

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092525AR\
 Data File : FD049752.D
 Signal(s) : FID2B.ch
 Acq On : 25 Sep 2025 11:24
 Operator : YP/AJ
 Sample : PB169821BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 29 08:01:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:31:58 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...	7.698	4076438	36.247 ug/ml
Spiked Amount 50.000		Recovery =	72.49%
6) S 2-Fluorobiphenyl (SURR)	8.563	2895931	36.077 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	72.15%
11) S ortho-Terphenyl (SURR)	11.611	5835165	41.243 ug/ml
Spiked Amount 50.000		Recovery =	82.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.489	3261219	30.266 ug/ml
2) T Naphthalene (C11.7)	6.032	4012924	32.269 ug/ml
3) T 2-Methylnaphthalene (...)	7.086	4035891	30.966 ug/ml
5) T Acenaphthylene (C15.06)	8.366	4893686	35.298 ug/ml
7) T Acenaphthene (C15.5)	8.663	4972082	35.867 ug/ml
8) T Flouorene (C16.55)	9.445	5366816	38.690 ug/ml
9) T Phenanthrene (C19.36)	10.844	5748079	41.263 ug/ml
10) T Anthracene (C19.43)	10.920	5475127	41.465 ug/ml
12) T Fluoranthene (C21.85)	12.659	5966260	44.303 ug/ml
13) T Pyrene (C20.8)	12.958	6005046	45.143 ug/ml
14) T Benzo[a]anthracene (C...	14.830	5568226	46.563 ug/ml
15) T Chrysene (C27.41)	14.874	6088811	50.051 ug/ml
16) T benzo[b]fluoranthene ...	16.382	5395818	45.014 ug/ml
17) T Bnezo[k]fluoranthene ...	16.417	5303141	47.066 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.762	5194698	44.268 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.128	5369783	49.359 ug/ml
20) T Dibenz[a,h]anthracene...	18.167	5005405	43.927 ug/ml
21) T Benzo[g,h,i]perylene ...	18.383	4760105	40.909 ug/ml

(f)=RT Delta > 1/2 Window

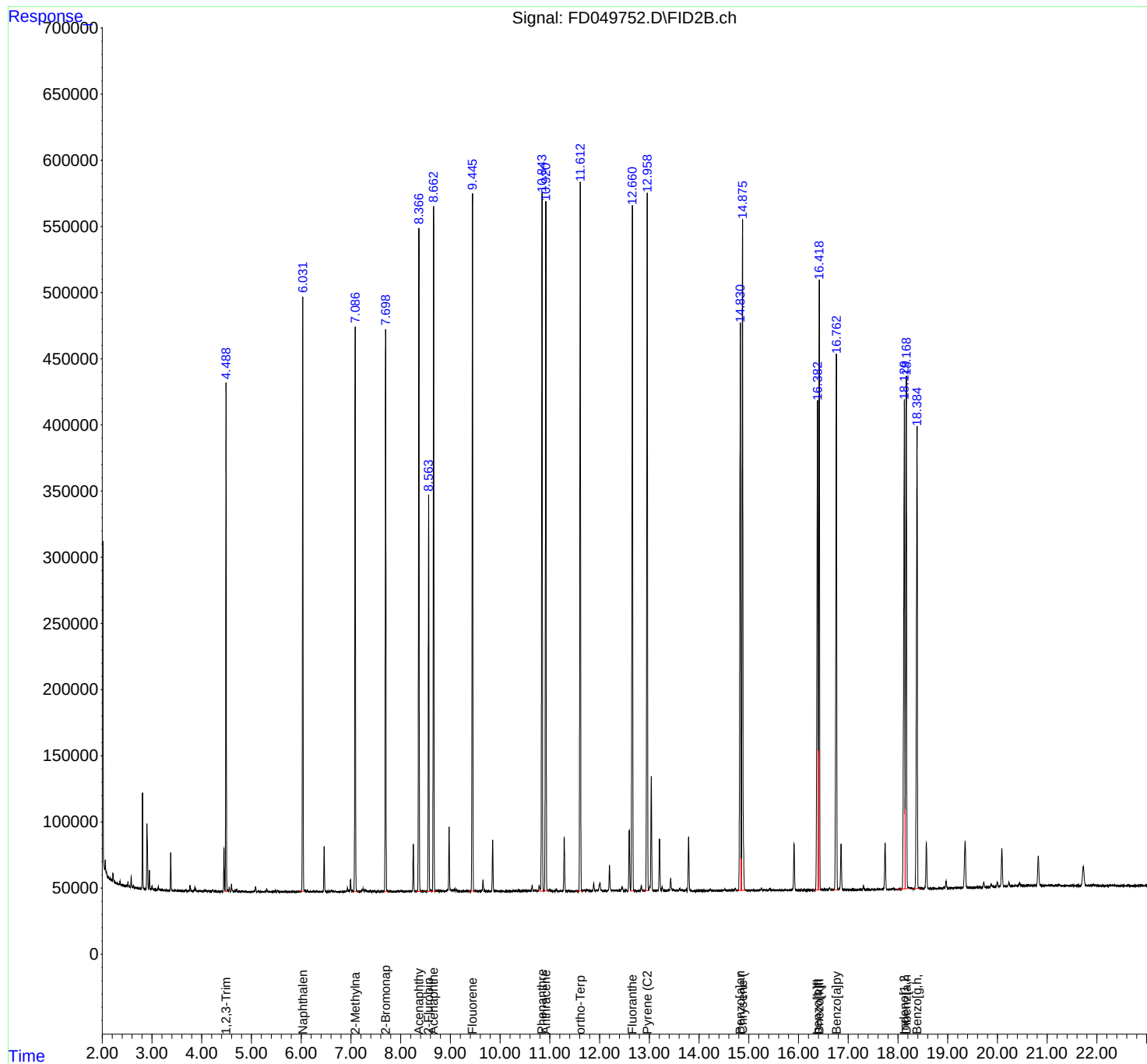
(m)=manual int.

