

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031924AR\
 Data File : FD047388.D
 Signal(s) : FID2B.ch
 Acq On : 19 Mar 2024 17:54
 Operator : YP/AJ
 Sample : PB159654BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159654BSD

Integration File: autoint1.e
 Quant Time: Mar 20 05:03:43 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...	7.457	10536094	63.792 ug/ml
Spiked Amount 50.000		Recovery =	127.58%
6) S 2-Fluorobiphenyl (SURR)	8.309	5993224	56.325 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	112.65%
11) S ortho-Terphenyl (SURR)	11.345	10103424	54.138 ug/ml
Spiked Amount 50.000		Recovery =	108.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	7273519	40.926 ug/ml
2) T Naphthalene (C11.7)	5.797	8435270	46.254 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	8754124	48.000 ug/ml
5) T Acenaphthylene (C15.06)	8.113	9261836	55.553 ug/ml
7) T Acenaphthene (C15.5)	8.408	9125181	51.794 ug/ml
8) T Flouorene (C16.55)	9.187	9469293	56.215 ug/ml
9) T Phenanthrene (C19.36)	10.575	9790156	60.451 ug/ml
10) T Anthracene (C19.43)	10.651	9710316	65.980 ug/ml
12) T Fluoranthene (C21.85)	12.378	9999636	62.724 ug/ml
13) T Pyrene (C20.8)	12.672	10117088	65.394 ug/ml
14) T Benzo[a]anthracene (C...	14.535	9342064	68.914 ug/ml
15) T Chrysene (C27.41)	14.580	9329629	62.849 ug/ml
16) T benzo[b]fluoranthene ...	16.077	9085894	64.723 ug/ml
17) T Bnezo[k]fluoranthene ...	16.114	9006014	63.597 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.453	8692236	62.924 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	9026368	72.221 ug/ml
20) T Dibenz[a,h]anthracene...	17.853	8312418	63.033 ug/ml
21) T Benzo[g,h,i]perylene ...	18.068	8237273	61.306 ug/ml

(f)=RT Delta > 1/2 Window

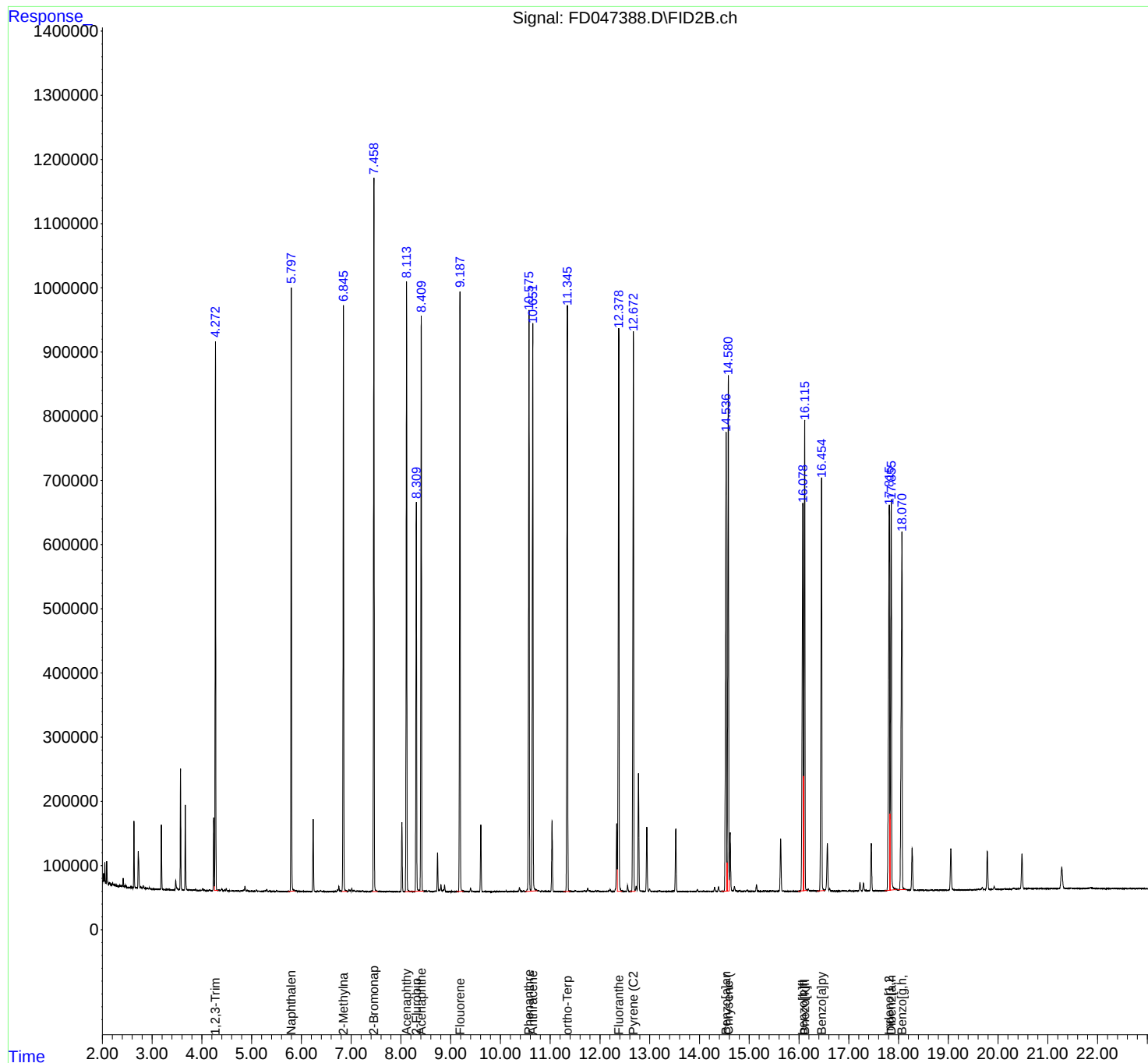
(m)=manual int.

