

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032924AR\
 Data File : FD047454.D
 Signal(s) : FID2B.ch
 Acq On : 29 Mar 2024 17:55
 Operator : YP/AJ
 Sample : PB159864BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 30 04:26:07 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...	7.460	7445394	45.079 ug/ml
Spiked Amount 50.000		Recovery =	90.16%
6) S 2-Fluorobiphenyl (SURR)	8.312	4548756	42.750 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.50%
11) S ortho-Terphenyl (SURR)	11.349	7064480	37.854 ug/ml
Spiked Amount 50.000		Recovery =	75.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	4859985	27.346 ug/ml
2) T Naphthalene (C11.7)	5.799	5773408	31.658 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	6174166	33.854 ug/ml
5) T Acenaphthylene (C15.06)	8.116	6487638	38.913 ug/ml
7) T Acenaphthene (C15.5)	8.411	6333031	35.946 ug/ml
8) T Flouorene (C16.55)	9.189	6521832	38.717 ug/ml
9) T Phenanthrene (C19.36)	10.577	6471852	39.961 ug/ml
10) T Anthracene (C19.43)	10.653	6424394	43.653 ug/ml
12) T Fluoranthene (C21.85)	12.381	6680826	41.906 ug/ml
13) T Pyrene (C20.8)	12.675	6713623	43.395 ug/ml
14) T Benzo[a]anthracene (C...	14.541	6247853	46.089 ug/ml
15) T Chrysene (C27.41)	14.583	6221698	41.912 ug/ml
16) T benzo[b]fluoranthene ...	16.084	6131806	43.680 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	6087950	42.990 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.460	5928661	42.918 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.822	6126978	49.023 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	5715867	43.343 ug/ml
21) T Benzo[g,h,i]perylene ...	18.073	5662225	42.141 ug/ml

(f)=RT Delta > 1/2 Window

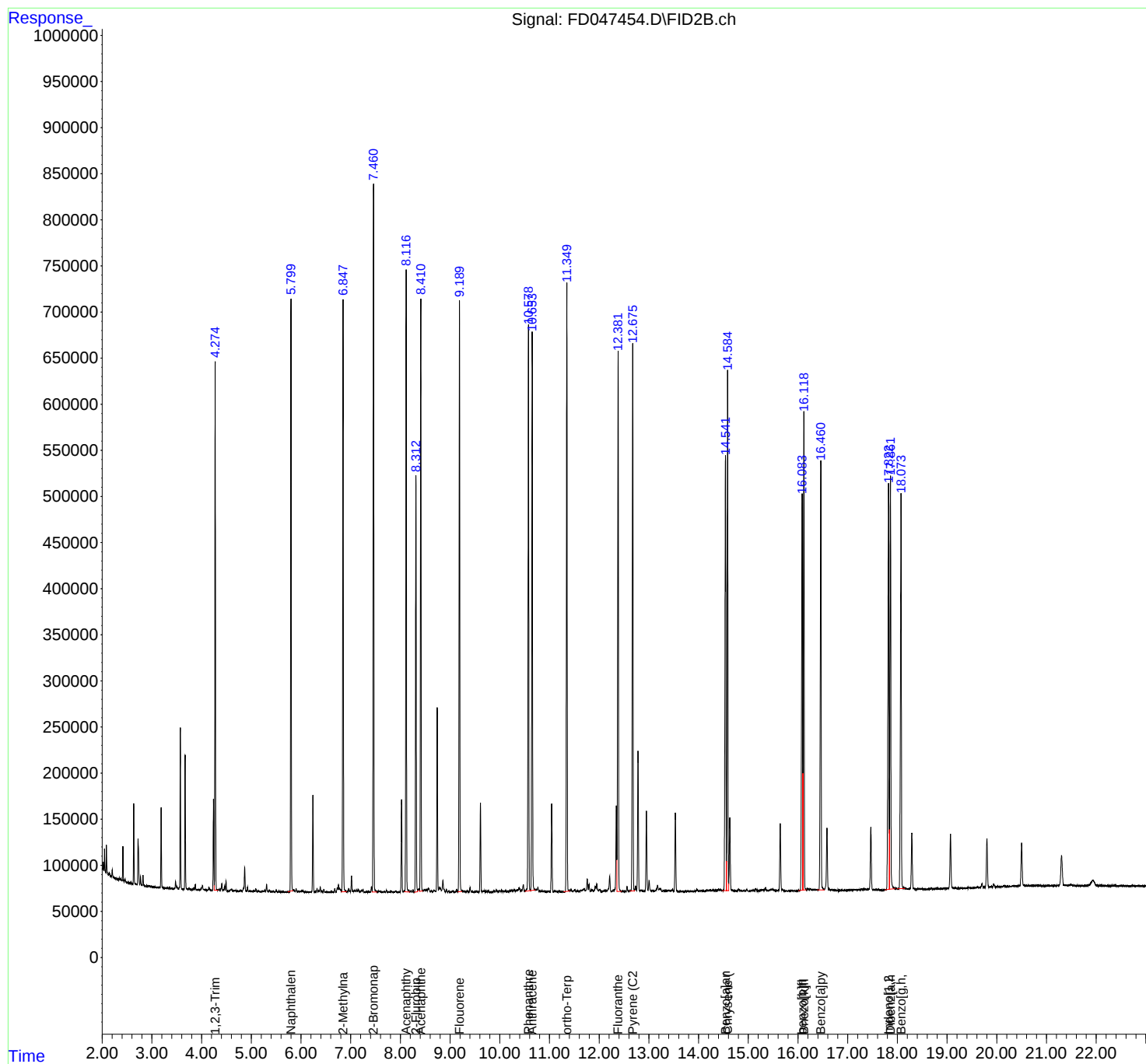
(m)=manual int.