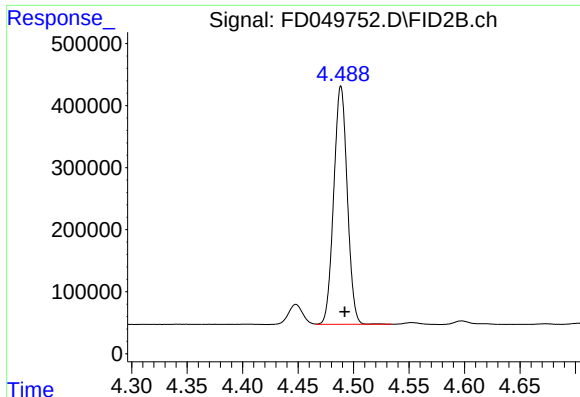
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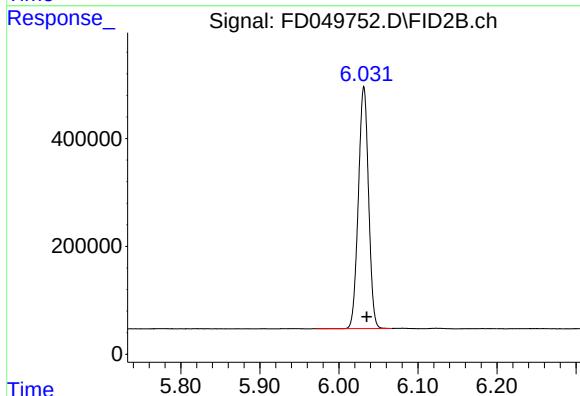




#1 1,2,3-Trimethylbenzene (C10.1)

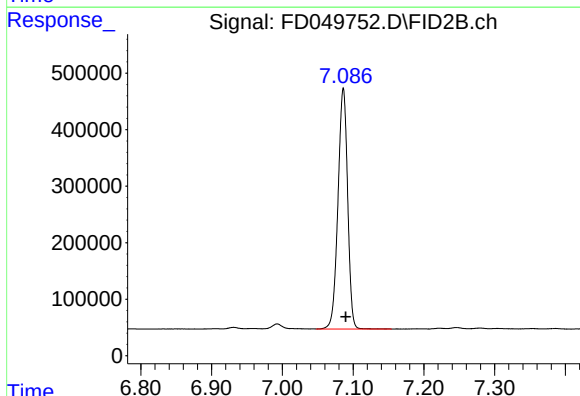
R.T.: 4.489 min
Delta R.T.: -0.003 min
Response: 3261219
Conc: 30.27 ug/ml

Instrument :
FID_D
ClientSampleId :



