

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047699.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 12:33
 Operator : YP/AJ
 Sample : P2415-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 11 00:54:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.463	7105775	45.309 ug/ml
Spiked Amount 50.000		Recovery =	90.62%
6) S 2-Fluorobiphenyl (SURR)	8.317	4331862	41.413 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.83%
11) S ortho-Terphenyl (SURR)	11.358	6347978	33.850 ug/ml
Spiked Amount 50.000		Recovery =	67.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	5412161	33.475 ug/ml
2) T Naphthalene (C11.7)	5.800	6349455	37.525 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	6531554	38.344 ug/ml
5) T Acenaphthylene (C15.06)	8.120	6943878	42.578 ug/ml
7) T Acenaphthene (C15.5)	8.416	6768299	40.265 ug/ml
8) T Fluorene (C16.55)	9.195	7089604	42.620 ug/ml
9) T Phenanthrene (C19.36)	10.587	7289238	44.523 ug/ml
10) T Anthracene (C19.43)	10.662	7228663	48.260 ug/ml
12) T Fluoranthene (C21.85)	12.395	7463273	44.977 ug/ml
13) T Pyrene (C20.8)	12.690	7565775	46.498 ug/ml
14) T Benzo[a]anthracene (C...	14.560	7019613	48.088 ug/ml
15) T Chrysene (C27.41)	14.603	6978237	44.282 ug/ml
16) T benzo[b]fluoranthene ...	16.108	6745879	45.166 ug/ml
17) T Bnezo[k]fluoranthene ...	16.108	6745879	44.808 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	6523781	45.212 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	6755854	49.778 ug/ml
20) T Dibenz[a,h]anthracene...	17.890	6383153	44.583 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	6140094	44.721 ug/ml

(f)=RT Delta > 1/2 Window

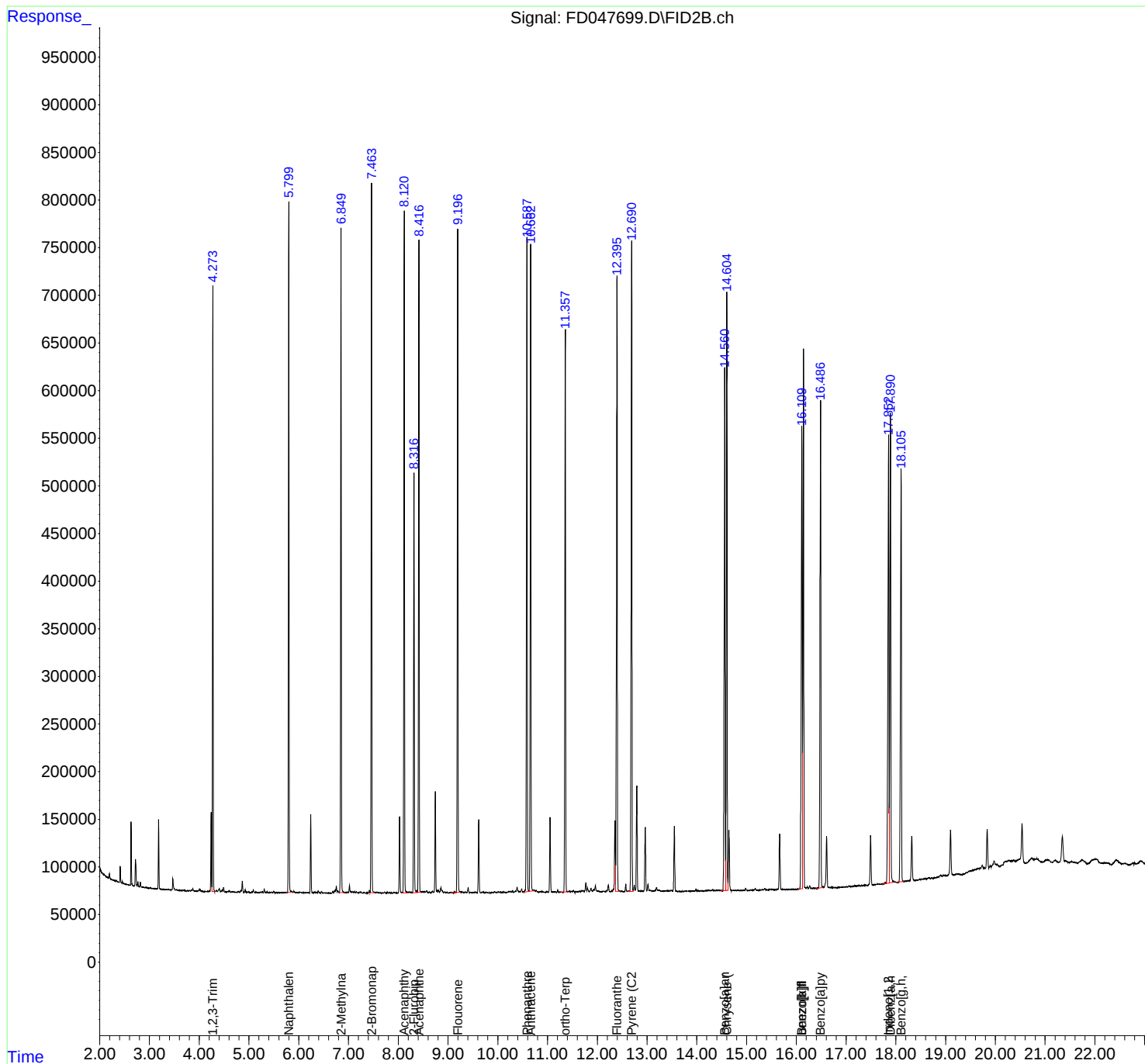
(m)=manual int.

