

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032124AR\
 Data File : FD047418.D
 Signal(s) : FID2B.ch
 Acq On : 22 Mar 2024 01:49
 Operator : YP/AJ
 Sample : PB159706BS
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159706BS

Integration File: autoint1.e
 Quant Time: Mar 22 03:32:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.455	7722501	46.757 ug/ml
Spiked Amount 50.000		Recovery =	93.51%
6) S 2-Fluorobiphenyl (SURR)	8.307	4660080	43.796 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.59%
11) S ortho-Terphenyl (SURR)	11.340	7592014	40.681 ug/ml
Spiked Amount 50.000		Recovery =	81.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.272	5639702	31.733 ug/ml
2) T Naphthalene (C11.7)	5.795	6440630	35.317 ug/ml
3) T 2-Methylnaphthalene (...)	6.843	6626794	36.336 ug/ml
5) T Acenaphthylene (C15.06)	8.111	6889586	41.324 ug/ml
7) T Acenaphthene (C15.5)	8.406	6829816	38.766 ug/ml
8) T Flouorene (C16.55)	9.184	7071501	41.980 ug/ml
9) T Phenanthrene (C19.36)	10.571	7328502	45.251 ug/ml
10) T Anthracene (C19.43)	10.647	7292513	49.552 ug/ml
12) T Fluoranthene (C21.85)	12.371	7611919	47.747 ug/ml
13) T Pyrene (C20.8)	12.666	7654584	49.477 ug/ml
14) T Benzo[a]anthracene (C...	14.529	7146214	52.716 ug/ml
15) T Chrysene (C27.41)	14.572	7125326	48.000 ug/ml
16) T benzo[b]fluoranthene ...	16.070	6876688	48.986 ug/ml
17) T Bnezo[k]fluoranthene ...	16.105	6872790	48.533 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.445	6604919	47.814 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.805	6893579	55.156 ug/ml
20) T Dibenz[a,h]anthracene...	17.844	6500275	49.291 ug/ml
21) T Benzo[g,h,i]perylene ...	18.058	6311098	46.971 ug/ml

(f)=RT Delta > 1/2 Window

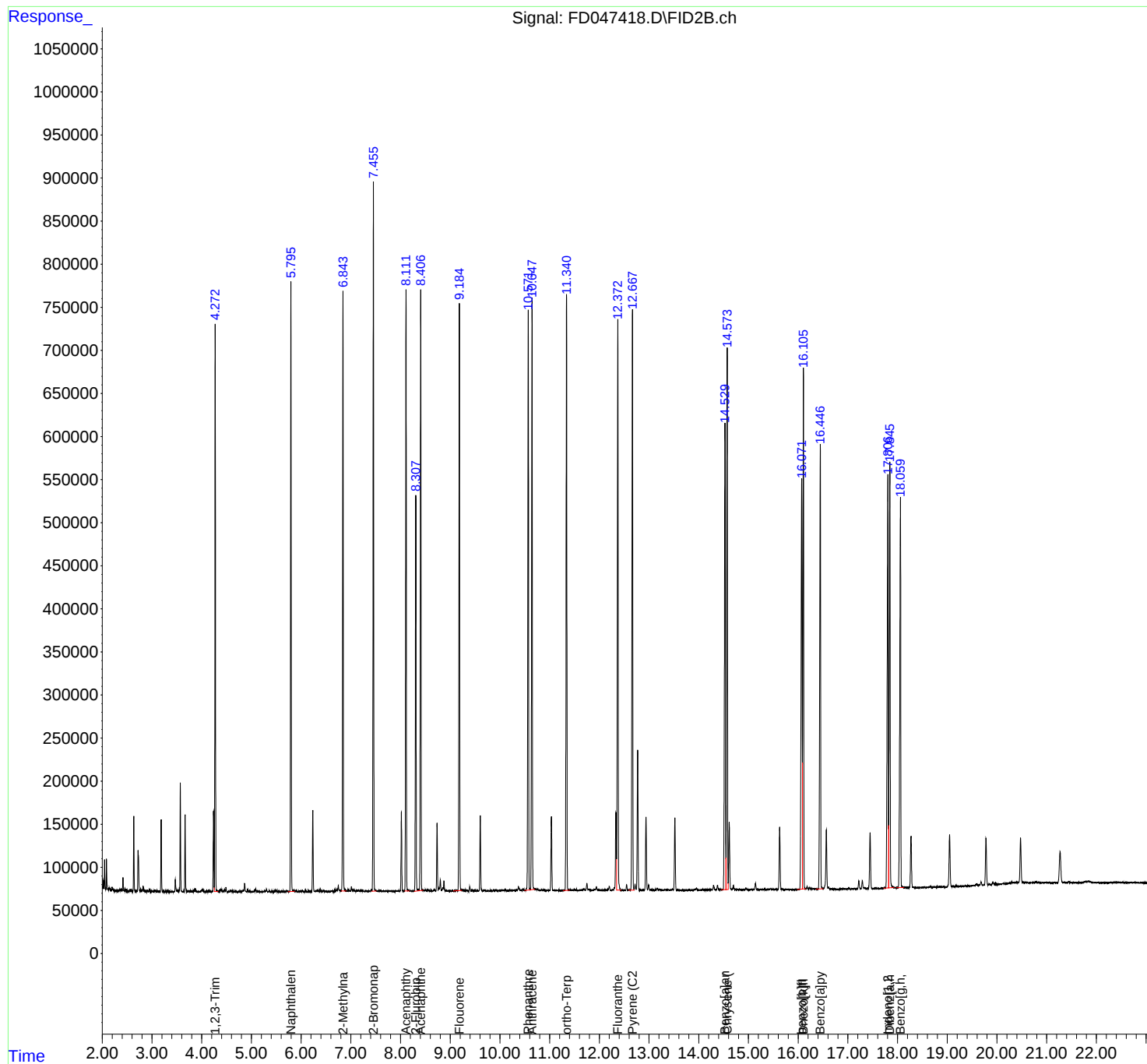
(m)=manual int.

