

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051923AR\
 Data File : FD045703.D
 Signal(s) : FID2B.ch
 Acq On : 20 May 2023 10:01
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: May 20 10:31:55 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 2023
 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...	7.540	3841390	22.521 ug/ml
Spiked Amount 50.000		Recovery =	45.04%
6) S 2-Fluorobiphenyl (SURR)	8.396	2594672	22.567 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.13%
11) S ortho-Terphenyl (SURR)	11.436	4727462	22.392 ug/ml
Spiked Amount 50.000		Recovery =	44.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.347	4250515	22.771 ug/ml
2) T Naphthalene (C11.7)	5.878	4459070	22.669 ug/ml
3) T 2-Methylnaphthalene (...)	6.928	4466879	22.612 ug/ml
5) T Acenaphthylene (C15.06)	8.200	3963588	22.061 ug/ml
7) T Acenaphthene (C15.5)	8.496	4282764	22.505 ug/ml
8) T Fluorene (C16.55)	9.274	4212849	22.338 ug/ml
9) T Phenanthrene (C19.36)	10.664	4083795	21.971 ug/ml
10) T Anthracene (C19.43)	10.739	3255177	18.208 ug/ml
12) T Fluoranthene (C21.85)	12.469	3967473	21.993 ug/ml
13) T Pyrene (C20.8)	12.763	3813219	21.757 ug/ml
14) T Benzo[a]anthracene (C...	14.627	3349670	21.045 ug/ml
15) T Chrysene (C27.41)	14.670	3531111	21.746 ug/ml
16) T benzo[b]fluoranthene ...	16.168	3153381	21.411 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	3224670	22.302 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.543	2879222	20.650 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	2825408	22.238 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	3111580	24.228 ug/ml
21) T Benzo[g,h,i]perylene ...	18.153	2848959	22.149 ug/ml

(f)=RT Delta > 1/2 Window

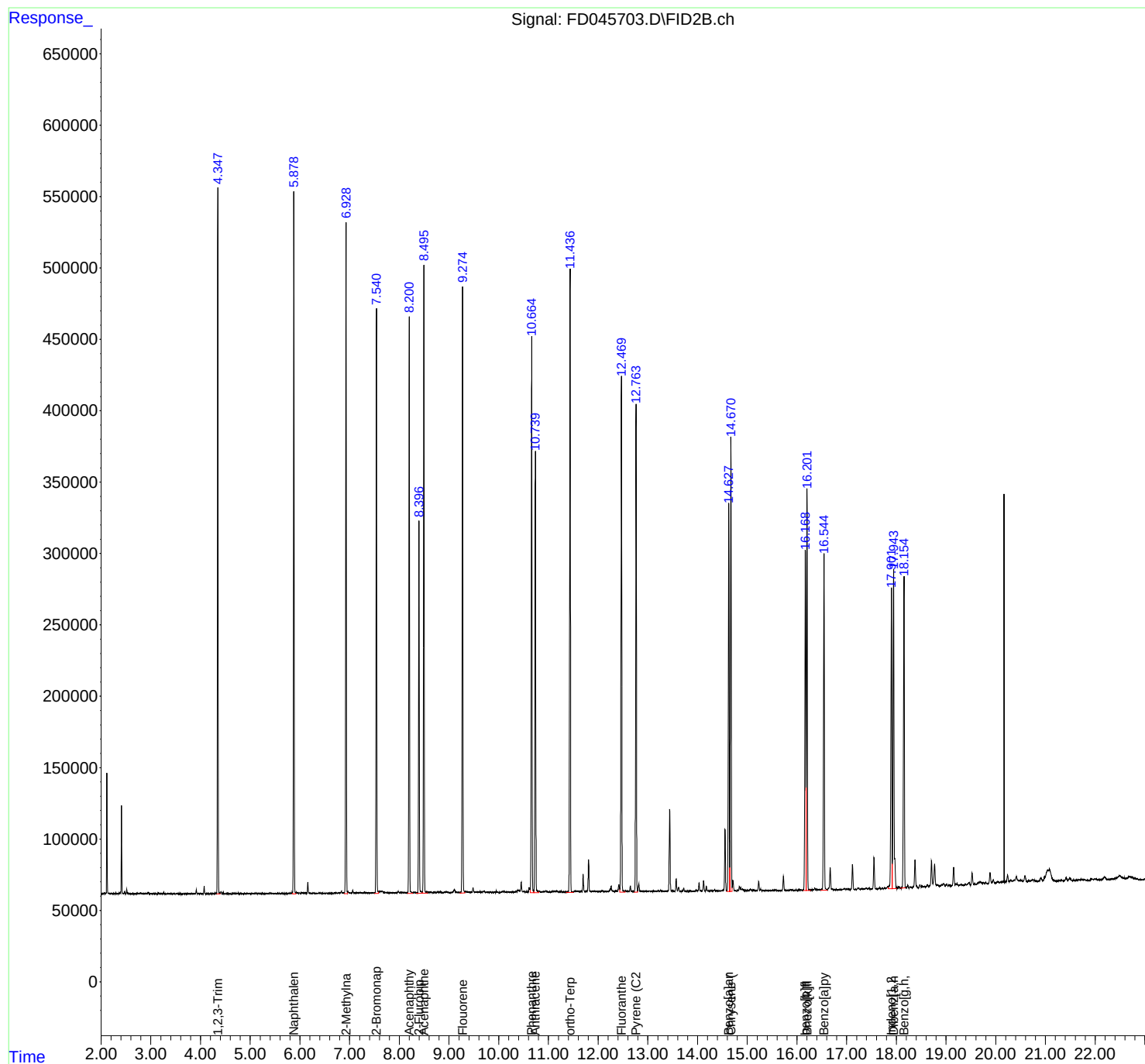
(m)=manual int.