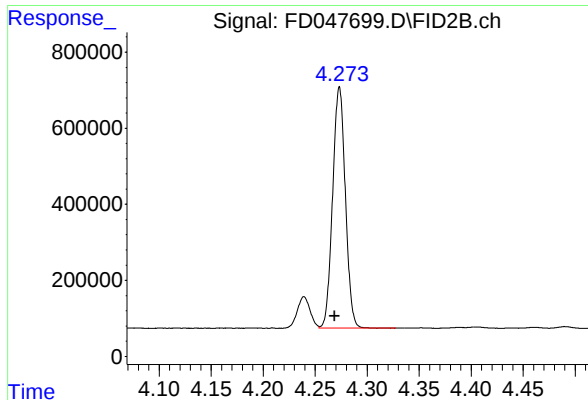
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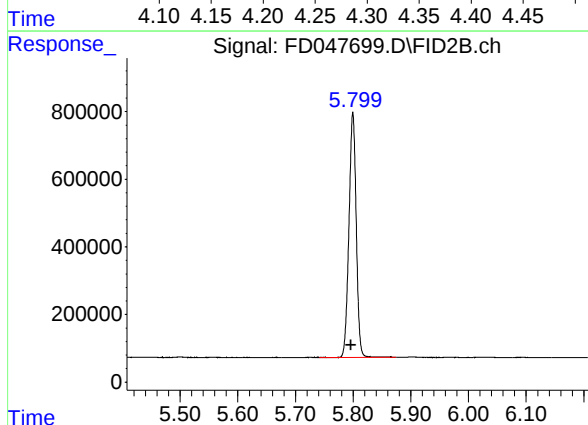




#1 1,2,3-Trimethylbenzene (C10.1)

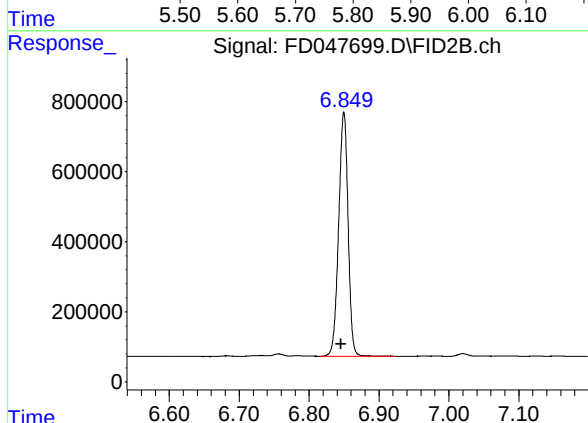
R.T.: 4.273 min
Delta R.T.: 0.004 min
Response: 5412161
Conc: 33.47 ug/ml

Instrument :
FID_D
ClientSampleId :