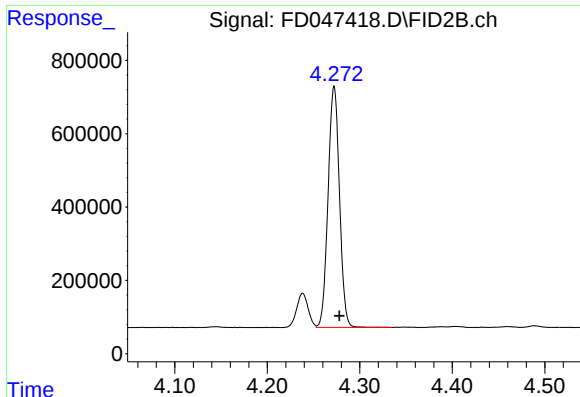
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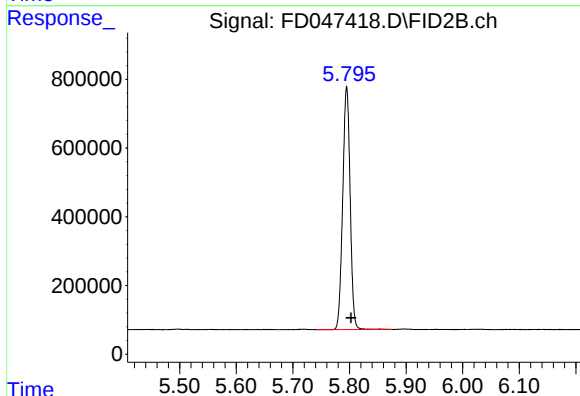




#1 1,2,3-Trimethylbenzene (C10.1)

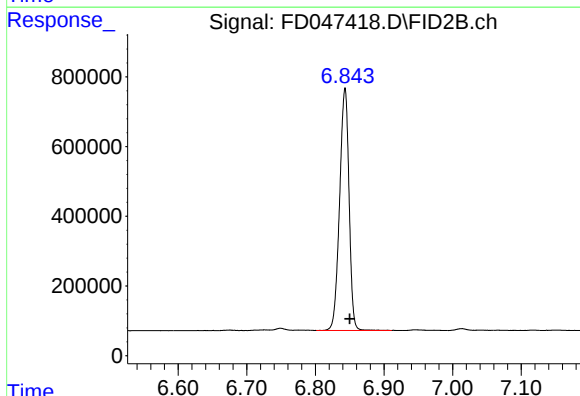
R.T.: 4.272 min
Delta R.T.: -0.006 min
Response: 5639702
Conc: 31.73 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159706BS



