

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090425AR\
 Data File : FD049719.D
 Signal(s) : FID2B.ch
 Acq On : 04 Sep 2025 10:16
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 05 06:20:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090425.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 05 06:18:55 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...	7.699	5439535	48.246 ug/ml
Spiked Amount 50.000		Recovery =	96.49%
6) S 2-Fluorobiphenyl (SURR)	8.564	3904709	48.137 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.27%
11) S ortho-Terphenyl (SURR)	11.611	6776278	47.300 ug/ml
Spiked Amount 50.000		Recovery =	94.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.488	5097348	47.360 ug/ml
2) T Naphthalene (C11.7)	6.033	5988739	48.083 ug/ml
3) T 2-Methylnaphthalene (...)	7.088	6309415	48.270 ug/ml
5) T Acenaphthylene (C15.06)	8.368	6676398	47.873 ug/ml
7) T Acenaphthene (C15.5)	8.665	6676140	47.850 ug/ml
8) T Flouorene (C16.55)	9.446	6718389	47.909 ug/ml
9) T Phenanthrene (C19.36)	10.845	6815270	48.006 ug/ml
10) T Anthracene (C19.43)	10.920	6448326	48.075 ug/ml
12) T Fluoranthene (C21.85)	12.660	6577964	48.171 ug/ml
13) T Pyrene (C20.8)	12.958	6507375	48.234 ug/ml
14) T Benzo[a]anthracene (C...	14.831	5800499	48.158 ug/ml
15) T Chrysene (C27.41)	14.875	5856393	47.993 ug/ml
16) T benzo[b]fluoranthene ...	16.382	5727605	47.414 ug/ml
17) T Bnezo[k]fluoranthene ...	16.417	5322884	46.550 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.762	5566382	46.730 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.127	5209247	47.008 ug/ml
20) T Dibenz[a,h]anthracene...	18.167	5337048	45.375 ug/ml
21) T Benzo[g,h,i]perylene ...	18.385	5513508	46.261 ug/ml

(f)=RT Delta > 1/2 Window

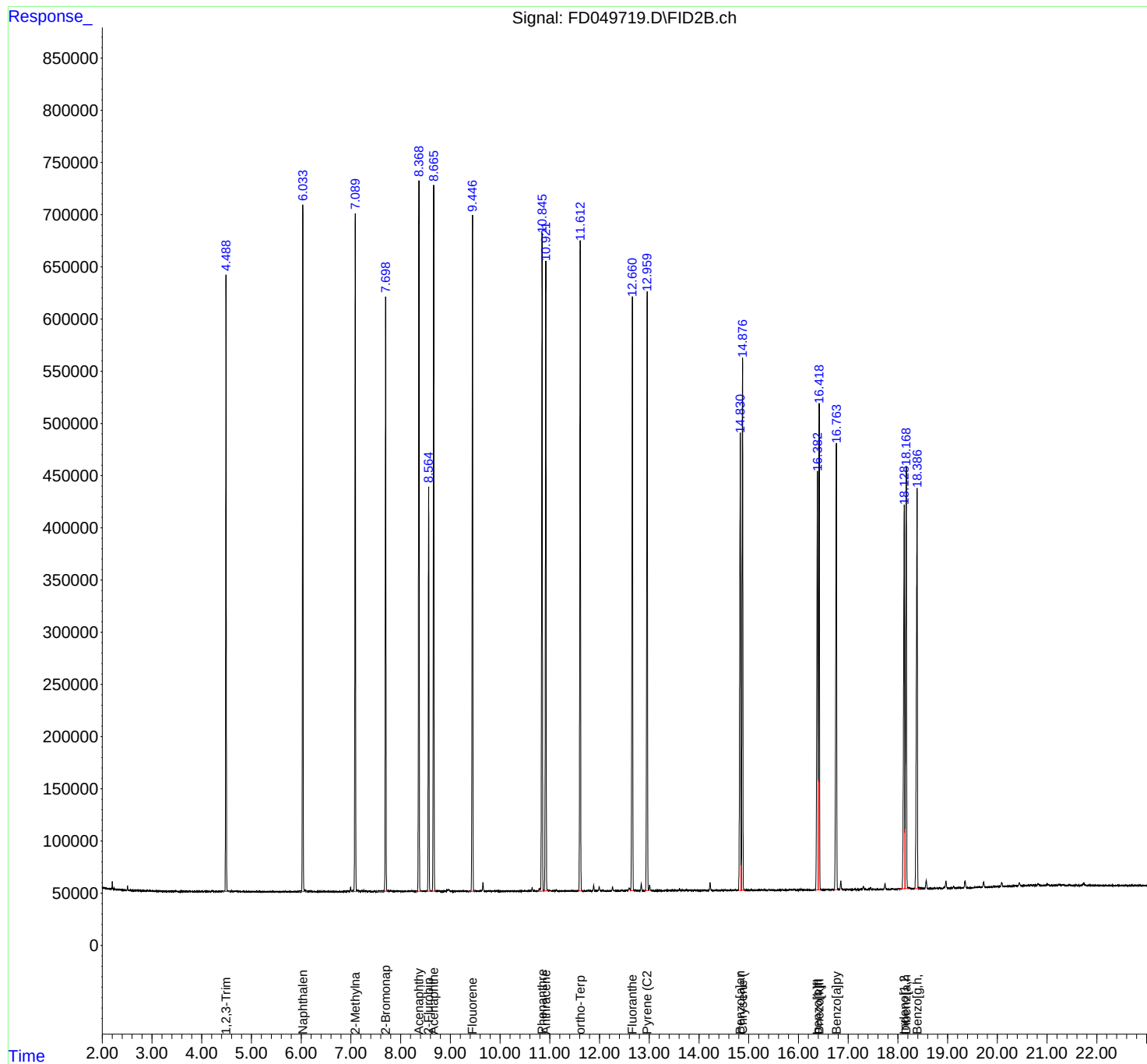
(m)=manual int.