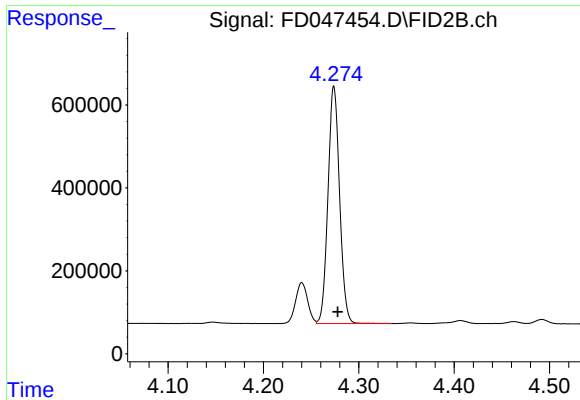
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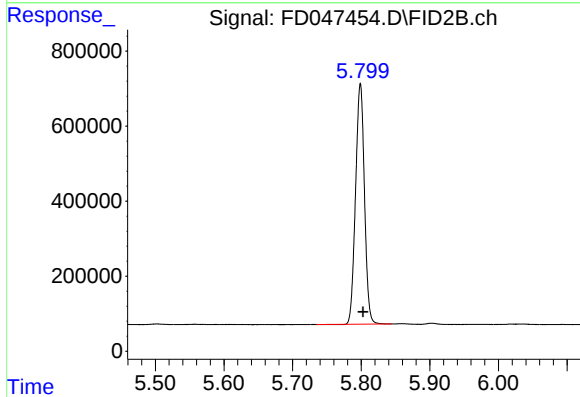




#1 1,2,3-Trimethylbenzene (C10.1)

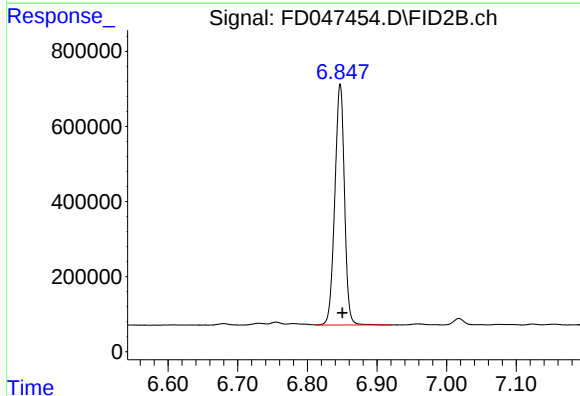
R.T.: 4.274 min
Delta R.T.: -0.004 min
Response: 4859985
Conc: 27.35 ug/ml

Instrument :
FID_D
ClientSampleId :



