

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022525AR\
 Data File : FD049102.D
 Signal(s) : FID2B.ch
 Acq On : 25 Feb 2025 16:23
 Operator : YP/AJ
 Sample : PB166863BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 26 01:33:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 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...	7.351	8578252	59.942 ug/ml
Spiked Amount 50.000		Recovery =	119.88%
6) S 2-Fluorobiphenyl (SURR)	8.202	4994005	56.807 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	113.61%
11) S ortho-Terphenyl (SURR)	11.237	8345069	51.585 ug/ml
Spiked Amount 50.000		Recovery =	103.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.176	6065078	38.084 ug/ml
2) T Naphthalene (C11.7)	5.692	7087569	44.636 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	7259810	46.629 ug/ml
5) T Acenaphthylene (C15.06)	8.004	8384708	51.565 ug/ml
7) T Acenaphthene (C15.5)	8.299	8801087	53.499 ug/ml
8) T Flouorene (C16.55)	9.078	8817188	55.929 ug/ml
9) T Phenanthrene (C19.36)	10.467	8872012	58.872 ug/ml
10) T Anthracene (C19.43)	10.542	9030746	59.795 ug/ml
12) T Fluoranthene (C21.85)	12.272	9098752	58.962 ug/ml
13) T Pyrene (C20.8)	12.565	8920599	57.904 ug/ml
14) T Benzo[a]anthracene (C...	14.436	8323275	63.348 ug/ml
15) T Chrysene (C27.41)	14.478	8230352	50.903 ug/ml
16) T benzo[b]fluoranthene ...	15.985	8299332	60.317 ug/ml
17) T Bnezo[k]fluoranthene ...	16.020	8407118	53.229 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	8002901	58.959 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.732	7642522	69.937 ug/ml
20) T Dibenz[a,h]anthracene...	17.766	7956870	51.288 ug/ml
21) T Benzo[g,h,i]perylene ...	17.983	7959297	54.910 ug/ml

(f)=RT Delta > 1/2 Window

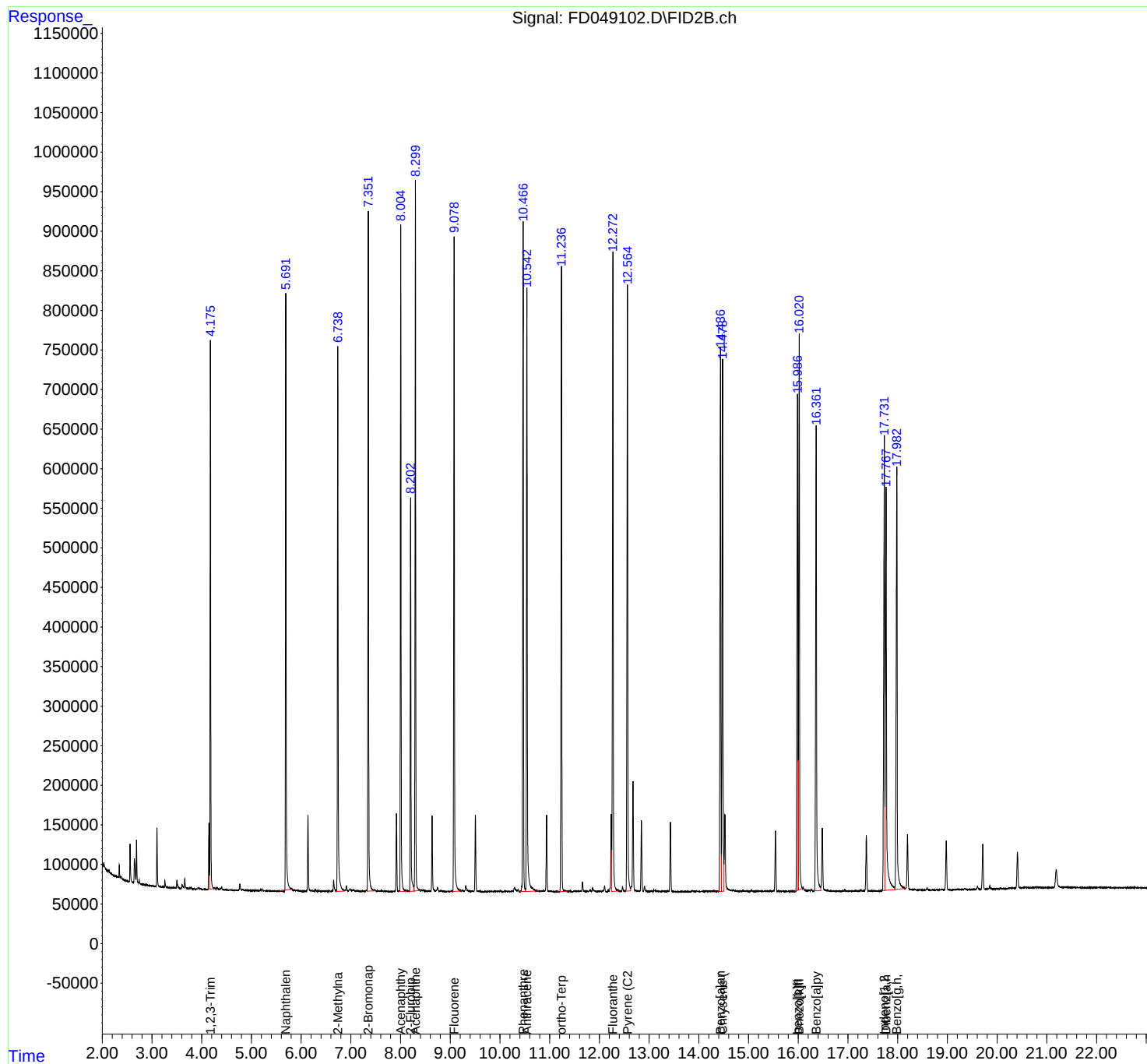
(m)=manual int.