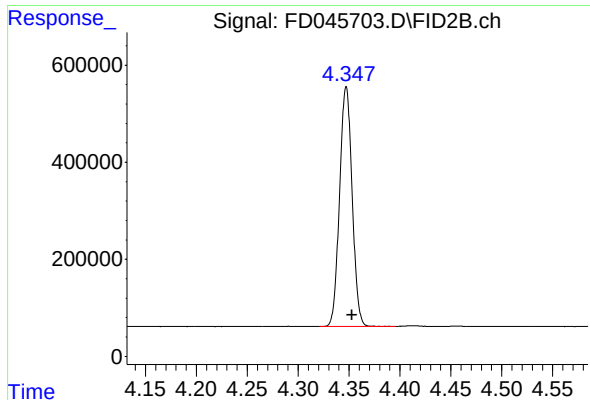
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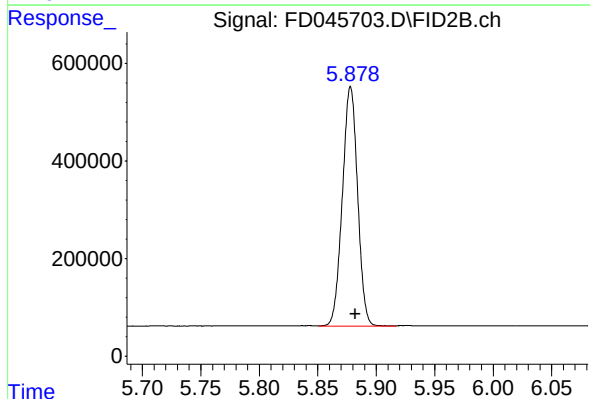




#1 1,2,3-Trimethylbenzene (C10.1)

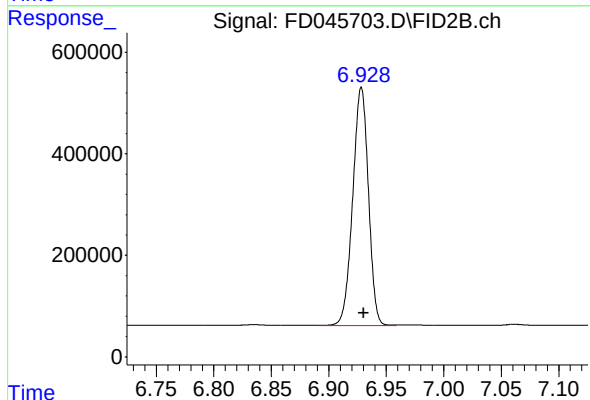
R.T.: 4.347 min
Delta R.T.: -0.006 min
Response: 4250515
Conc: 22.77 ug/ml

Instrument :
FID_D
ClientSampleId :