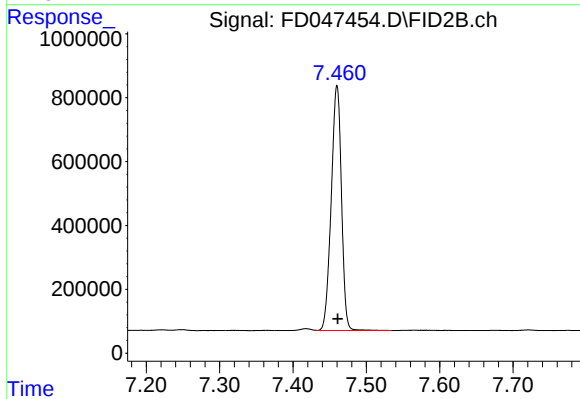
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: -0.004 min
Response: 5773408
Conc: 31.66 ug/ml



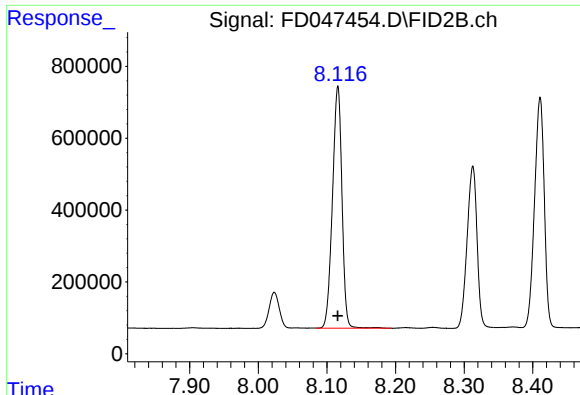
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: -0.003 min
Response: 6174166
Conc: 33.85 ug/ml



#4 2-Bromonaphthalene (SURR)

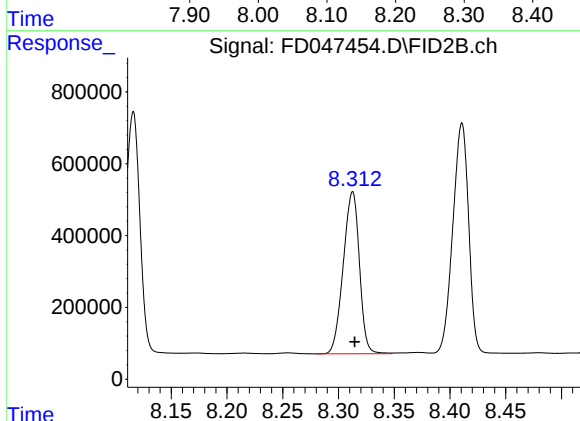
R.T.: 7.460 min
Delta R.T.: -0.001 min
Response: 7445394
Conc: 45.08 ug/ml



#5 Acenaphthylene (C15.06)

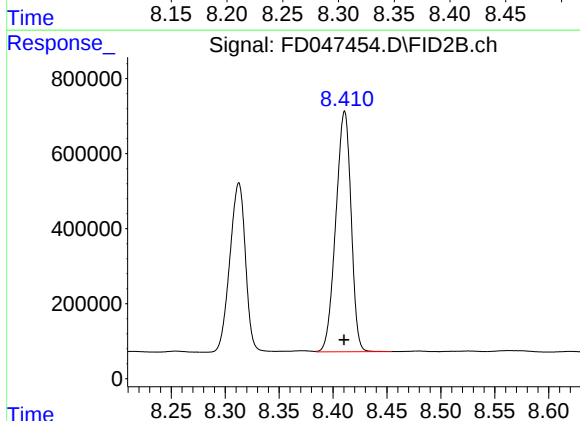
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 6487638
Conc: 38.91 ug/ml

Instrument :
FID_D
ClientSampleId :



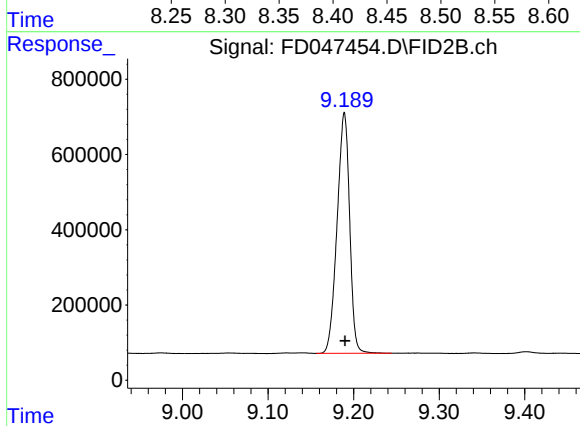
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.312 min
Delta R.T.: -0.002 min
Response: 4548756
Conc: 42.75 ug/ml