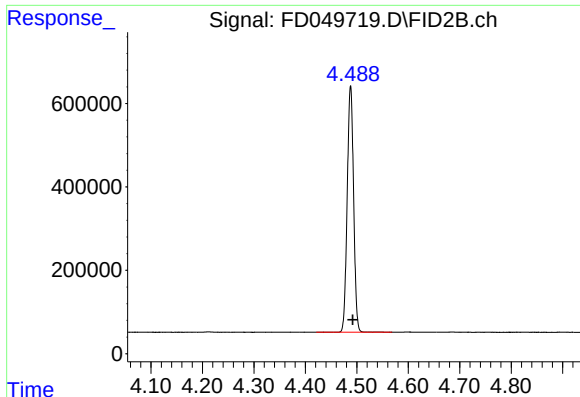
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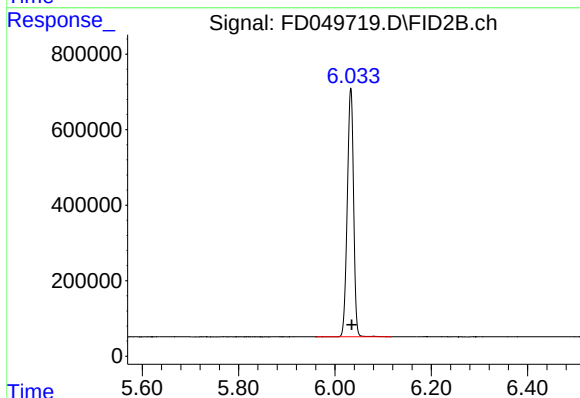




#1 1,2,3-Trimethylbenzene (C10.1)

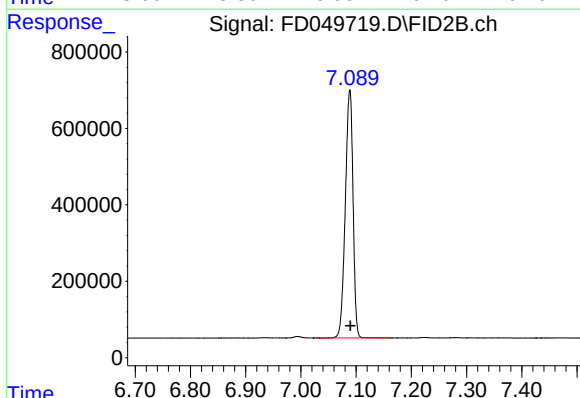
R.T.: 4.488 min
Delta R.T.: -0.004 min
Response: 5097348
Conc: 47.36 ug/ml

Instrument :
FID_D
ClientSampleId :