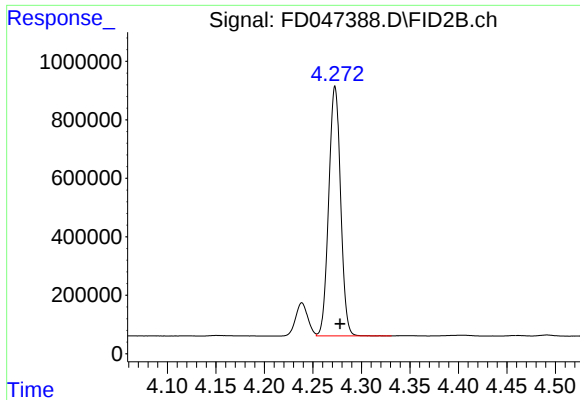
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Signal Info : 20M x 0.18mm x 0.18µm

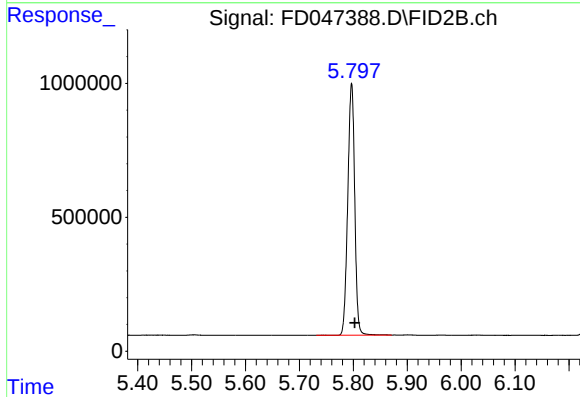




#1 1,2,3-Trimethylbenzene (C10.1)

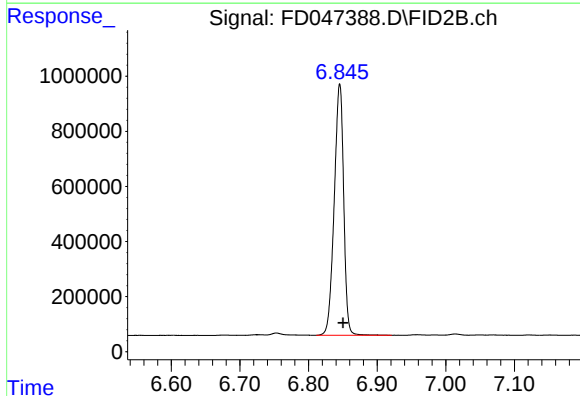
R.T.: 4.273 min
Delta R.T.: -0.005 min
Response: 7273519
Conc: 40.93 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159654BSD