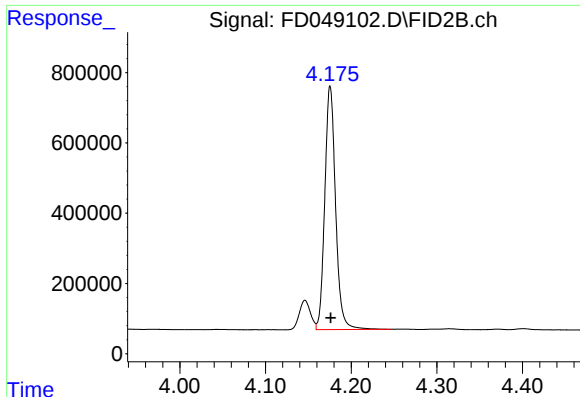
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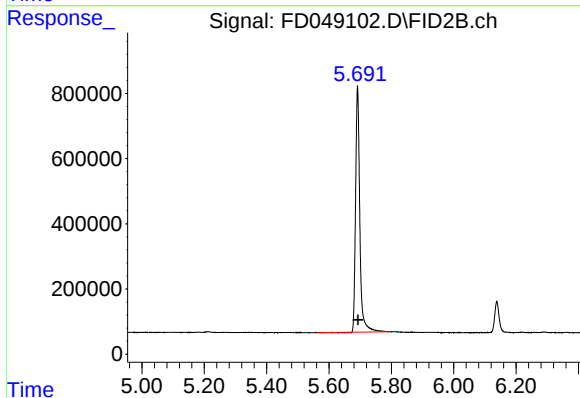




#1 1,2,3-Trimethylbenzene (C10.1)

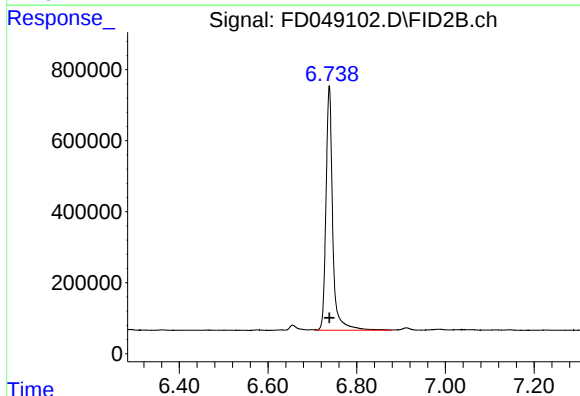
R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 6065078
Conc: 38.08 ug/ml

Instrument :
FID_D
ClientSampleId :



