

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF011425AR\
 Data File : FF015239.D
 Signal(s) : FID2B.ch
 Acq On : 14 Jan 2025 19:13
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jan 15 07:01:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 15 06:59:49 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...	7.991	6706329	49.106 ug/ml
Spiked Amount 50.000		Recovery =	98.21%
6) S 2-Fluorobiphenyl (SURR)	8.864	4458085	50.990 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.98%
11) S ortho-Terphenyl (SURR)	11.927	8219088	46.581 ug/ml
Spiked Amount 50.000		Recovery =	93.16%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.603	7827551	47.876 ug/ml
2) T Naphthalene (C11.7)	6.271	7941517	48.269 ug/ml
3) T 2-Methylnaphthalene (...)	7.366	7979495	48.700 ug/ml
5) T Acenaphthylene (C15.06)	8.665	7944180	48.389 ug/ml
7) T Acenaphthene (C15.5)	8.966	8084962	48.014 ug/ml
8) T Fluorene (C16.55)	9.754	7889867	48.625 ug/ml
9) T Phenanthrene (C19.36)	11.159	7798615	47.459 ug/ml
10) T Anthracene (C19.43)	11.234	7158533	47.119 ug/ml
12) T Fluoranthene (C21.85)	12.980	7908397	46.781 ug/ml
13) T Pyrene (C20.8)	13.279	7809787	46.806 ug/ml
14) T Benzo[a]anthracene (C...	15.158	7255394	47.438 ug/ml
15) T Chrysene (C27.41)	15.203	7417176	47.050 ug/ml
16) T benzo[b]fluoranthene ...	16.716	7212940	47.525 ug/ml
17) T Bnezo[k]fluoranthene ...	16.752	6761403	47.229 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.097	6941461	48.017 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.469	6290650	49.096 ug/ml
20) T Dibenz[a,h]anthracene...	18.508	6651715	43.787 ug/ml
21) T Benzo[g,h,i]perylene ...	18.728	6586140	47.883 ug/ml

(f)=RT Delta > 1/2 Window

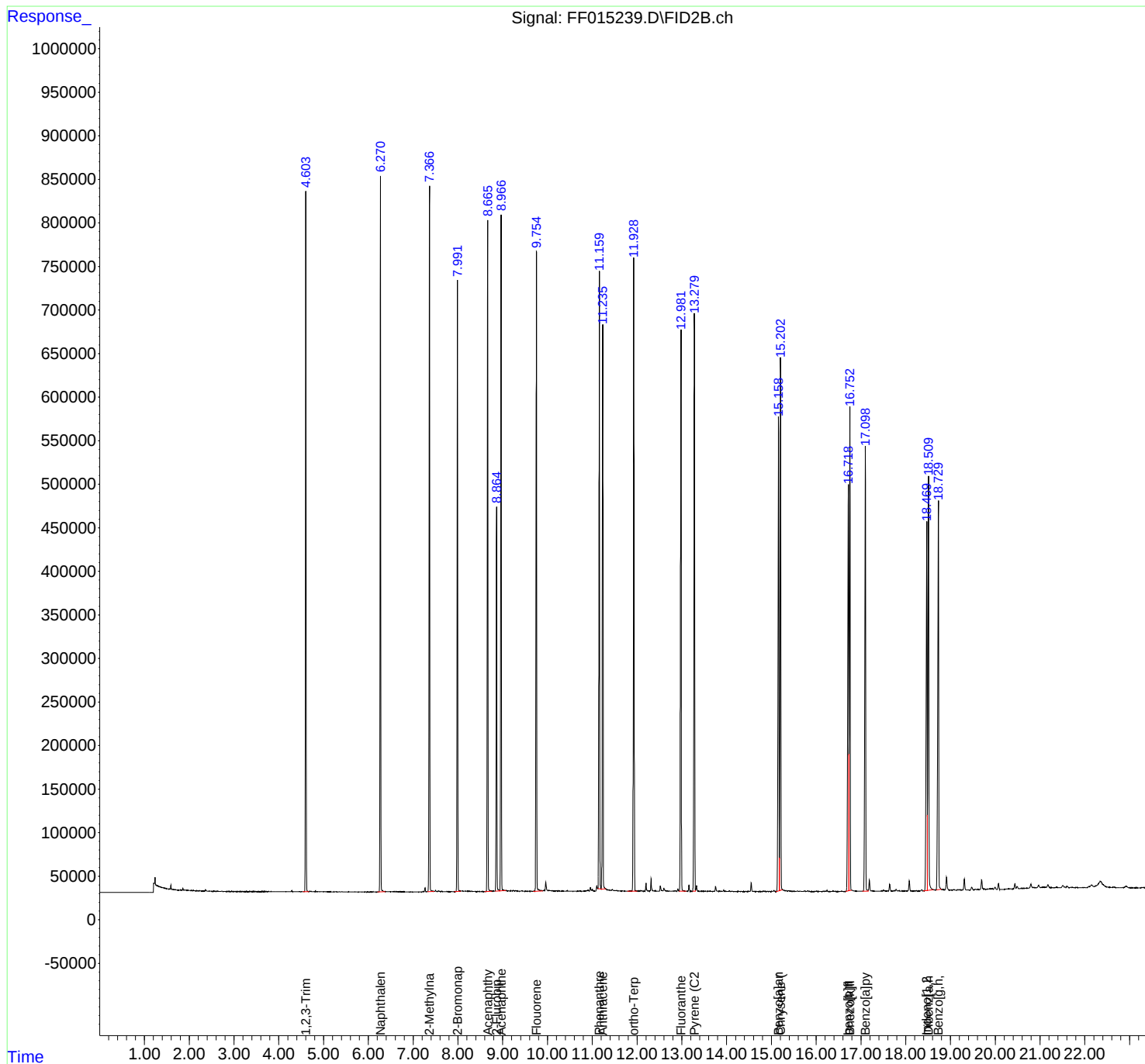
(m)=manual int.