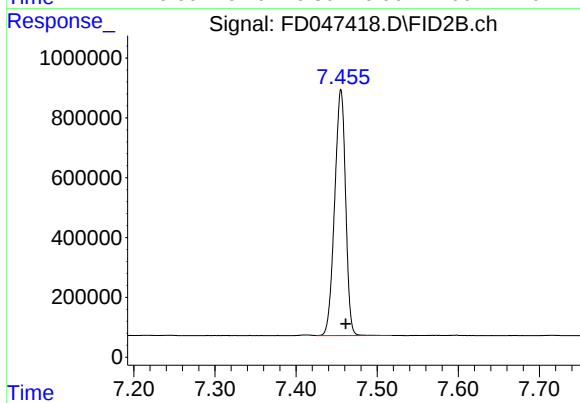
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.008 min
Response: 6440630
Conc: 35.32 ug/ml



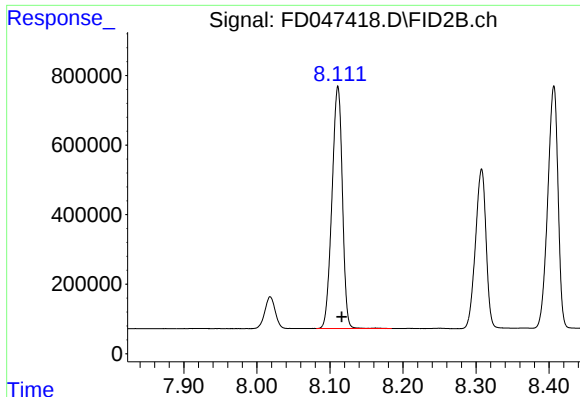
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.843 min
Delta R.T.: -0.007 min
Response: 6626794
Conc: 36.34 ug/ml



#4 2-Bromonaphthalene (SURR)

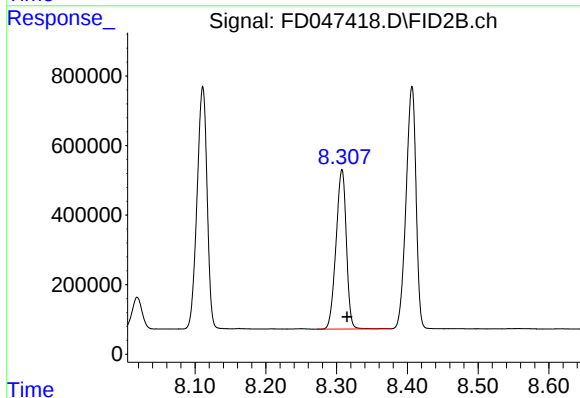
R.T.: 7.455 min
Delta R.T.: -0.006 min
Response: 7722501
Conc: 46.76 ug/ml



#5 Acenaphthylene (C15.06)

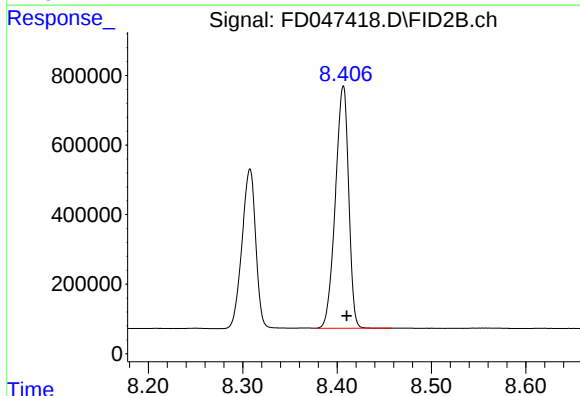
R.T.: 8.111 min
Delta R.T.: -0.005 min
Response: 6889586
Conc: 41.32 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159706BS



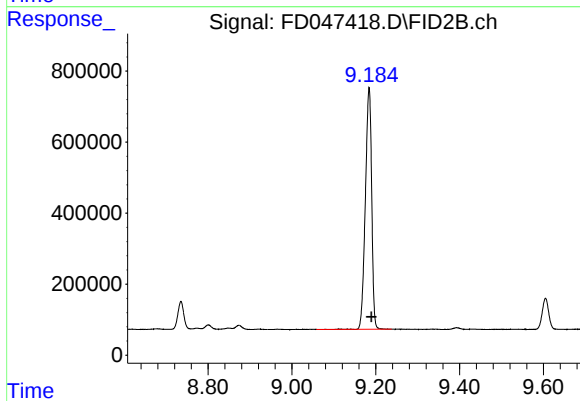
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.307 min
Delta R.T.: -0.007 min
Response: 4660080
Conc: 43.80 ug/ml