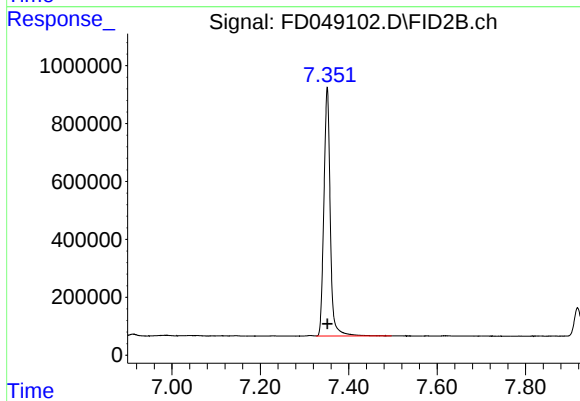
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 7087569
Conc: 44.64 ug/ml



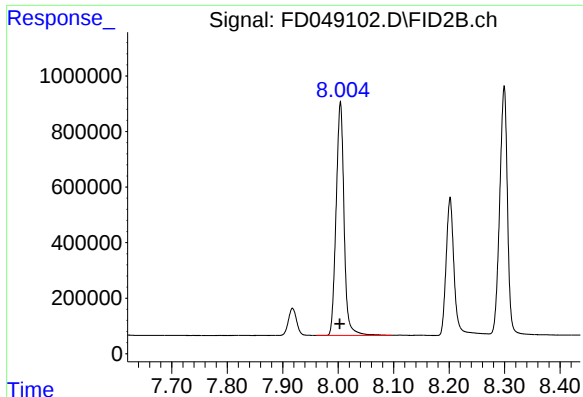
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 7259810
Conc: 46.63 ug/ml



#4 2-Bromonaphthalene (SURR)

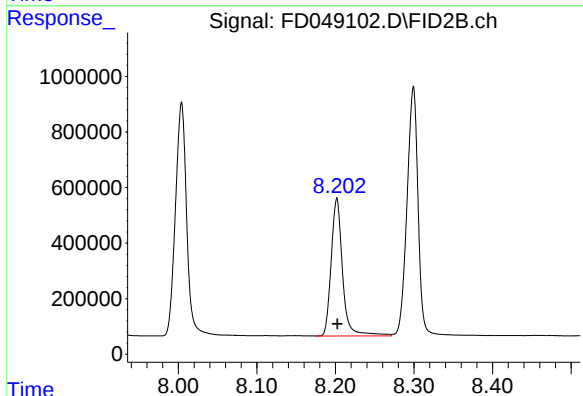
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 8578252
Conc: 59.94 ug/ml



#5 Acenaphthylene (C15.06)

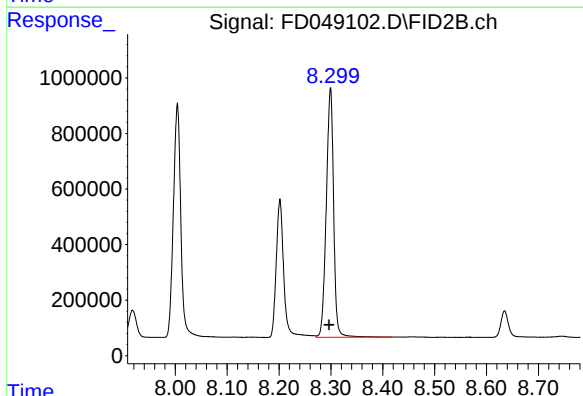
R.T.: 8.004 min
Delta R.T.: 0.001 min
Response: 8384708
Conc: 51.56 ug/ml

Instrument :
FID_D
ClientSampleId :



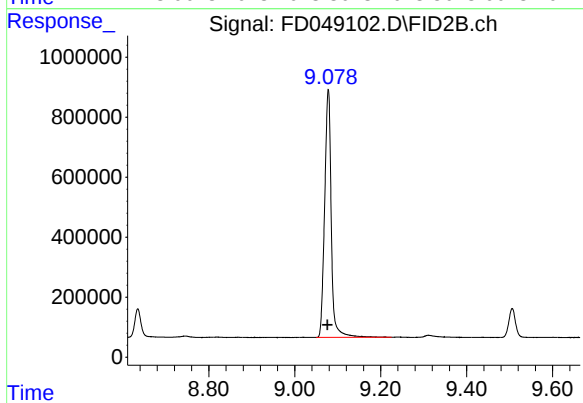
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: 0.000 min
Response: 4994005
Conc: 56.81 ug/ml