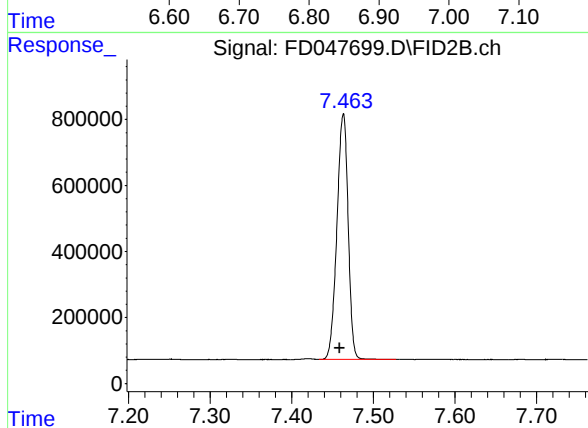
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 6349455
Conc: 37.53 ug/ml



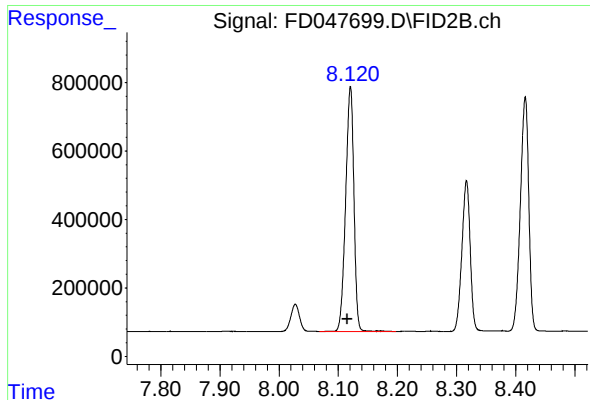
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.004 min
Response: 6531554
Conc: 38.34 ug/ml



#4 2-Bromonaphthalene (SURR)

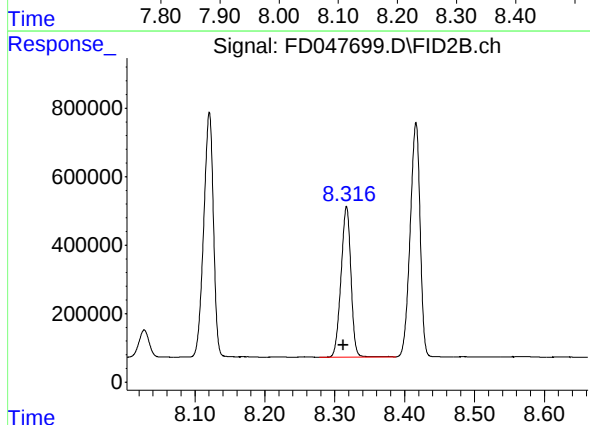
R.T.: 7.463 min
Delta R.T.: 0.005 min
Response: 7105775
Conc: 45.31 ug/ml



#5 Acenaphthylene (C15.06)

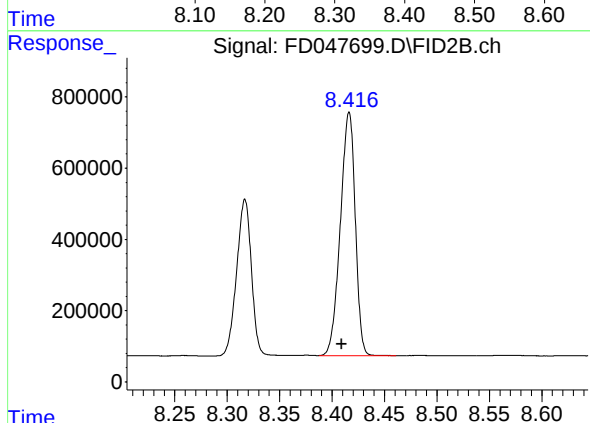
R.T.: 8.120 min
Delta R.T.: 0.005 min
Response: 6943878
Conc: 42.58 ug/ml

Instrument :
FID_D
ClientSampleId :



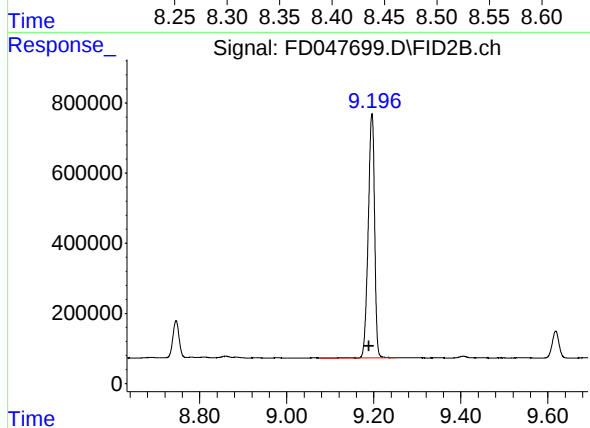
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.004 min
Response: 4331862
Conc: 41.41 ug/ml