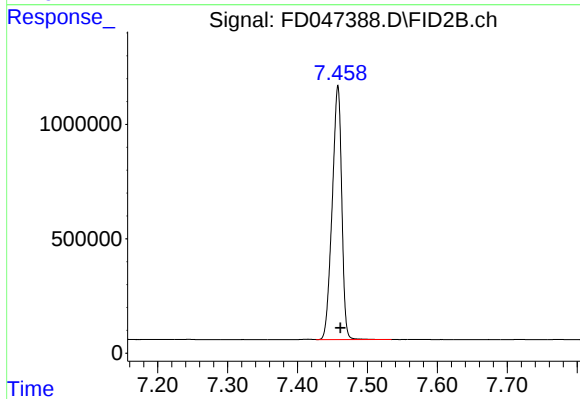
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: -0.006 min
Response: 8435270
Conc: 46.25 ug/ml



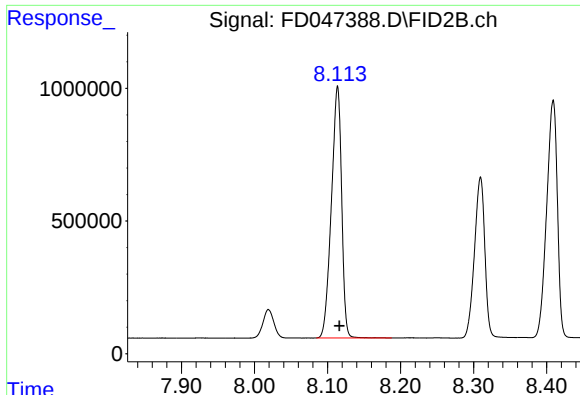
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.005 min
Response: 8754124
Conc: 48.00 ug/ml



#4 2-Bromonaphthalene (SURR)

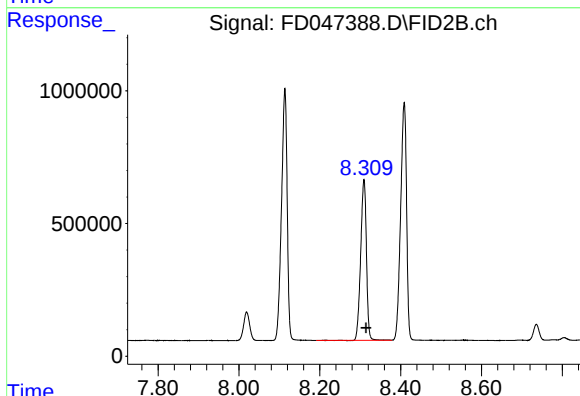
R.T.: 7.457 min
Delta R.T.: -0.004 min
Response: 10536094
Conc: 63.79 ug/ml



#5 Acenaphthylene (C15.06)

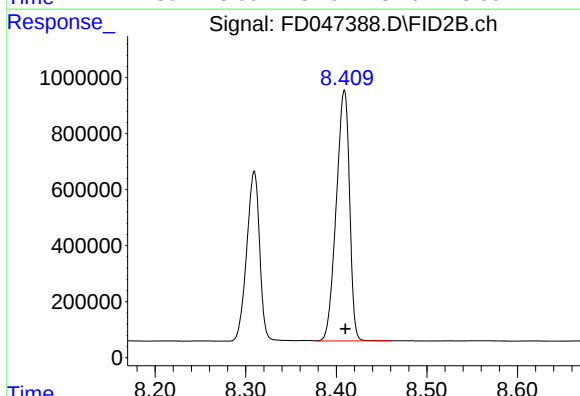
R.T.: 8.113 min
Delta R.T.: -0.003 min
Response: 9261836
Conc: 55.55 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159654BSD



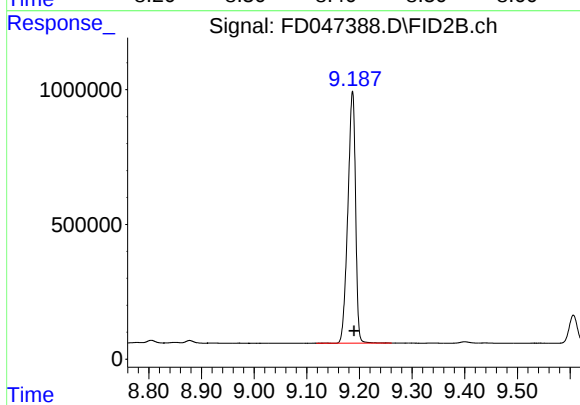
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.309 min
Delta R.T.: -0.006 min
Response: 5993224
Conc: 56.32 ug/ml