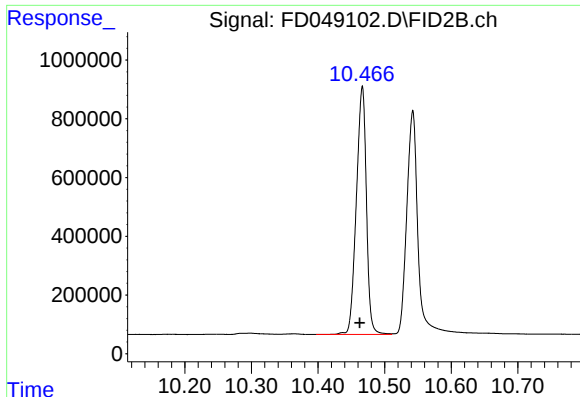
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: 0.003 min
Response: 8801087
Conc: 53.50 ug/ml



#8 Flouorene (C16.55)

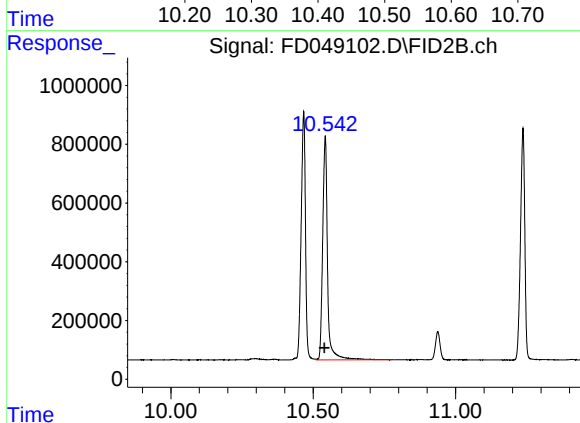
R.T.: 9.078 min
Delta R.T.: 0.002 min
Response: 8817188
Conc: 55.93 ug/ml



#9 Phenanthrene (C19.36)

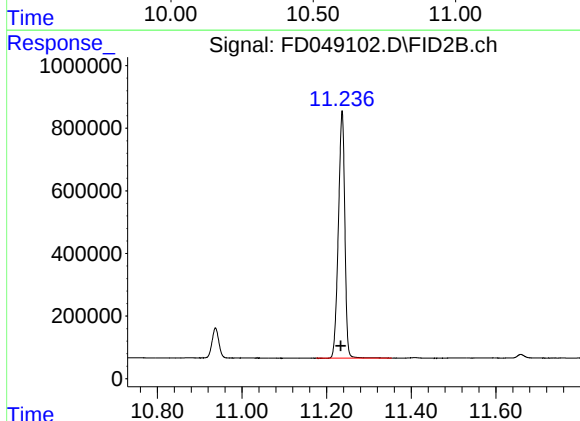
R.T.: 10.467 min
Delta R.T.: 0.004 min
Response: 8872012
Conc: 58.87 ug/ml

Instrument :
FID_D
ClientSampleId :



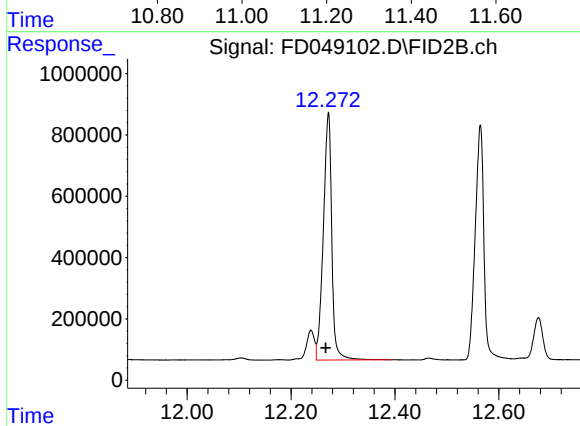
#10 Anthracene (C19.43)