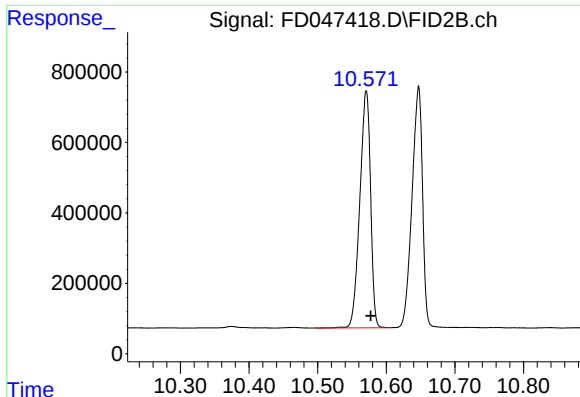
#7 Acenaphthene (C15.5)

R.T.: 8.406 min
Delta R.T.: -0.004 min
Response: 6829816
Conc: 38.77 ug/ml



#8 Fluorene (C16.55)

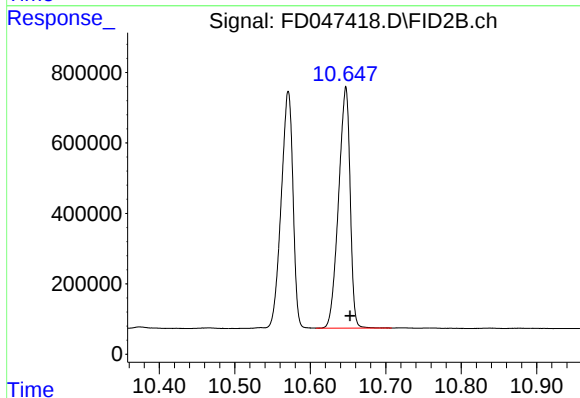
R.T.: 9.184 min
Delta R.T.: -0.006 min
Response: 7071501
Conc: 41.98 ug/ml



#9 Phenanthrene (C19.36)

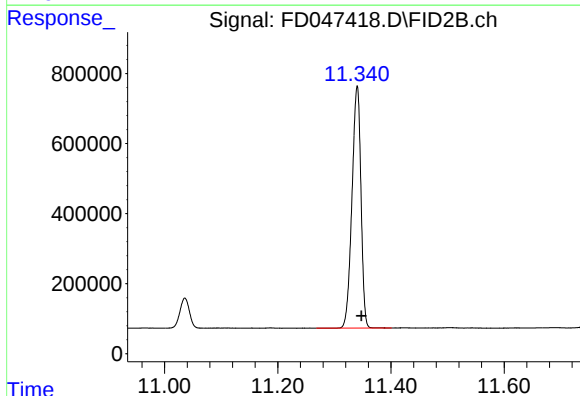
R.T.: 10.571 min
Delta R.T.: -0.007 min
Response: 7328502
Conc: 45.25 ug/ml

Instrument :
FID_D
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PB159706BS



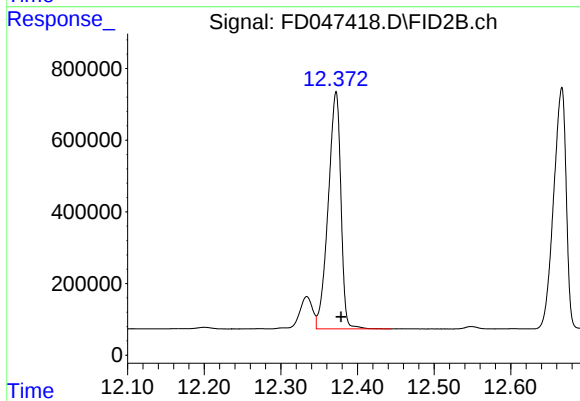
#10 Anthracene (C19.43)