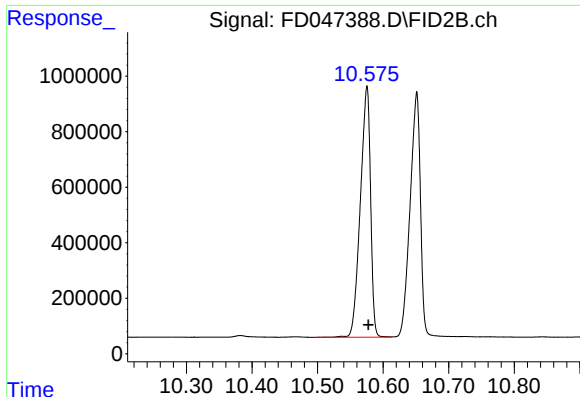
#7 Acenaphthene (C15.5)

R.T.: 8.408 min
Delta R.T.: -0.002 min
Response: 9125181
Conc: 51.79 ug/ml



#8 Fluorene (C16.55)

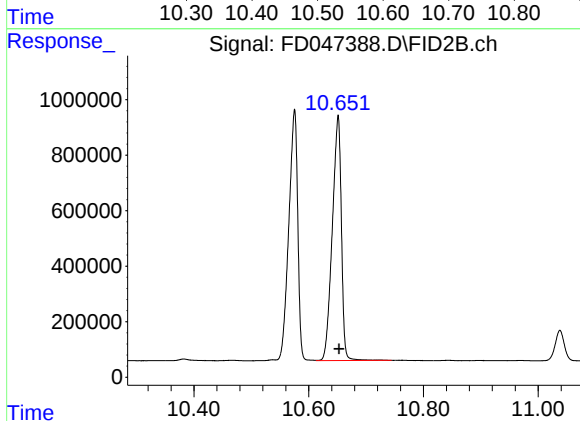
R.T.: 9.187 min
Delta R.T.: -0.003 min
Response: 9469293
Conc: 56.22 ug/ml



#9 Phenanthrene (C19.36)

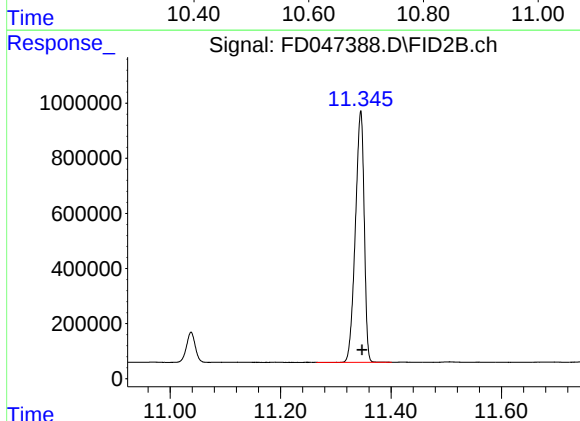
R.T.: 10.575 min
Delta R.T.: -0.003 min
Response: 9790156
Conc: 60.45 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159654BSD



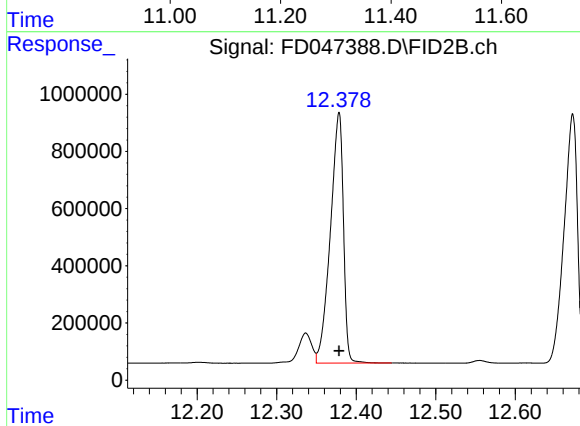
#10 Anthracene (C19.43)