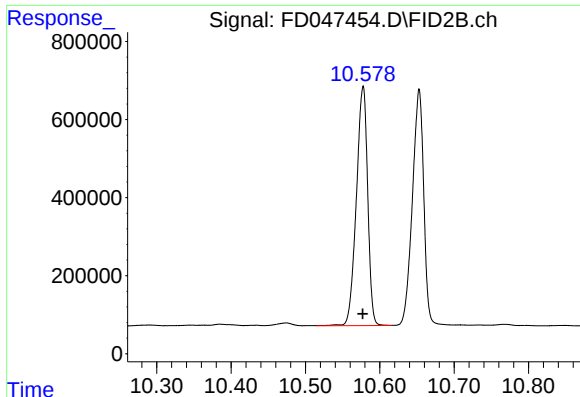
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.000 min
Response: 6333031
Conc: 35.95 ug/ml



#8 Flouorene (C16.55)

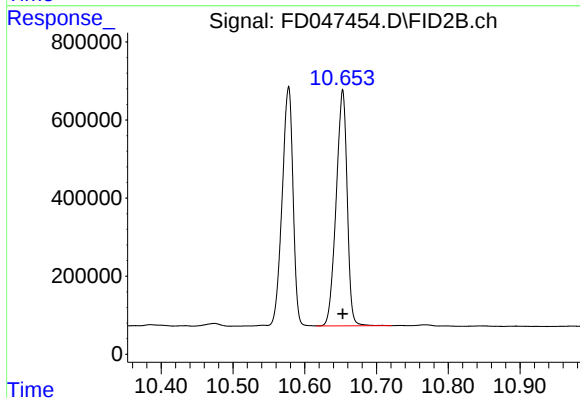
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 6521832
Conc: 38.72 ug/ml



#9 Phenanthrene (C19.36)

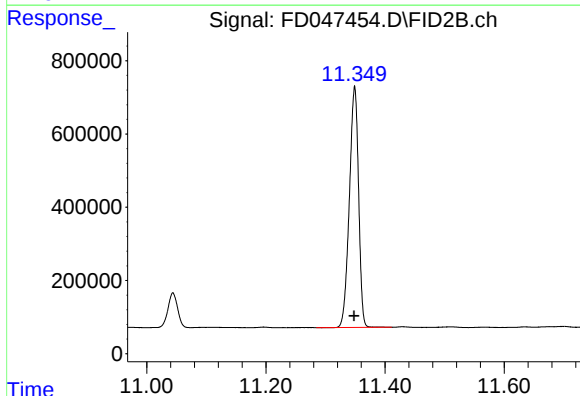
R.T.: 10.577 min
Delta R.T.: 0.000 min
Response: 6471852
Conc: 39.96 ug/ml

Instrument :
FID_D
ClientSampleId :



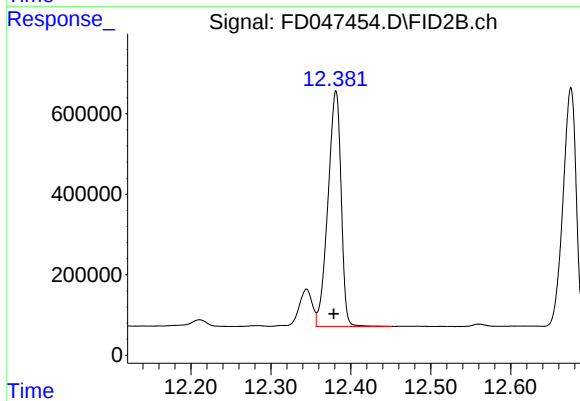
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.000 min
Response: 6424394
Conc: 43.65 ug/ml



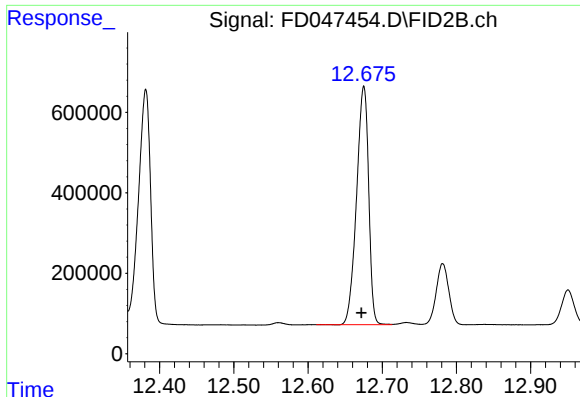
#11 ortho-Terphenyl (SURR)