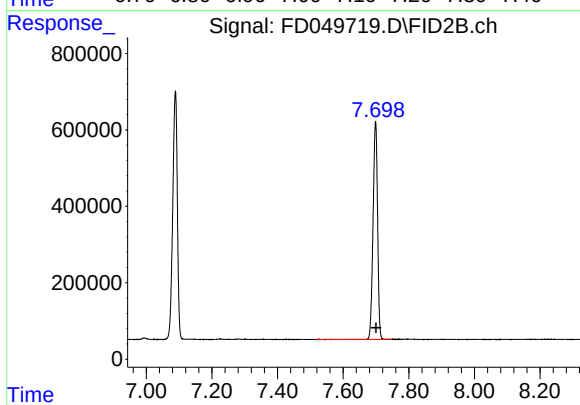
#2 Naphthalene (C11.7)

R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 5988739
Conc: 48.08 ug/ml



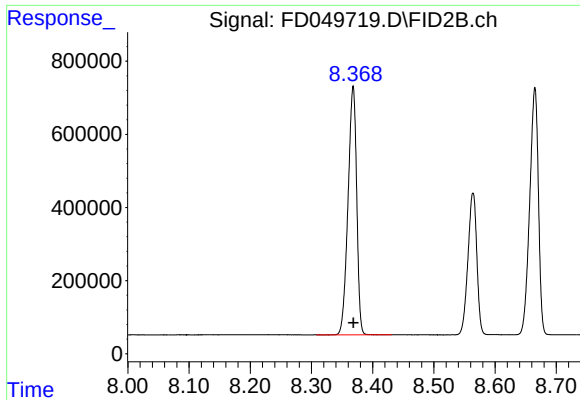
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 6309415
Conc: 48.27 ug/ml



#4 2-Bromonaphthalene (SURR)

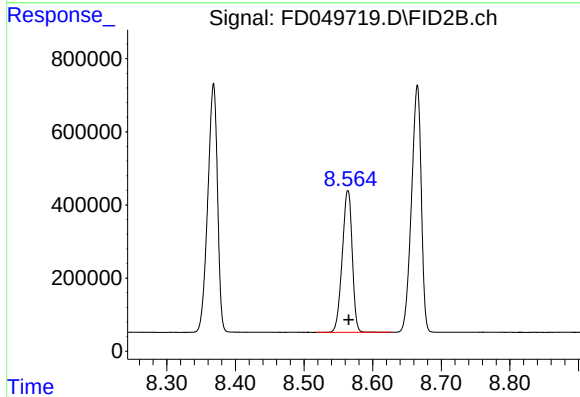
R.T.: 7.699 min
Delta R.T.: -0.002 min
Response: 5439535
Conc: 48.25 ug/ml



#5 Acenaphthylene (C15.06)

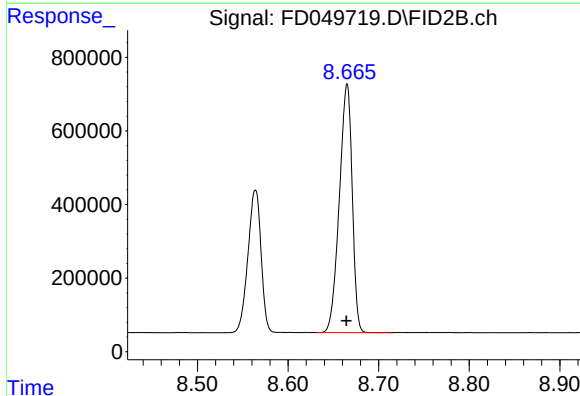
R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 6676398
Conc: 47.87 ug/ml

Instrument :
FID_D
ClientSampleId :



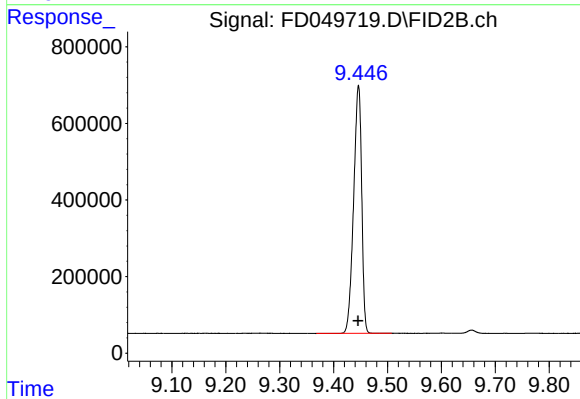
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.564 min
Delta R.T.: -0.001 min
Response: 3904709
Conc: 48.14 ug/ml