R.T.: 10.651 min
Delta R.T.: -0.002 min
Response: 9710316
Conc: 65.98 ug/ml



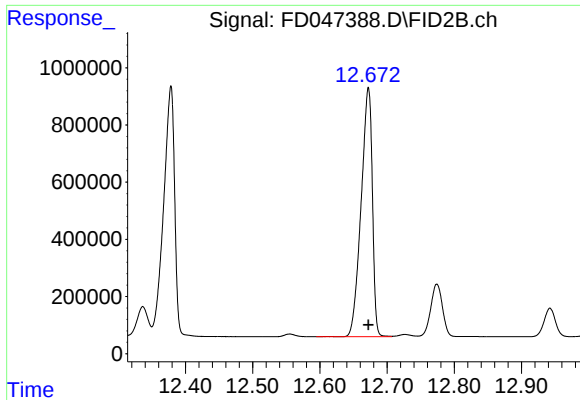
#11 ortho-Terphenyl (SURR)

R.T.: 11.345 min
Delta R.T.: -0.003 min
Response: 10103424
Conc: 54.14 ug/ml



#12 Fluoranthene (C21.85)

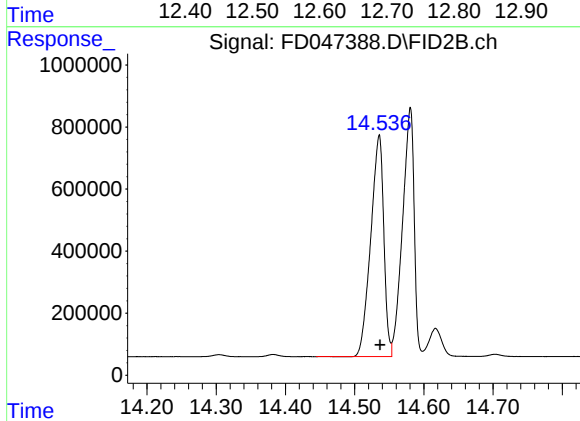
R.T.: 12.378 min
Delta R.T.: 0.000 min
Response: 9999636
Conc: 62.72 ug/ml



#13 Pyrene (C20.8)

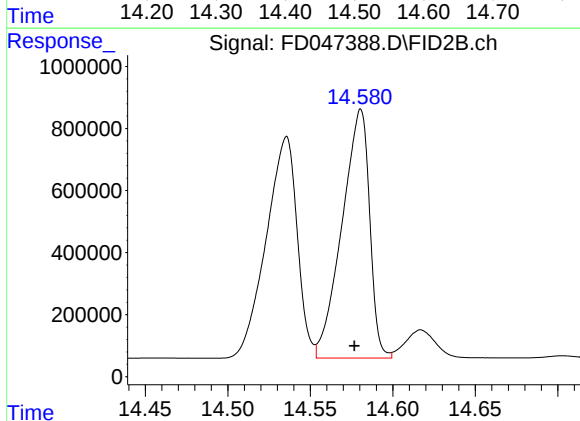
R.T.: 12.672 min
Delta R.T.: 0.000 min
Response: 10117088
Conc: 65.39 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159654BSD



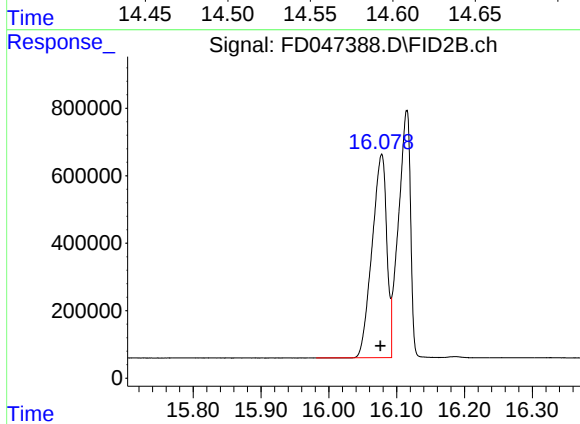
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.535 min
Delta R.T.: -0.002 min
Response: 9342064
Conc: 68.91 ug/ml



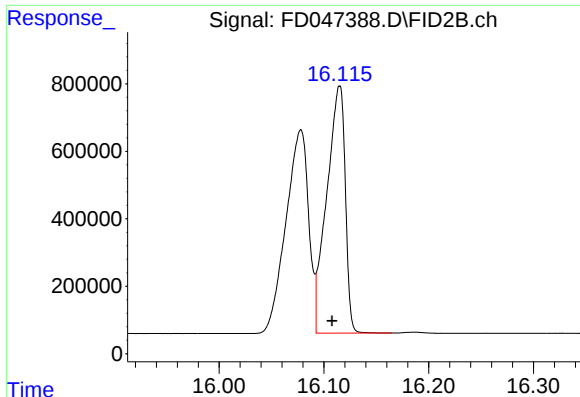
#15 Chrysene (C27.41)