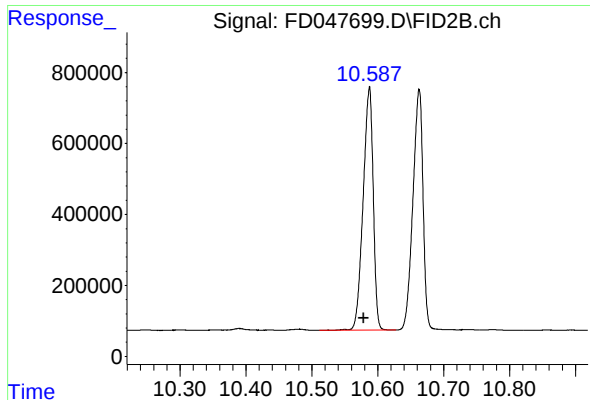
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: 0.007 min
Response: 6768299
Conc: 40.26 ug/ml



#8 Flouorene (C16.55)

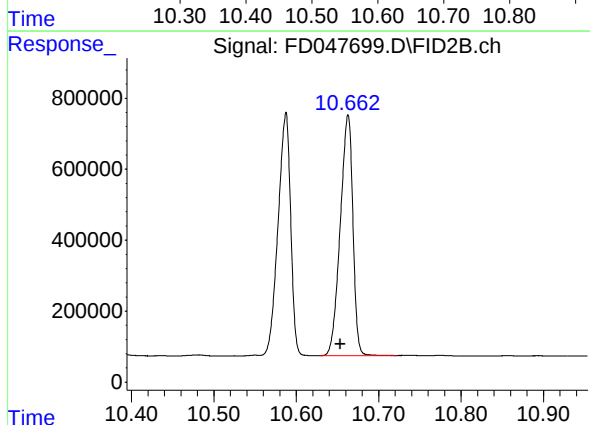
R.T.: 9.195 min
Delta R.T.: 0.007 min
Response: 7089604
Conc: 42.62 ug/ml



#9 Phenanthrene (C19.36)

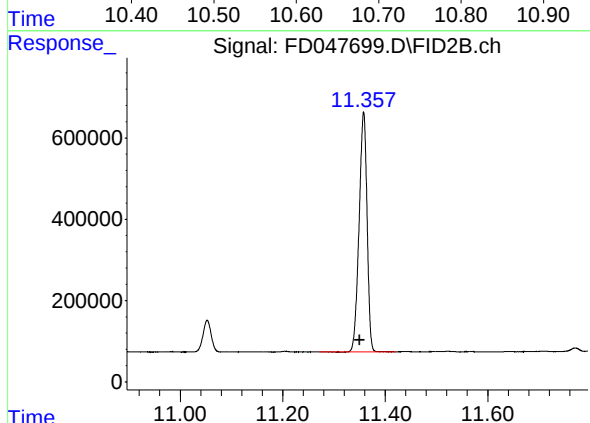
R.T.: 10.587 min
Delta R.T.: 0.009 min
Response: 7289238
Conc: 44.52 ug/ml

Instrument :
FID_D
ClientSampleId :



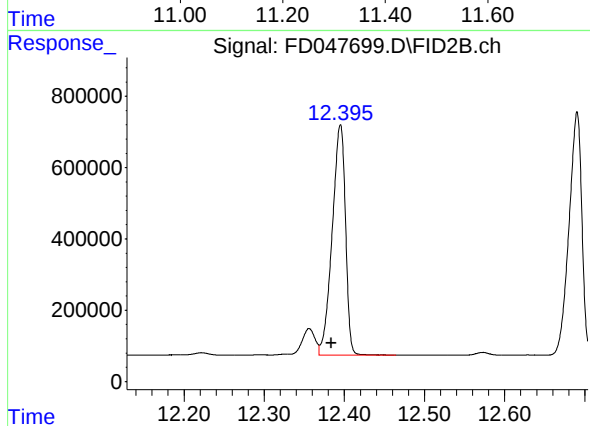
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.009 min
Response: 7228663
Conc: 48.26 ug/ml