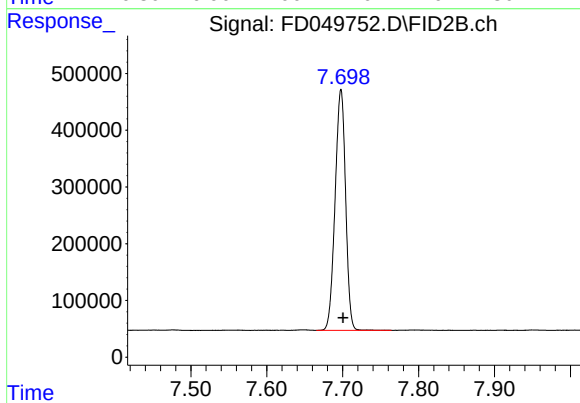
#2 Naphthalene (C11.7)

R.T.: 6.032 min
Delta R.T.: -0.004 min
Response: 4012924
Conc: 32.27 ug/ml



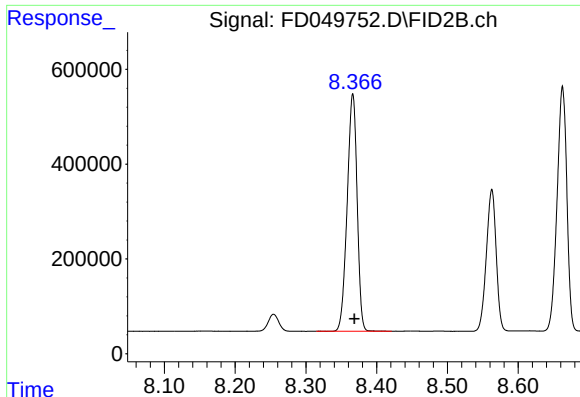
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 4035891
Conc: 30.97 ug/ml



#4 2-Bromonaphthalene (SURR)

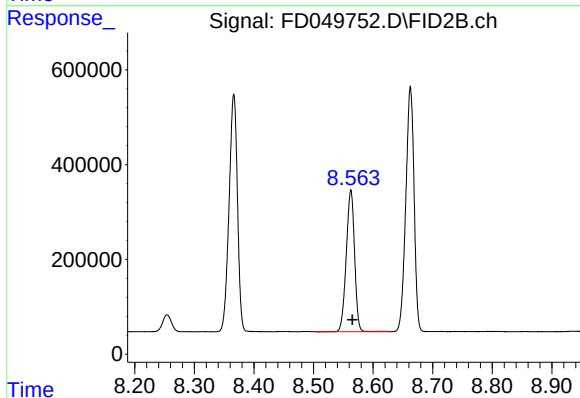
R.T.: 7.698 min
Delta R.T.: -0.003 min
Response: 4076438
Conc: 36.25 ug/ml



#5 Acenaphthylene (C15.06)

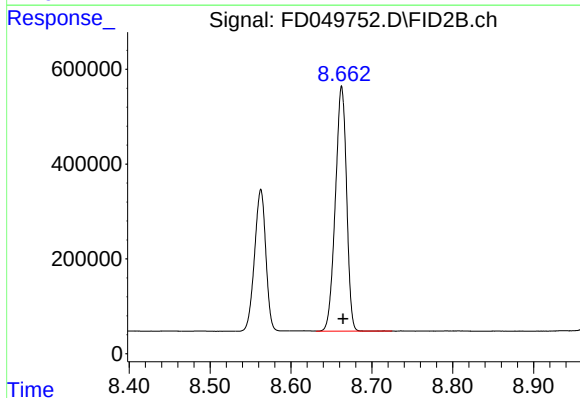
R.T.: 8.366 min
Delta R.T.: -0.002 min
Response: 4893686
Conc: 35.30 ug/ml

Instrument :
FID_D
ClientSampleId :



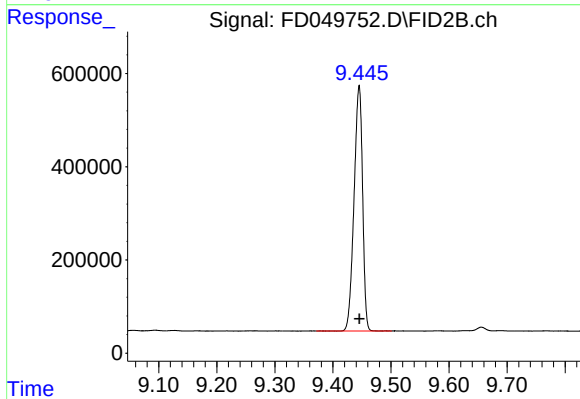
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.563 min
Delta R.T.: -0.003 min
Response: 2895931
Conc: 36.08 ug/ml