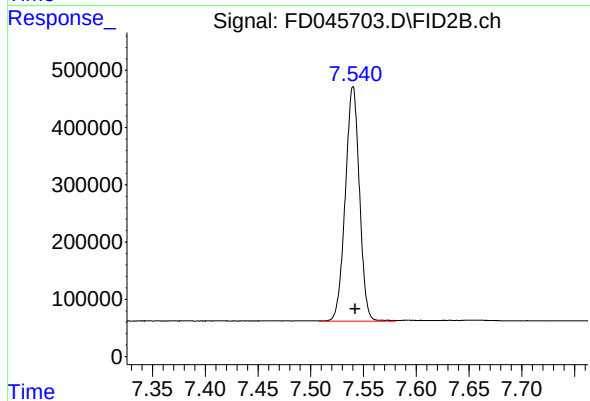
#2 Naphthalene (C11.7)

R.T.: 5.878 min
Delta R.T.: -0.004 min
Response: 4459070
Conc: 22.67 ug/ml



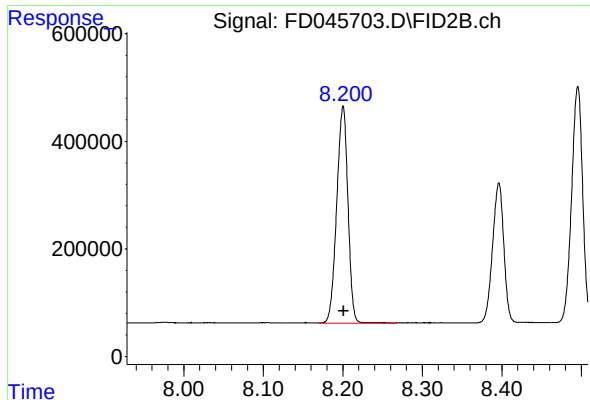
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 4466879
Conc: 22.61 ug/ml



#4 2-Bromonaphthalene (SURR)

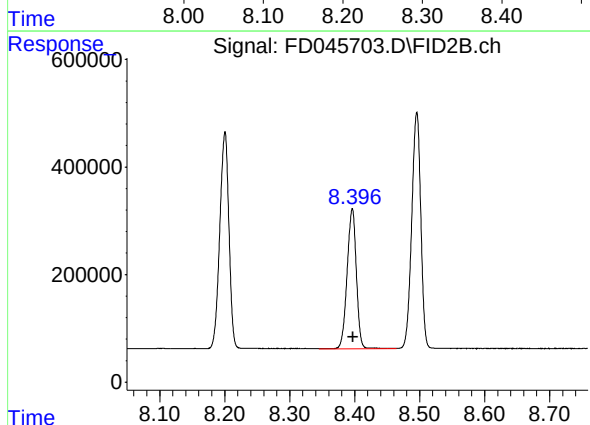
R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 3841390
Conc: 22.52 ug/ml



#5 Acenaphthylene (C15.06)

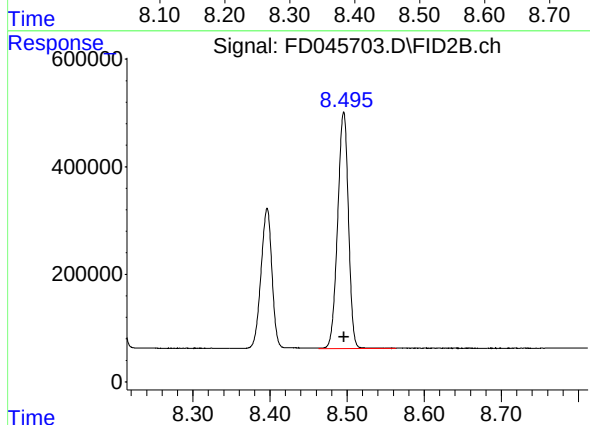
R.T.: 8.200 min
Delta R.T.: 0.000 min
Response: 3963588
Conc: 22.06 ug/ml

Instrument :
FID_D
ClientSampleId :



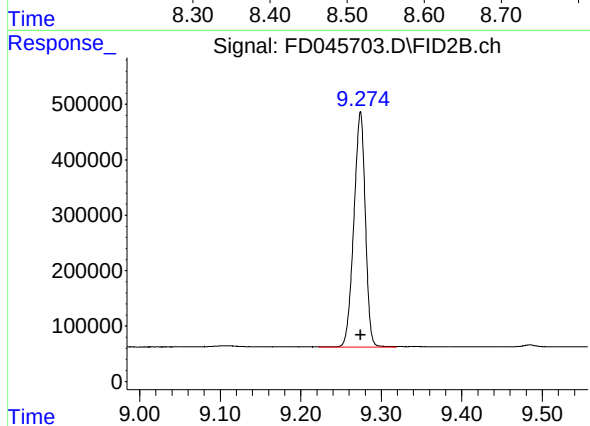
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.396 min
Delta R.T.: 0.000 min
Response: 2594672
Conc: 22.57 ug/ml