R.T.: 11.349 min
Delta R.T.: 0.000 min
Response: 7064480
Conc: 37.85 ug/ml



#12 Fluoranthene (C21.85)

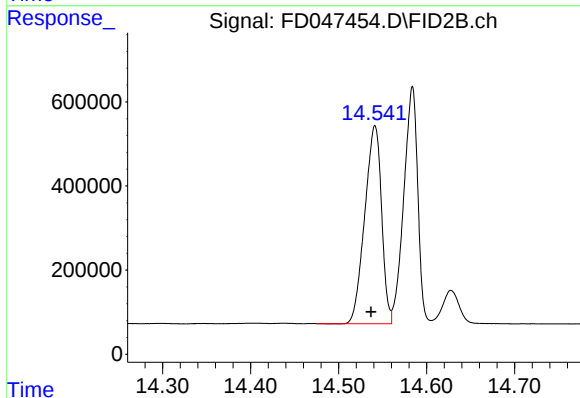
R.T.: 12.381 min
Delta R.T.: 0.002 min
Response: 6680826
Conc: 41.91 ug/ml



#13 Pyrene (C20.8)

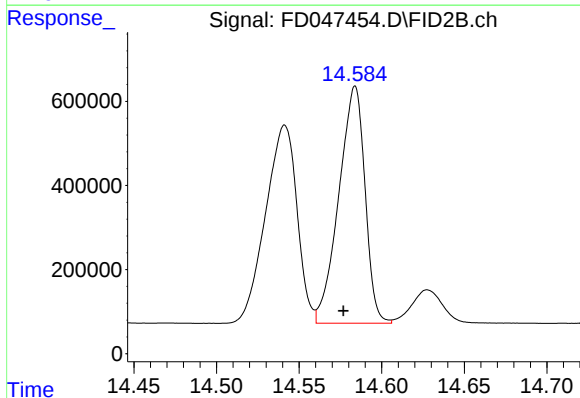
R.T.: 12.675 min
Delta R.T.: 0.003 min
Response: 6713623
Conc: 43.39 ug/ml

Instrument :
FID_D
ClientSampleId :



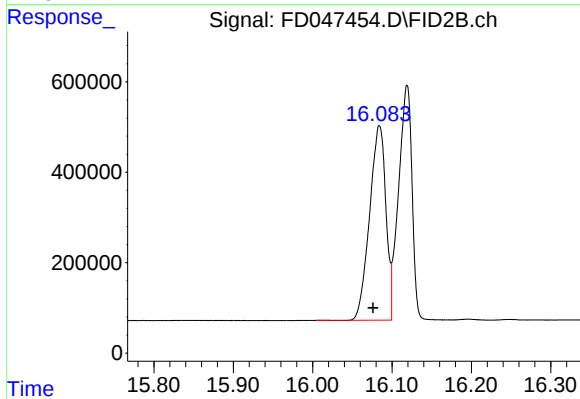
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min
Delta R.T.: 0.004 min
Response: 6247853
Conc: 46.09 ug/ml



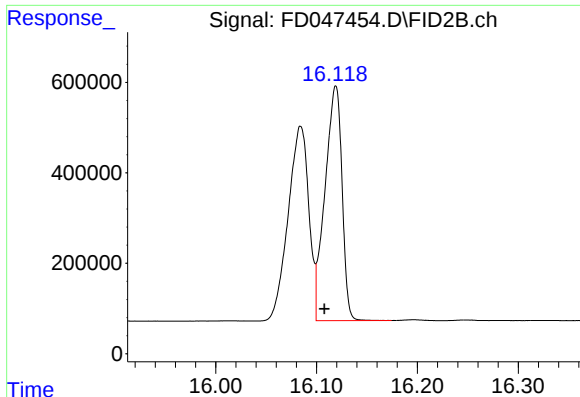
#15 Chrysene (C27.41)