R.T.: 10.647 min
Delta R.T.: -0.006 min
Response: 7292513
Conc: 49.55 ug/ml



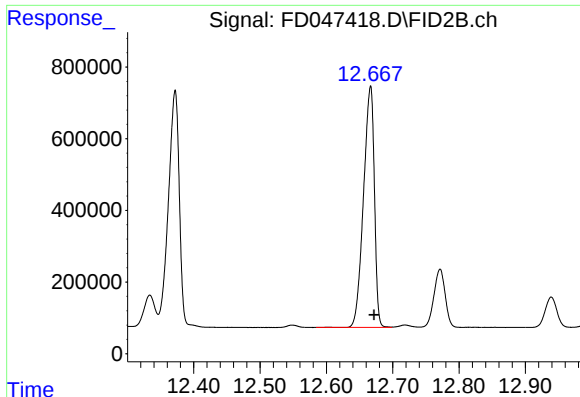
#11 ortho-Terphenyl (SURR)

R.T.: 11.340 min
Delta R.T.: -0.008 min
Response: 7592014
Conc: 40.68 ug/ml



#12 Fluoranthene (C21.85)

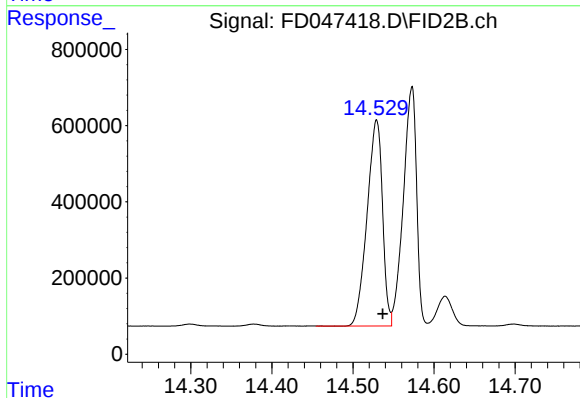
R.T.: 12.371 min
Delta R.T.: -0.007 min
Response: 7611919
Conc: 47.75 ug/ml



#13 Pyrene (C20.8)

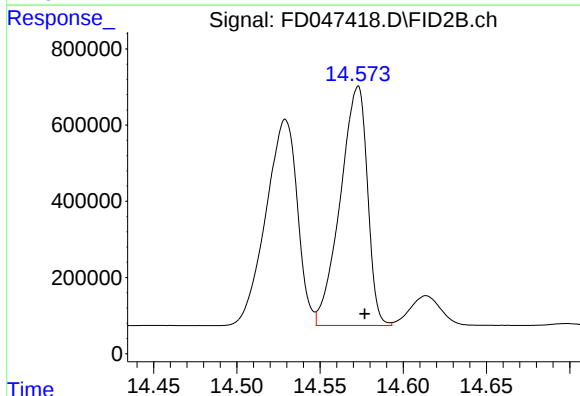
R.T.: 12.666 min
Delta R.T.: -0.006 min
Response: 7654584
Conc: 49.48 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159706BS



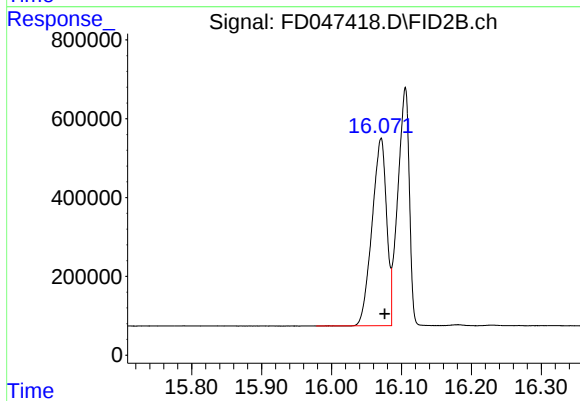
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.529 min
Delta R.T.: -0.008 min
Response: 7146214
Conc: 52.72 ug/ml



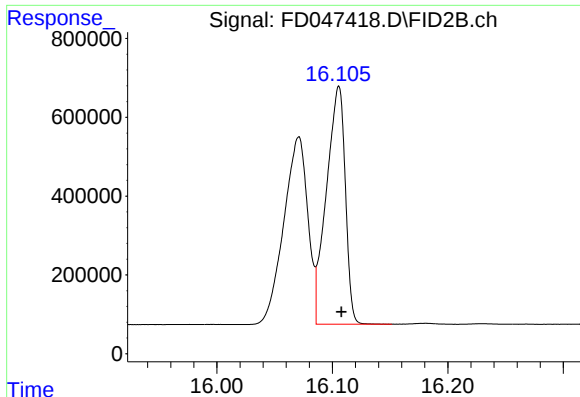
#15 Chrysene (C27.41)