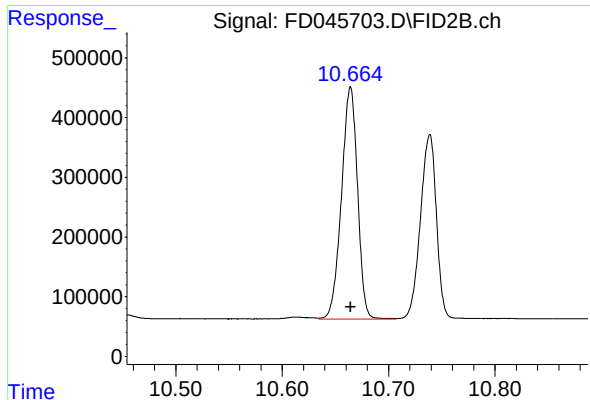
#7 Acenaphthene (C15.5)

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 4282764
Conc: 22.51 ug/ml



#8 Flouorene (C16.55)

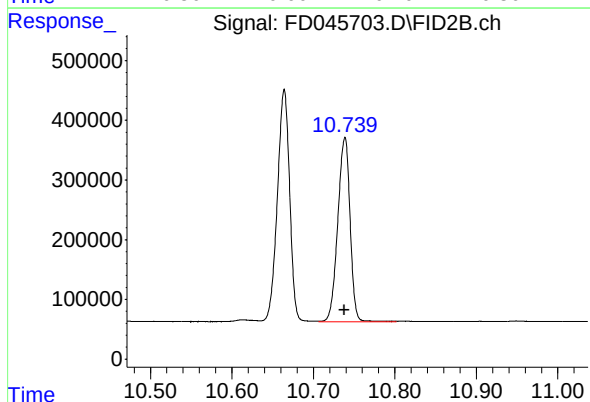
R.T.: 9.274 min
Delta R.T.: 0.000 min
Response: 4212849
Conc: 22.34 ug/ml



#9 Phenanthrene (C19.36)

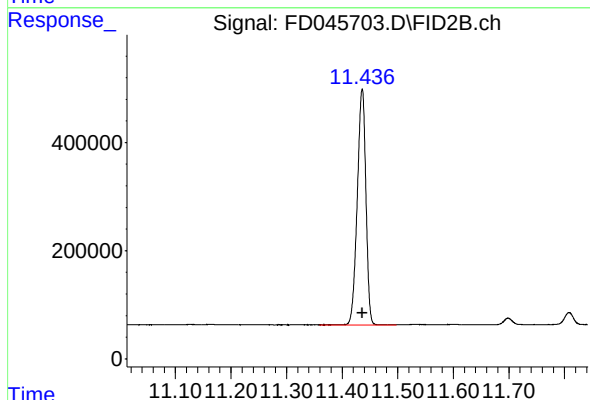
R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 4083795
Conc: 21.97 ug/ml

Instrument :
FID_D
ClientSampleId :



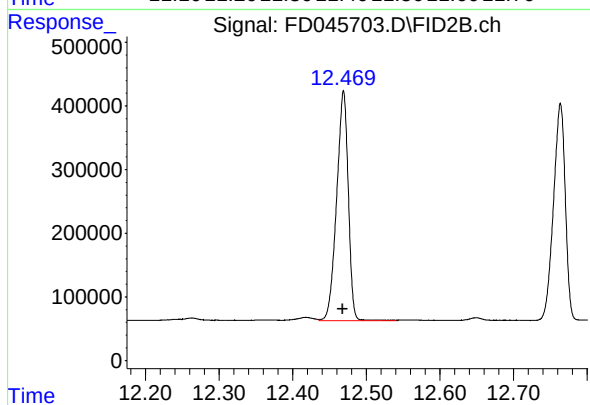
#10 Anthracene (C19.43)