R.T.: 10.542 min
Delta R.T.: 0.003 min
Response: 9030746
Conc: 59.80 ug/ml



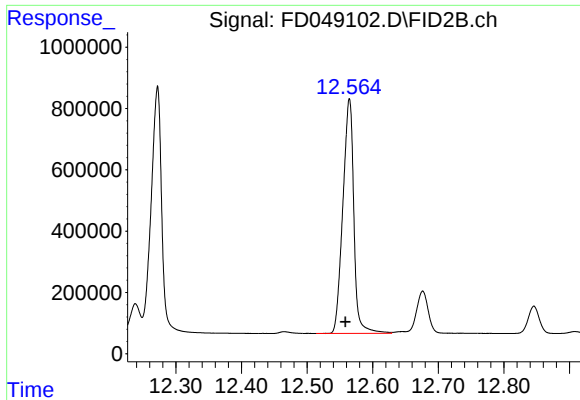
#11 ortho-Terphenyl (SURR)

R.T.: 11.237 min
Delta R.T.: 0.004 min
Response: 8345069
Conc: 51.58 ug/ml



#12 Fluoranthene (C21.85)

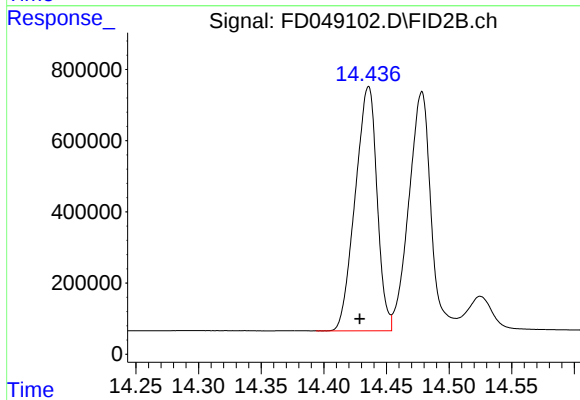
R.T.: 12.272 min
Delta R.T.: 0.005 min
Response: 9098752
Conc: 58.96 ug/ml



#13 Pyrene (C20.8)

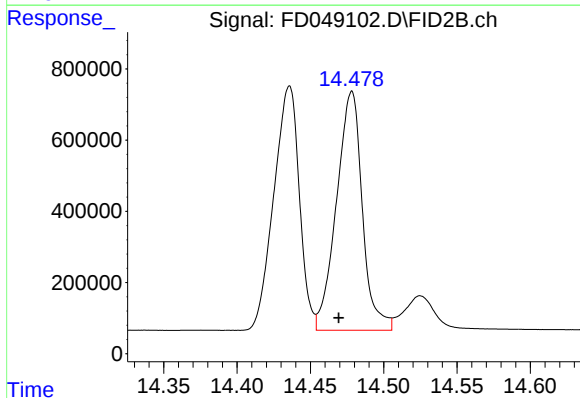
R.T.: 12.565 min
Delta R.T.: 0.006 min
Response: 8920599
Conc: 57.90 ug/ml

Instrument :
FID_D
ClientSampleId :



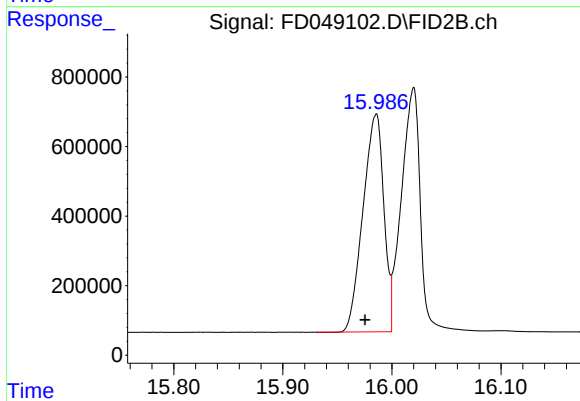
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.436 min
Delta R.T.: 0.007 min
Response: 8323275
Conc: 63.35 ug/ml



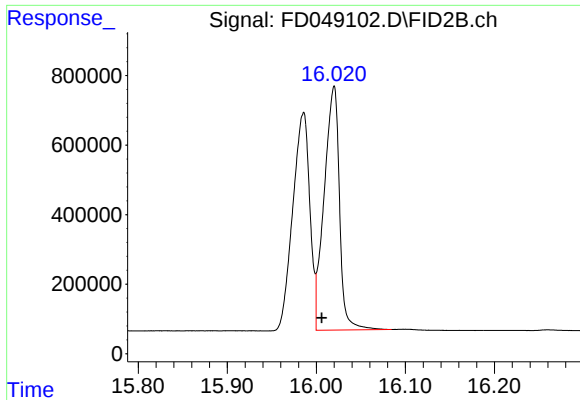
#15 Chrysene (C27.41)