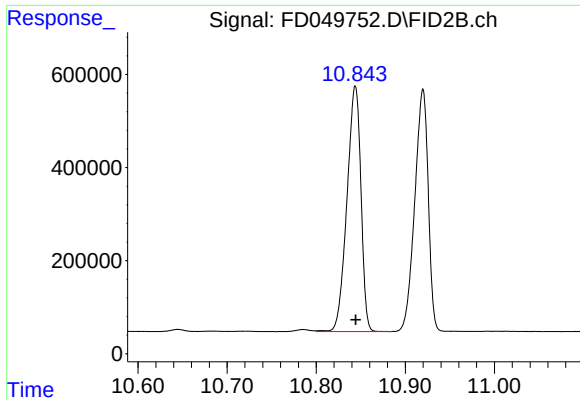
#7 Acenaphthene (C15.5)

R.T.: 8.663 min
Delta R.T.: -0.002 min
Response: 4972082
Conc: 35.87 ug/ml



#8 Fluorene (C16.55)

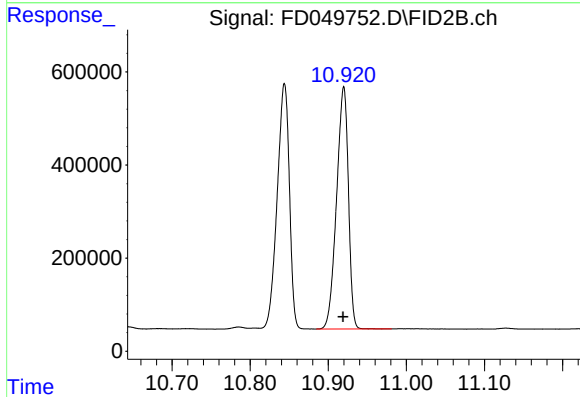
R.T.: 9.445 min
Delta R.T.: -0.001 min
Response: 5366816
Conc: 38.69 ug/ml



#9 Phenanthrene (C19.36)

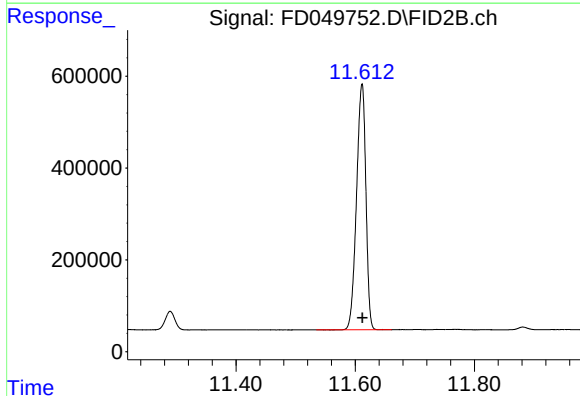
R.T.: 10.844 min
Delta R.T.: 0.000 min
Response: 5748079
Conc: 41.26 ug/ml

Instrument :
FID_D
ClientSampleId :



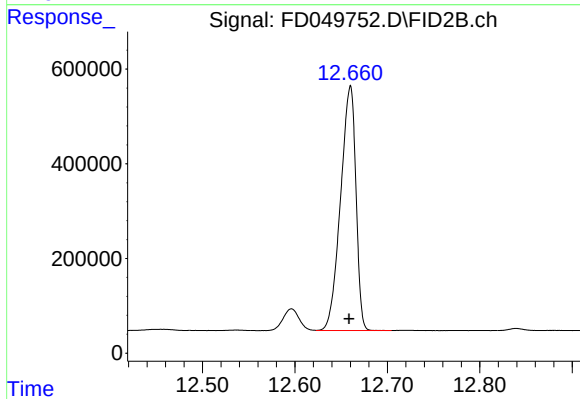
#10 Anthracene (C19.43)