R.T.: 14.583 min
Delta R.T.: 0.007 min
Response: 6221698
Conc: 41.91 ug/ml



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

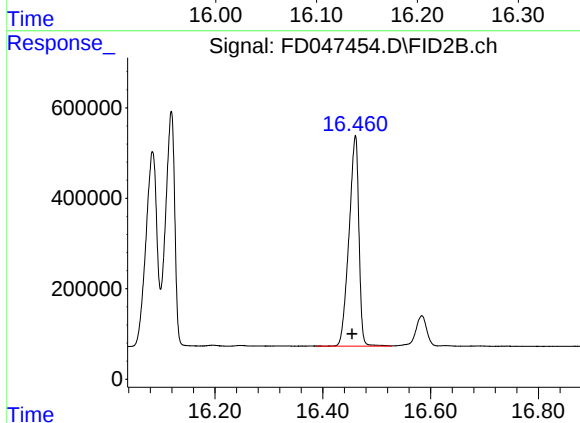
R.T.: 16.084 min
Delta R.T.: 0.008 min
Response: 6131806
Conc: 43.68 ug/ml



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

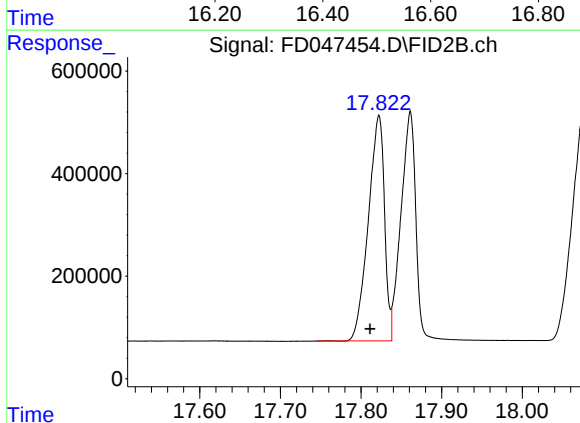
R.T.: 16.118 min
Delta R.T.: 0.011 min
Response: 6087950
Conc: 42.99 ug/ml

Instrument :
FID_D
ClientSampleId :



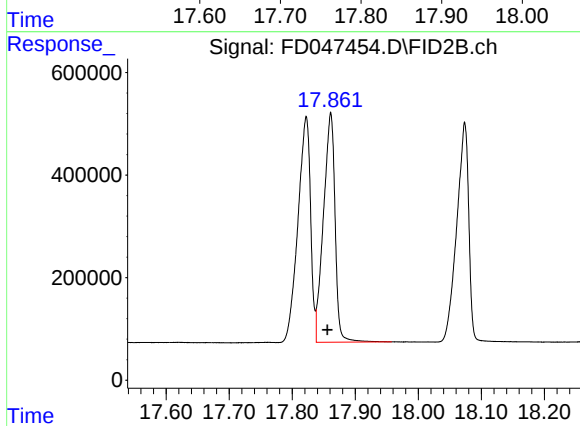
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.460 min
Delta R.T.: 0.005 min
Response: 5928661
Conc: 42.92 ug/ml



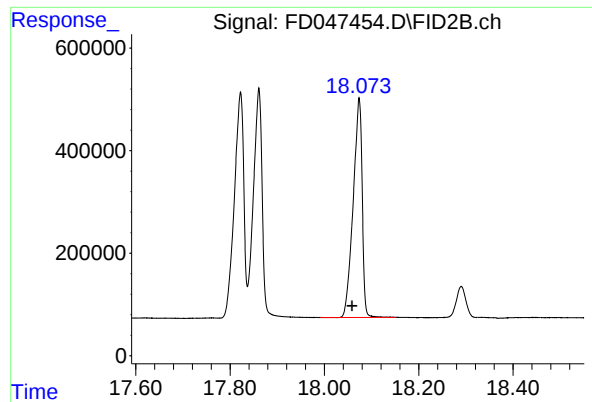
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.822 min
Delta R.T.: 0.010 min
Response: 6126978
Conc: 49.02 ug/ml



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

R.T.: 17.861 min
Delta R.T.: 0.005 min
Response: 5715867
Conc: 43.34 ug/ml



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

R.T.: 18.073 min
Delta R.T.: 0.014 min
Response: 5662225
Conc: 42.14 ug/ml

Instrument :

FID_D

ClientSampleId :