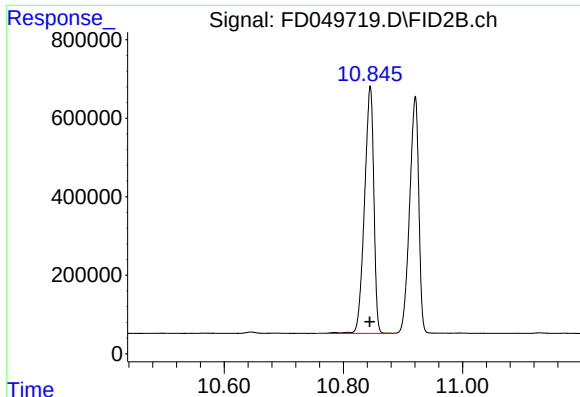
#7 Acenaphthene (C15.5)

R.T.: 8.665 min
Delta R.T.: 0.000 min
Response: 6676140
Conc: 47.85 ug/ml



#8 Fluorene (C16.55)

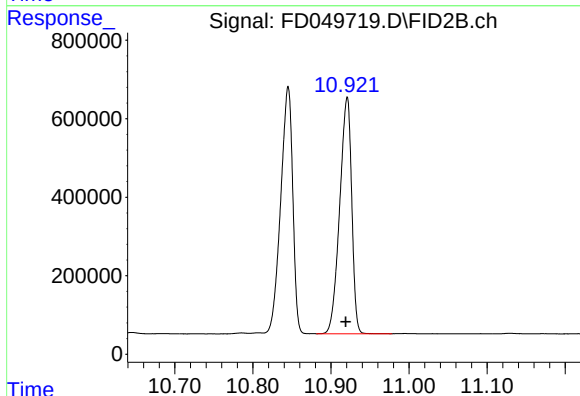
R.T.: 9.446 min
Delta R.T.: 0.000 min
Response: 6718389
Conc: 47.91 ug/ml



#9 Phenanthrene (C19.36)

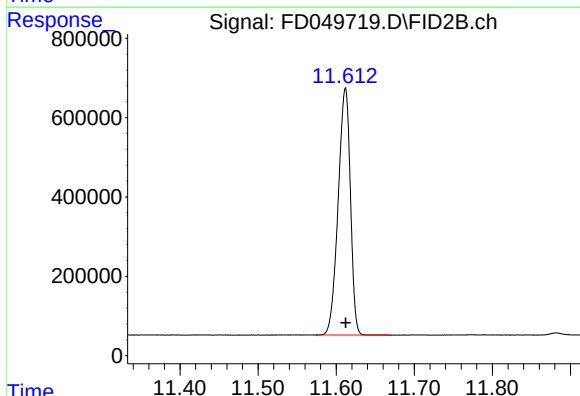
R.T.: 10.845 min
Delta R.T.: 0.000 min
Response: 6815270
Conc: 48.01 ug/ml

Instrument :
FID_D
ClientSampleId :



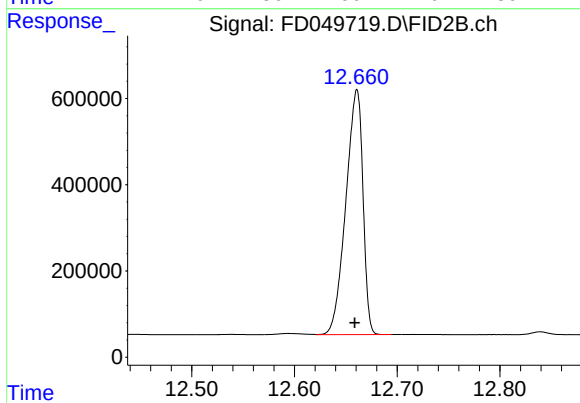
#10 Anthracene (C19.43)

