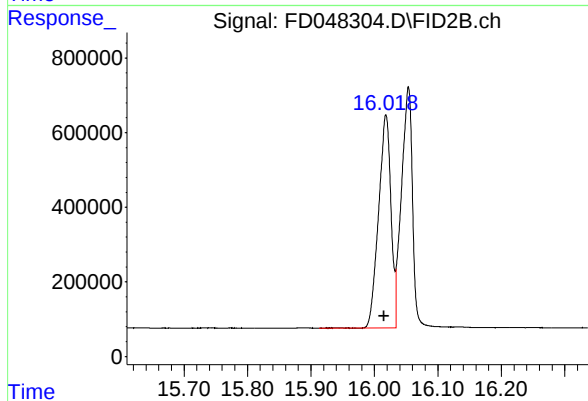
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.470 min
Delta R.T.: 0.000 min
Response: 7602250
Conc: 54.27 ug/ml



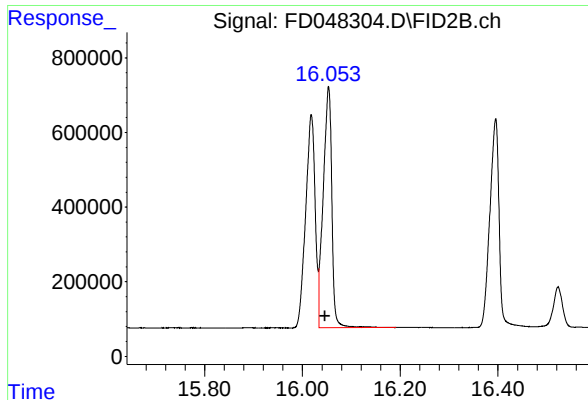
#15 Chrysene (C27.41)

R.T.: 14.513 min
Delta R.T.: 0.003 min
Response: 7603282
Conc: 46.16 ug/ml



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

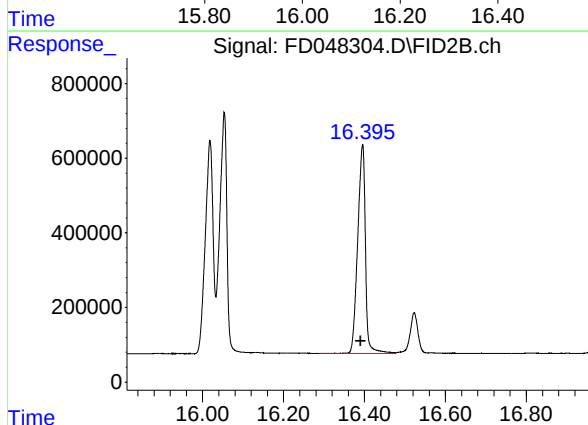
R.T.: 16.017 min
Delta R.T.: 0.002 min
Response: 7756388
Conc: 52.20 ug/ml



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

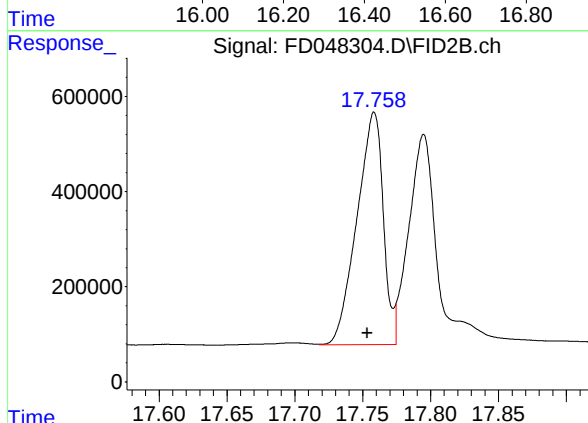
R.T.: 16.052 min
Delta R.T.: 0.006 min
Response: 7860090
Conc: 51.03 ug/ml

Instrument :
FID_D
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PB163367BS



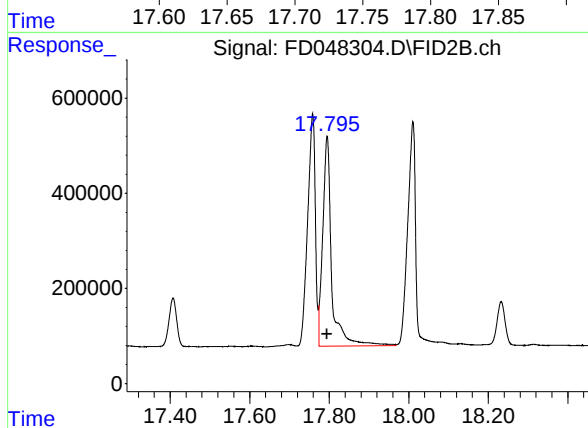
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: 0.003 min
Response: 7430110
Conc: 50.22 ug/ml



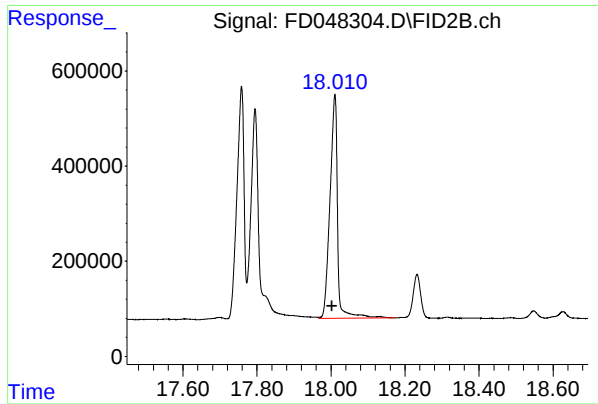
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.757 min
Delta R.T.: 0.003 min
Response: 6613973
Conc: 58.53 ug/ml



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

R.T.: 17.794 min
Delta R.T.: 0.000 min
Response: 6907507
Conc: 45.26 ug/ml



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

R.T.: 18.008 min

Delta R.T.: 0.005 min

Response: 6726719

Conc: 45.64 ug/ml

Instrument :

FID_D

ClientSampleId :

PB163367BS