R.T.: 10.920 min
Delta R.T.: 0.000 min
Response: 5475127
Conc: 41.47 ug/ml



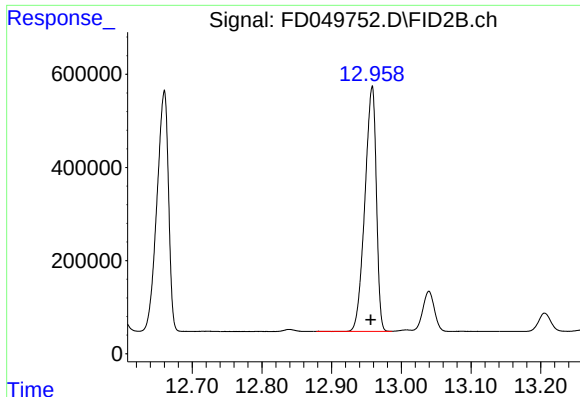
#11 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: -0.001 min
Response: 5835165
Conc: 41.24 ug/ml



#12 Fluoranthene (C21.85)

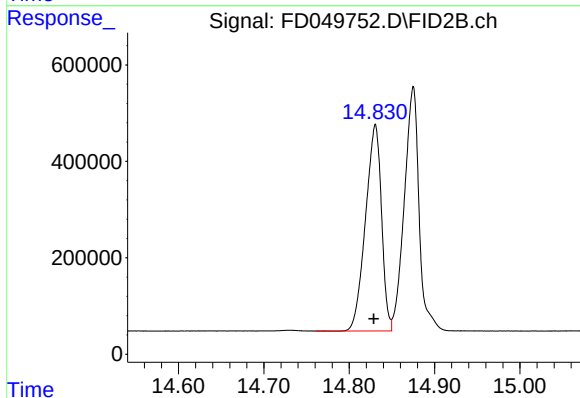
R.T.: 12.659 min
Delta R.T.: 0.000 min
Response: 5966260
Conc: 44.30 ug/ml



#13 Pyrene (C20.8)

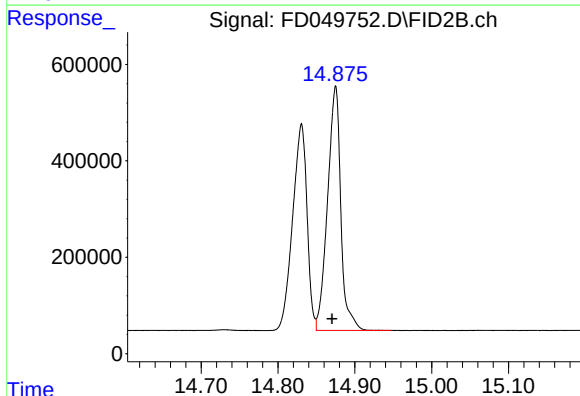
R.T.: 12.958 min
Delta R.T.: 0.001 min
Response: 6005046
Conc: 45.14 ug/ml

Instrument :
FID_D
ClientSampleId :



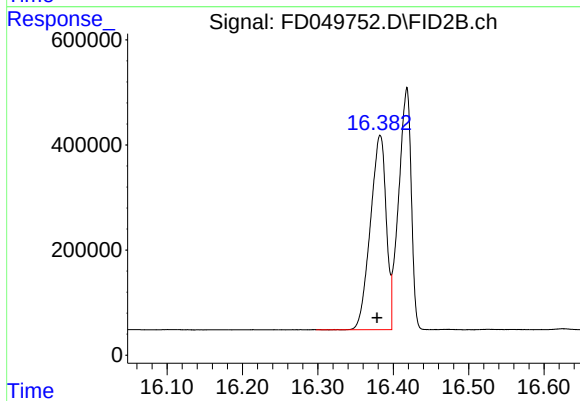
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.830 min
Delta R.T.: 0.001 min
Response: 5568226
Conc: 46.56 ug/ml



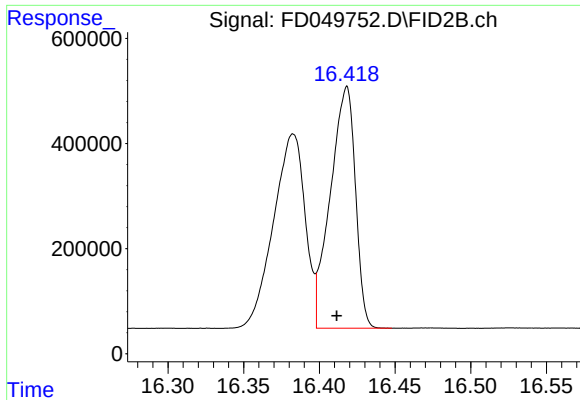
#15 Chrysene (C27.41)