R.T.: 10.920 min
Delta R.T.: 0.001 min
Response: 6448326
Conc: 48.07 ug/ml



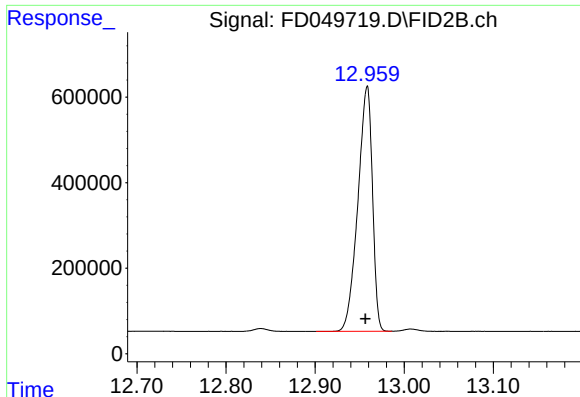
#11 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: 0.000 min
Response: 6776278
Conc: 47.30 ug/ml



#12 Fluoranthene (C21.85)

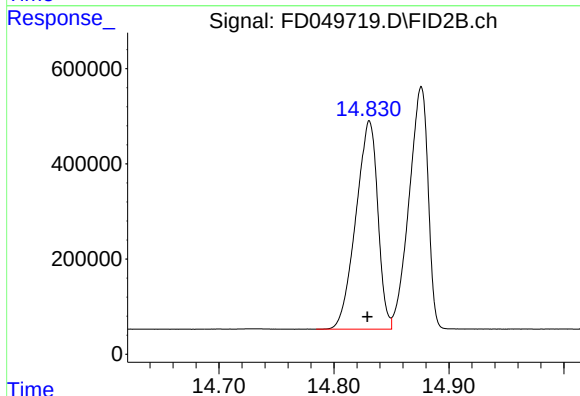
R.T.: 12.660 min
Delta R.T.: 0.002 min
Response: 6577964
Conc: 48.17 ug/ml



#13 Pyrene (C20.8)

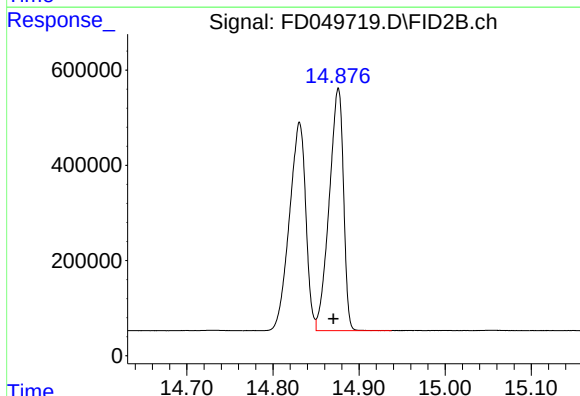
R.T.: 12.958 min
Delta R.T.: 0.001 min
Response: 6507375
Conc: 48.23 ug/ml

Instrument :
FID_D
ClientSampleId :



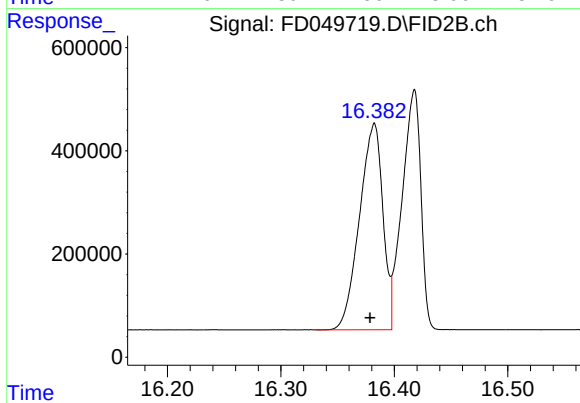
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.831 min
Delta R.T.: 0.002 min
Response: 5800499
Conc: 48.16 ug/ml



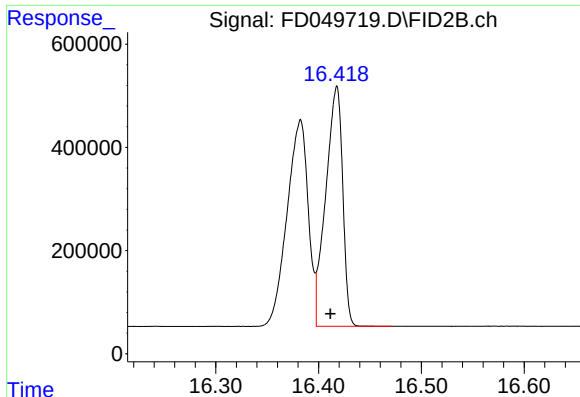
#15 Chrysene (C27.41)