R.T.: 14.478 min
Delta R.T.: 0.009 min
Response: 8230352
Conc: 50.90 ug/ml



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

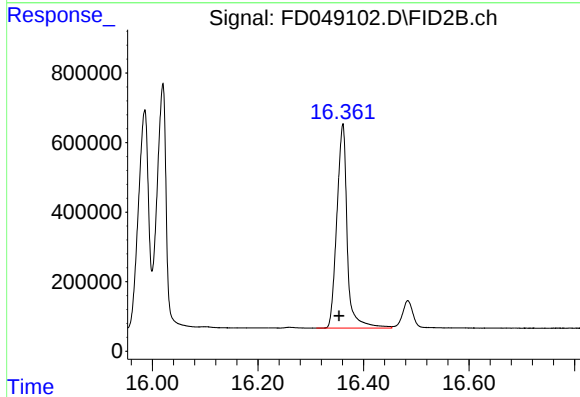
R.T.: 15.985 min
Delta R.T.: 0.010 min
Response: 8299332
Conc: 60.32 ug/ml



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

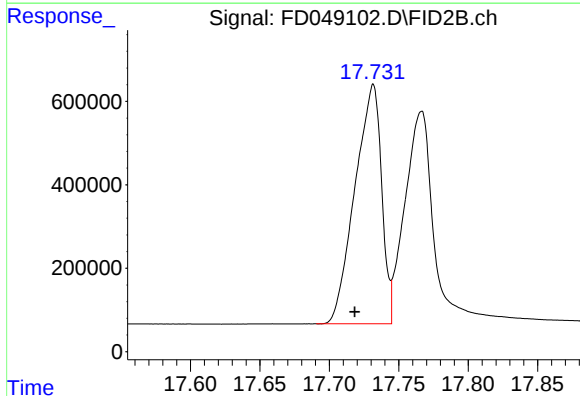
R.T.: 16.020 min
Delta R.T.: 0.014 min
Response: 8407118
Conc: 53.23 ug/ml

Instrument :
FID_D
ClientSampleId :



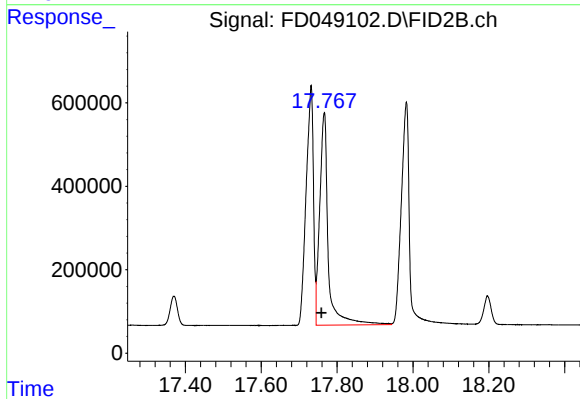
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: 0.007 min
Response: 8002901
Conc: 58.96 ug/ml



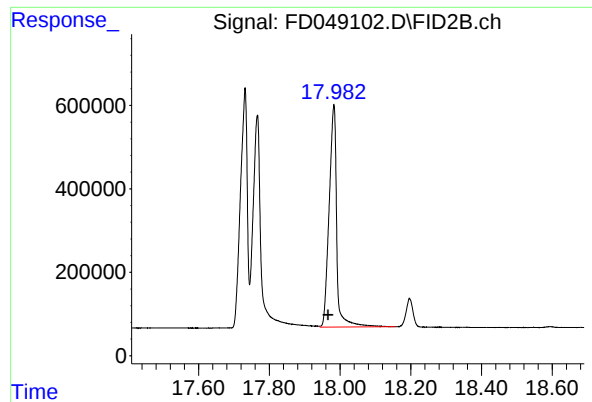
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.732 min
Delta R.T.: 0.013 min
Response: 7642522
Conc: 69.94 ug/ml



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

R.T.: 17.766 min
Delta R.T.: 0.007 min
Response: 7956870
Conc: 51.29 ug/ml



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

R.T.: 17.983 min
Delta R.T.: 0.017 min
Response: 7959297
Conc: 54.91 ug/ml

Instrument :

FID_D

ClientSampleId :