R.T.: 14.874 min
Delta R.T.: 0.004 min
Response: 6088811
Conc: 50.05 ug/ml



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

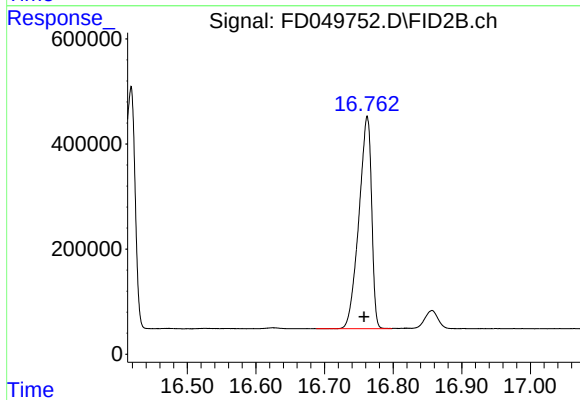
R.T.: 16.382 min
Delta R.T.: 0.004 min
Response: 5395818
Conc: 45.01 ug/ml



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

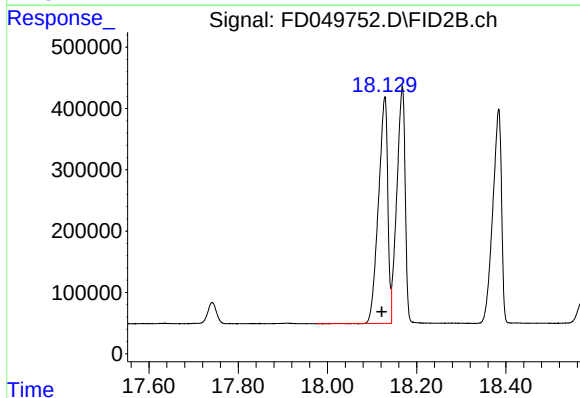
R.T.: 16.417 min
Delta R.T.: 0.006 min
Response: 5303141
Conc: 47.07 ug/ml

Instrument :
FID_D
ClientSampleId :



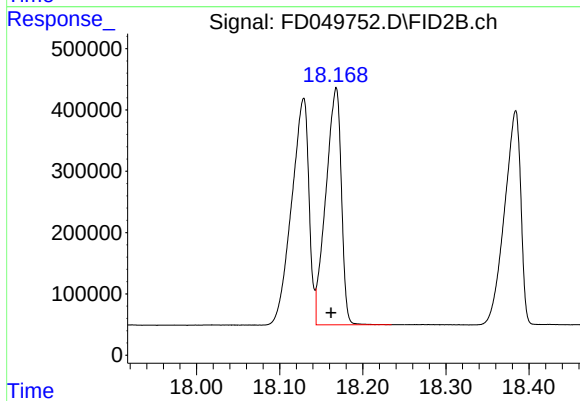
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.762 min
Delta R.T.: 0.004 min
Response: 5194698
Conc: 44.27 ug/ml



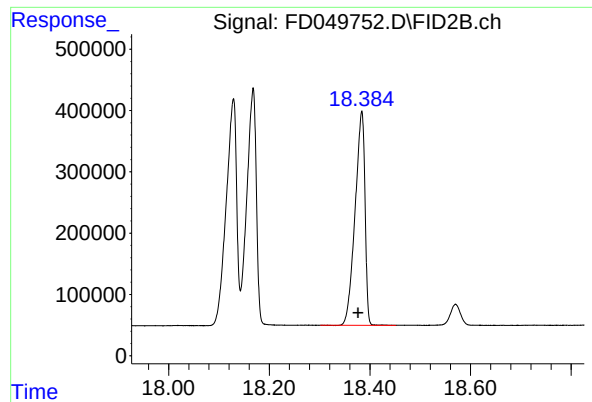
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.128 min
Delta R.T.: 0.006 min
Response: 5369783
Conc: 49.36 ug/ml



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

R.T.: 18.167 min
Delta R.T.: 0.005 min
Response: 5005405
Conc: 43.93 ug/ml



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

R.T.: 18.383 min
Delta R.T.: 0.007 min
Response: 4760105
Conc: 40.91 ug/ml

Instrument :

FID_D

ClientSampleId :