R.T.: 10.739 min
Delta R.T.: 0.000 min
Response: 3255177
Conc: 18.21 ug/ml



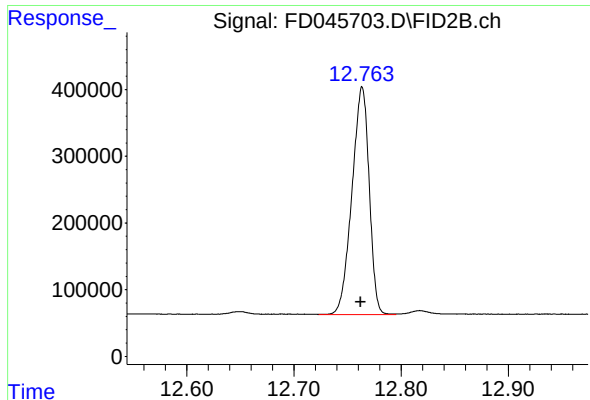
#11 ortho-Terphenyl (SURRE)

R.T.: 11.436 min
Delta R.T.: 0.000 min
Response: 4727462
Conc: 22.39 ug/ml



#12 Fluoranthene (C21.85)

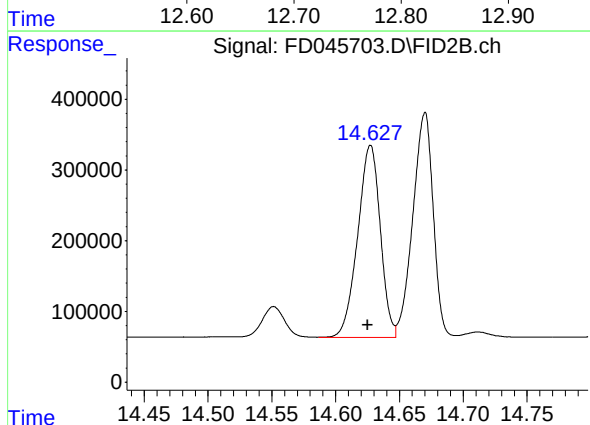
R.T.: 12.469 min
Delta R.T.: 0.000 min
Response: 3967473
Conc: 21.99 ug/ml



#13 Pyrene (C20.8)

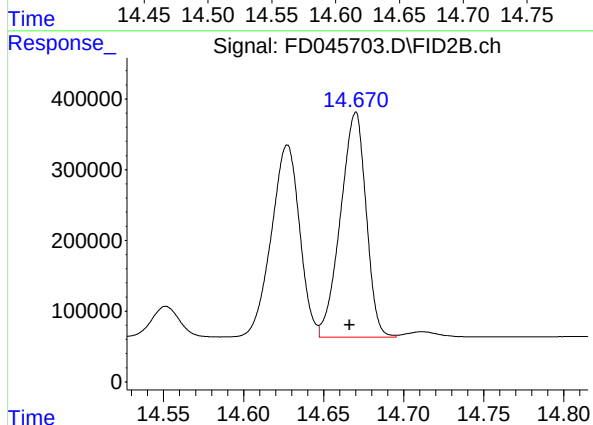
R.T.: 12.763 min
Delta R.T.: 0.000 min
Response: 3813219
Conc: 21.76 ug/ml

Instrument :
FID_D
ClientSampleId :



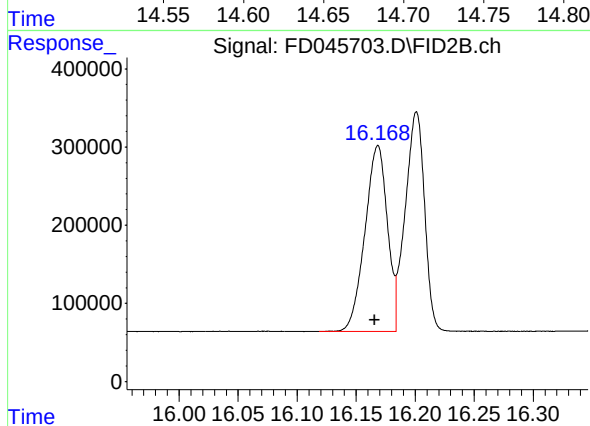
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.627 min
Delta R.T.: 0.002 min
Response: 3349670
Conc: 21.04 ug/ml



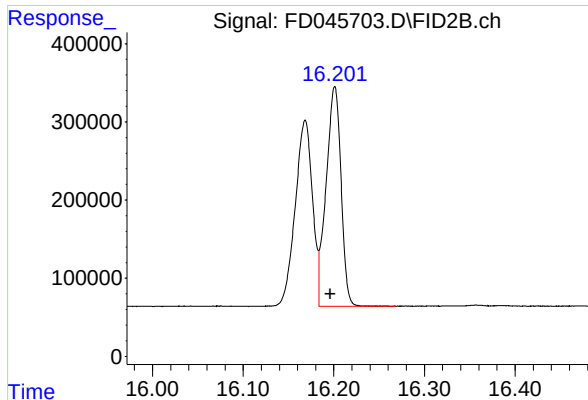
#15 Chrysene (C27.41)