R.T.: 14.572 min
Delta R.T.: -0.005 min
Response: 7125326
Conc: 48.00 ug/ml



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

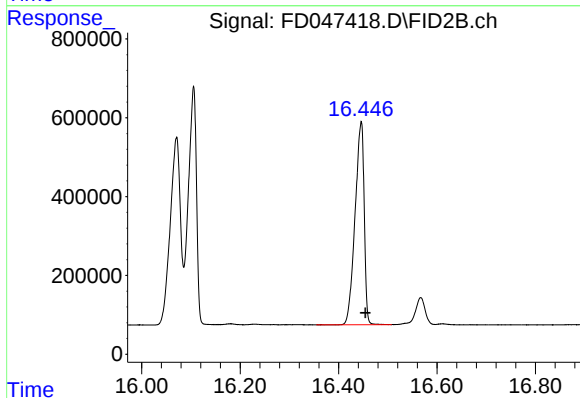
R.T.: 16.070 min
Delta R.T.: -0.006 min
Response: 6876688
Conc: 48.99 ug/ml



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

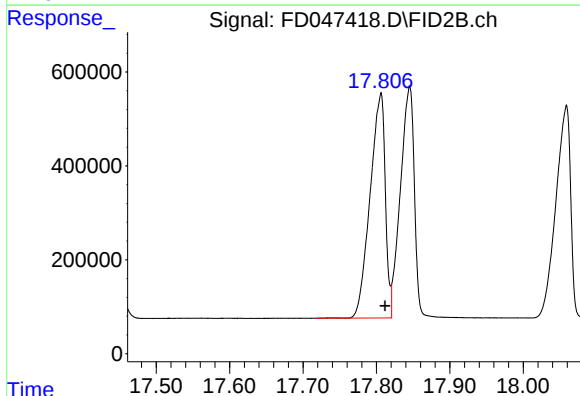
R.T.: 16.105 min
Delta R.T.: -0.003 min
Response: 6872790
Conc: 48.53 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159706BS



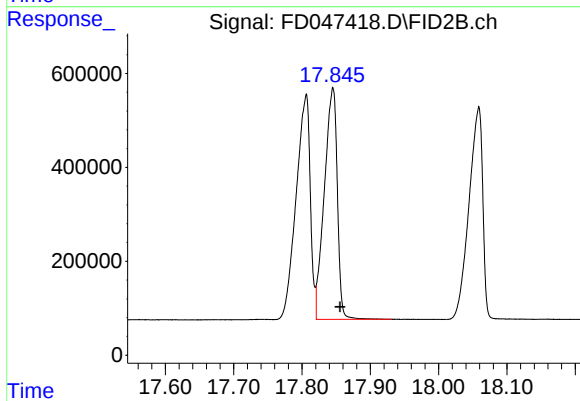
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.445 min
Delta R.T.: -0.009 min
Response: 6604919
Conc: 47.81 ug/ml



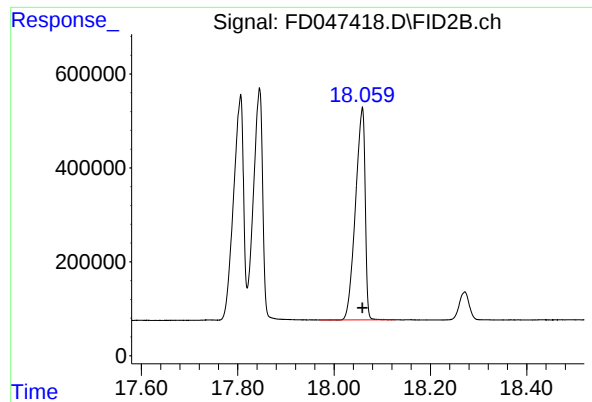
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.805 min
Delta R.T.: -0.007 min
Response: 6893579
Conc: 55.16 ug/ml



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

R.T.: 17.844 min
Delta R.T.: -0.012 min
Response: 6500275
Conc: 49.29 ug/ml



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

R.T.: 18.058 min
Delta R.T.: -0.001 min
Response: 6311098
Conc: 46.97 ug/ml

Instrument :
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ClientSampleId :
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