R.T.: 14.580 min
Delta R.T.: 0.003 min
Response: 9329629
Conc: 62.85 ug/ml



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

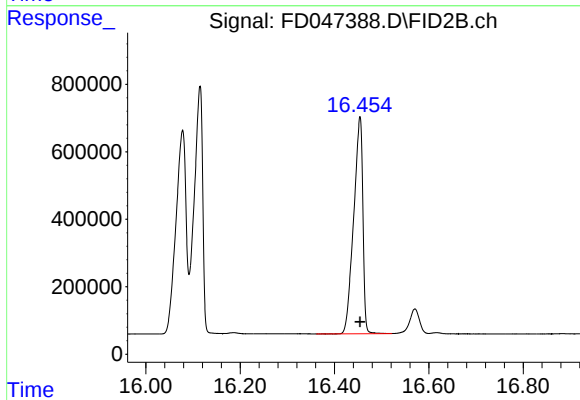
R.T.: 16.077 min
Delta R.T.: 0.001 min
Response: 9085894
Conc: 64.72 ug/ml



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

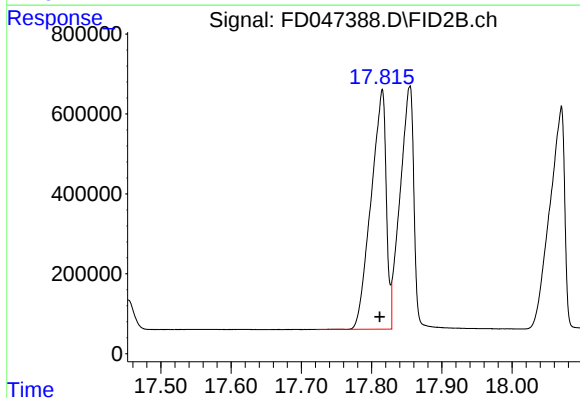
R.T.: 16.114 min
Delta R.T.: 0.006 min
Response: 9006014
Conc: 63.60 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159654BSD



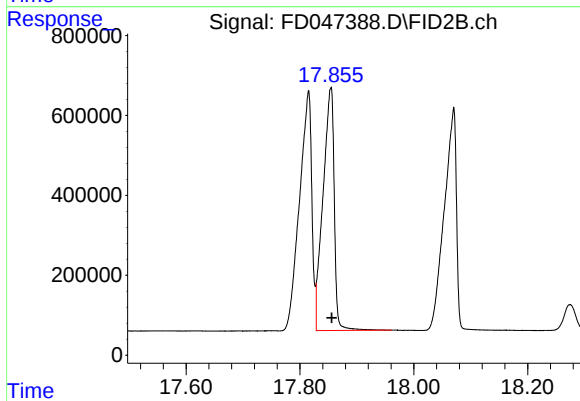
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.453 min
Delta R.T.: -0.001 min
Response: 8692236
Conc: 62.92 ug/ml



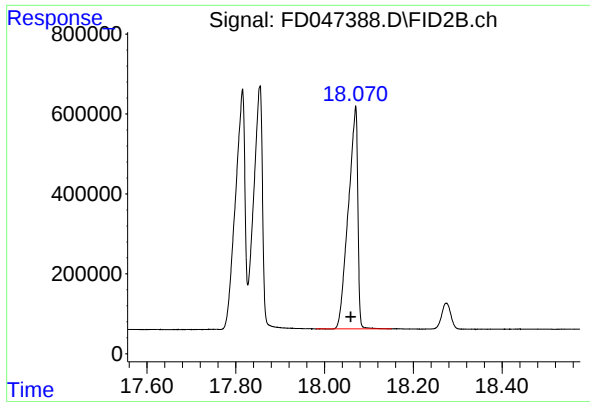
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min
Delta R.T.: 0.002 min
Response: 9026368
Conc: 72.22 ug/ml



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

R.T.: 17.853 min
Delta R.T.: -0.003 min
Response: 8312418
Conc: 63.03 ug/ml



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

R.T.: 18.068 min
Delta R.T.: 0.009 min
Response: 8237273
Conc: 61.31 ug/ml

Instrument :
FID_D
ClientSampleId :
PB159654BSD