R.T.: 14.875 min
Delta R.T.: 0.005 min
Response: 5856393
Conc: 47.99 ug/ml



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

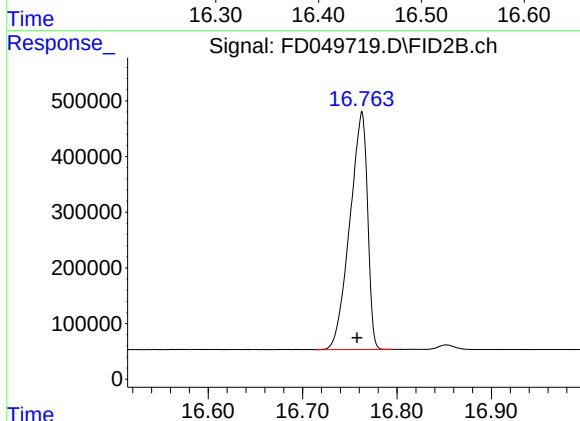
R.T.: 16.382 min
Delta R.T.: 0.003 min
Response: 5727605
Conc: 47.41 ug/ml



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

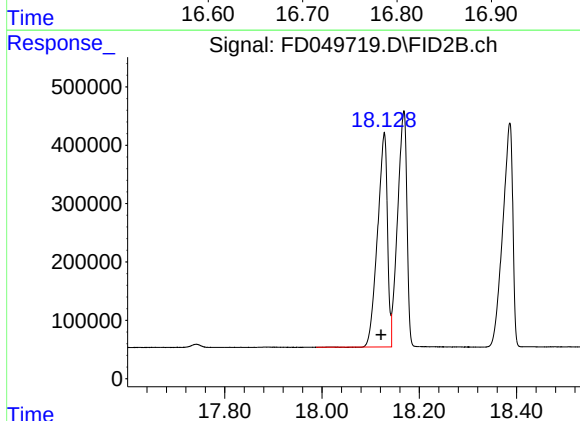
R.T.: 16.417 min
Delta R.T.: 0.006 min
Response: 5322884
Conc: 46.55 ug/ml

Instrument :
FID_D
ClientSampleId :



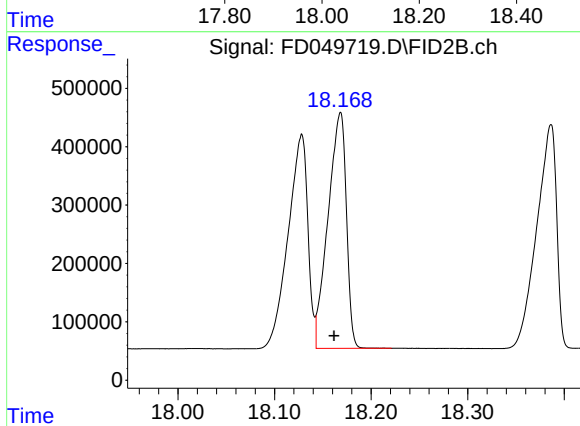
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.762 min
Delta R.T.: 0.004 min
Response: 5566382
Conc: 46.73 ug/ml



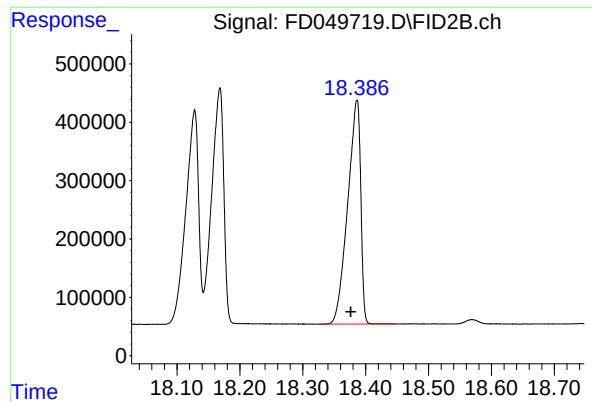
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.127 min
Delta R.T.: 0.006 min
Response: 5209247
Conc: 47.01 ug/ml



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

R.T.: 18.167 min
Delta R.T.: 0.006 min
Response: 5337048
Conc: 45.38 ug/ml



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

R.T.: 18.385 min
Delta R.T.: 0.009 min
Response: 5513508
Conc: 46.26 ug/ml

Instrument :

FID_D

ClientSampleId :