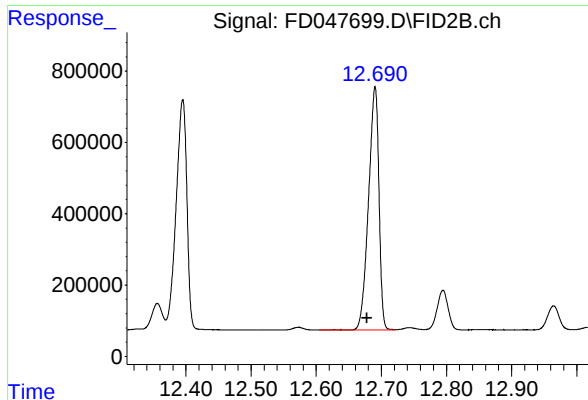
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.007 min
Response: 6347978
Conc: 33.85 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.011 min
Response: 7463273
Conc: 44.98 ug/ml



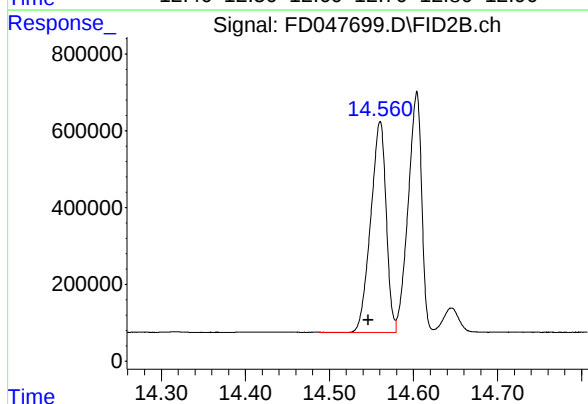
#13 Pyrene (C20.8)

R.T.: 12.690 min
Delta R.T.: 0.012 min
Response: 7565775
Conc: 46.50 ug/ml

Instrument :

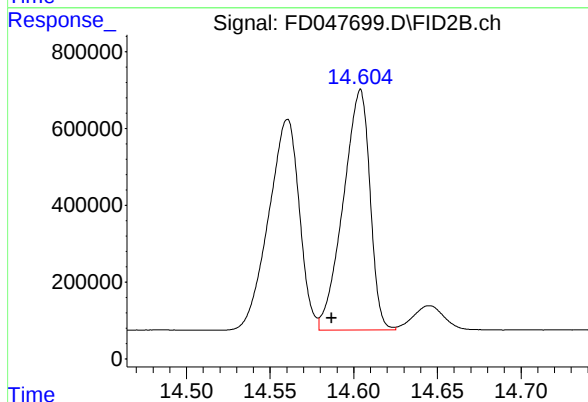
FID_D

ClientSampleId :



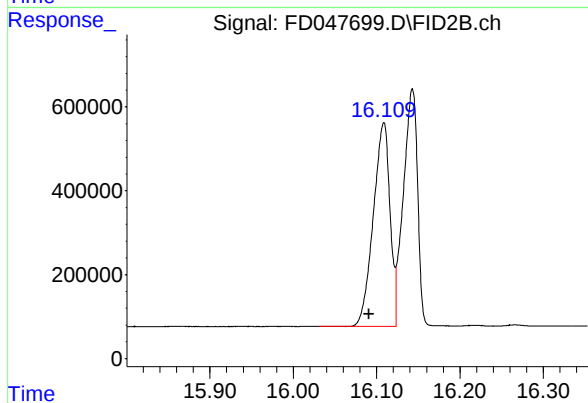
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.014 min
Response: 7019613
Conc: 48.09 ug/ml



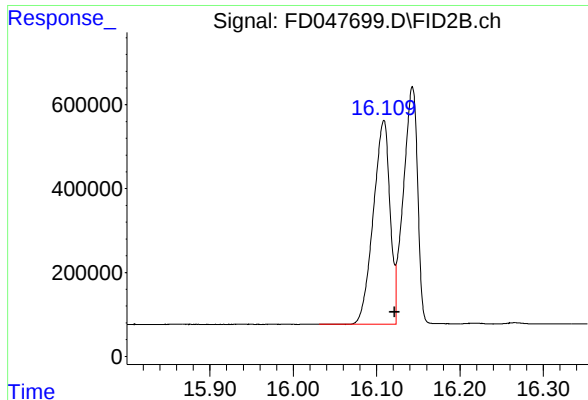
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: 0.017 min
Response: 6978237
Conc: 44.28 ug/ml