R.T.: 14.670 min
Delta R.T.: 0.003 min
Response: 3531111
Conc: 21.75 ug/ml



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

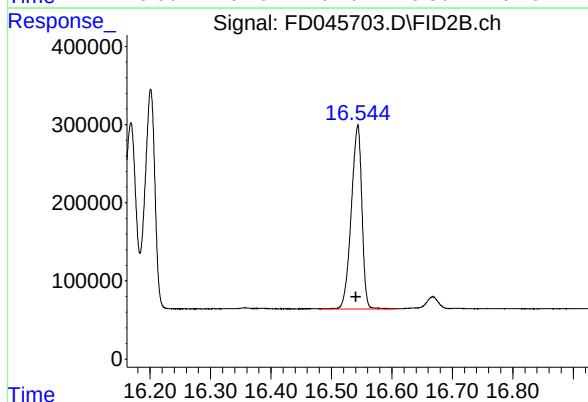
R.T.: 16.168 min
Delta R.T.: 0.002 min
Response: 3153381
Conc: 21.41 ug/ml



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

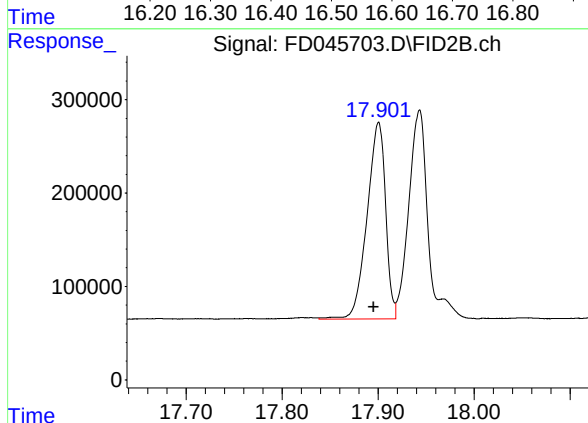
R.T.: 16.201 min
Delta R.T.: 0.005 min
Response: 3224670
Conc: 22.30 ug/ml

Instrument :
FID_D
ClientSampleId :



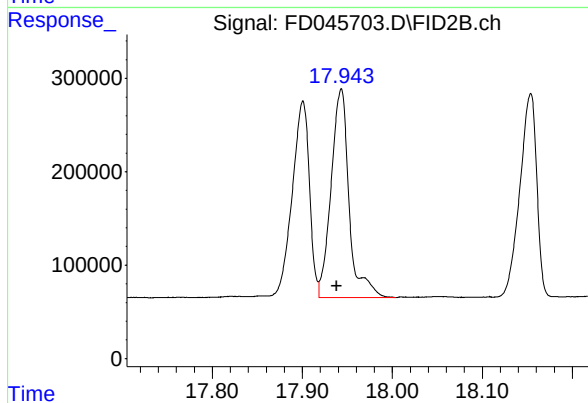
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.543 min
Delta R.T.: 0.003 min
Response: 2879222
Conc: 20.65 ug/ml



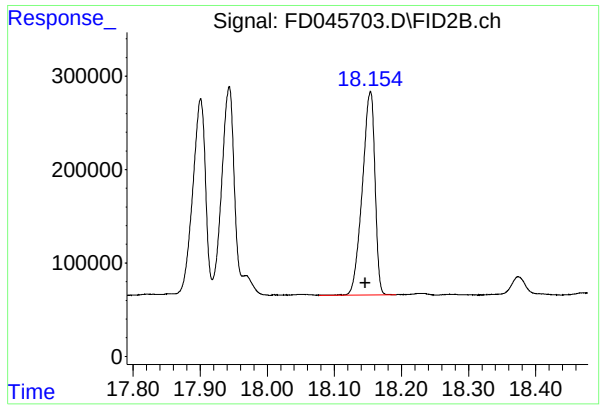
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.900 min
Delta R.T.: 0.005 min
Response: 2825408
Conc: 22.24 ug/ml



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

R.T.: 17.943 min
Delta R.T.: 0.005 min
Response: 3111580
Conc: 24.23 ug/ml



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

R.T.: 18.153 min
Delta R.T.: 0.007 min
Response: 2848959
Conc: 22.15 ug/ml

Instrument :

FID_D

ClientSampleId :