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

R.T.: 16.108 min
Delta R.T.: 0.017 min
Response: 6745879
Conc: 45.17 ug/ml



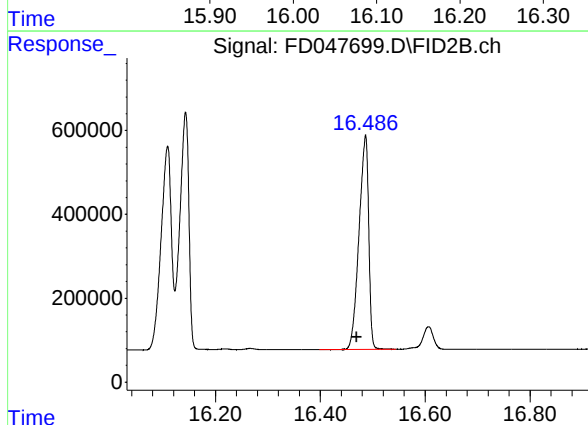
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.108 min
Delta R.T.: -0.014 min
Response: 6745879
Conc: 44.81 ug/ml

Instrument :

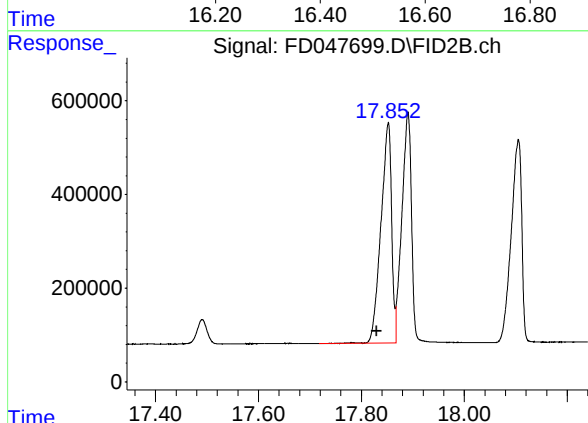
FID_D

ClientSampleId :



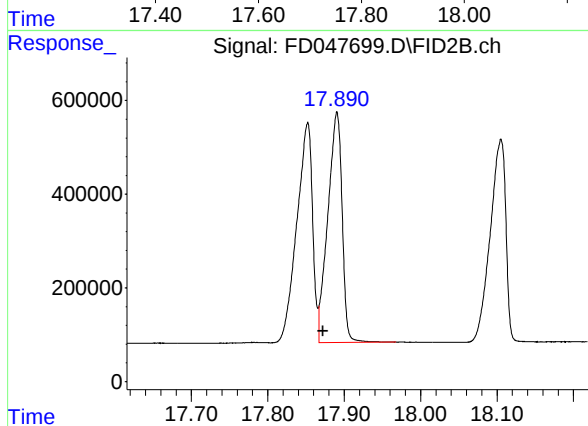
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.016 min
Response: 6523781
Conc: 45.21 ug/ml



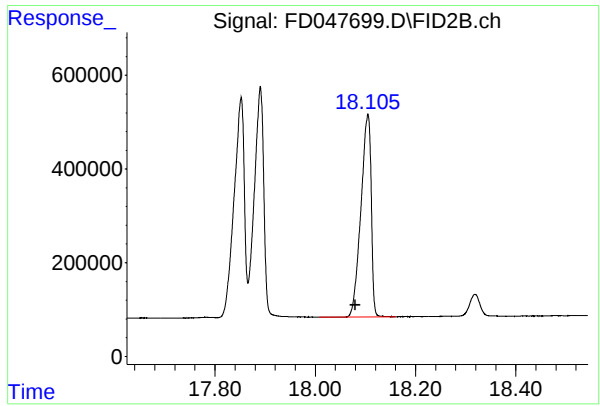
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min
Delta R.T.: 0.022 min
Response: 6755854
Conc: 49.78 ug/ml



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

R.T.: 17.890 min
Delta R.T.: 0.018 min
Response: 6383153
Conc: 44.58 ug/ml



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

R.T.: 18.104 min
Delta R.T.: 0.024 min
Response: 6140094
Conc: 44.72 ug/ml

Instrument :

FID_D

ClientSampleId :