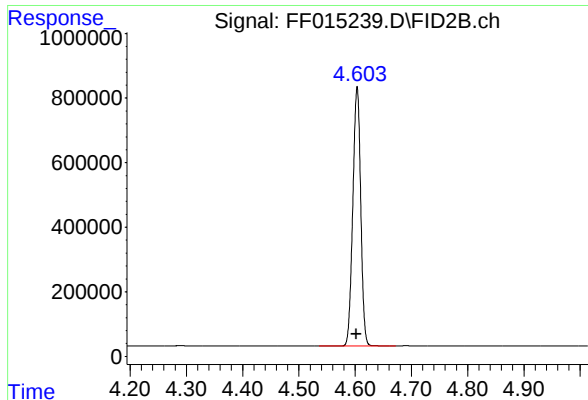
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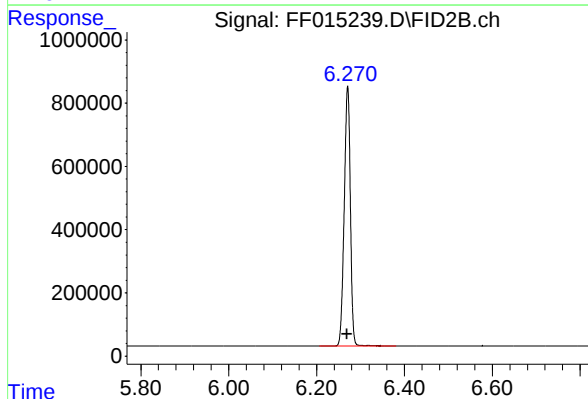




#1 1,2,3-Trimethylbenzene (C10.1)

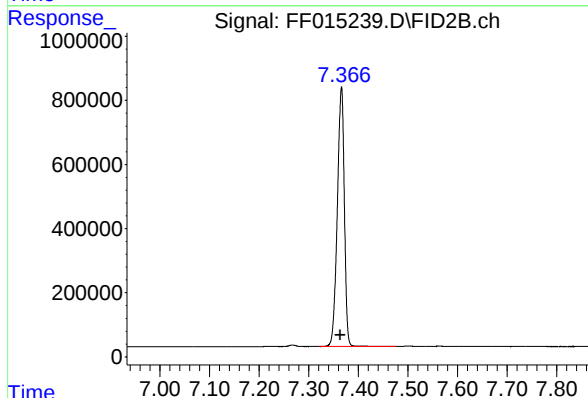
R.T.: 4.603 min
Delta R.T.: 0.001 min
Response: 7827551
Conc: 47.88 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



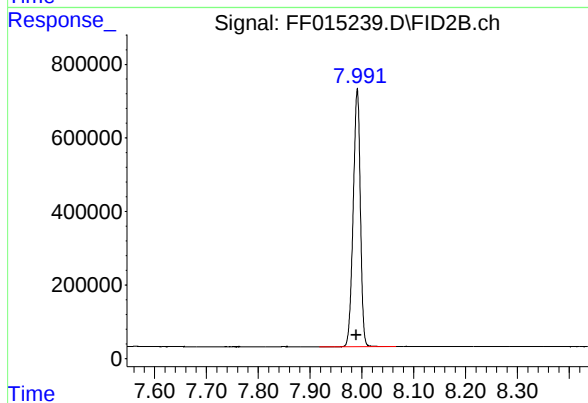
#2 Naphthalene (C11.7)

R.T.: 6.271 min
Delta R.T.: 0.002 min
Response: 7941517
Conc: 48.27 ug/ml



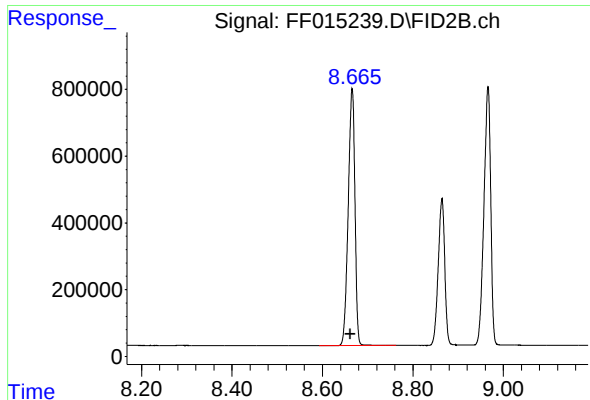
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: 0.003 min
Response: 7979495
Conc: 48.70 ug/ml



#4 2-Bromonaphthalene (SURR)

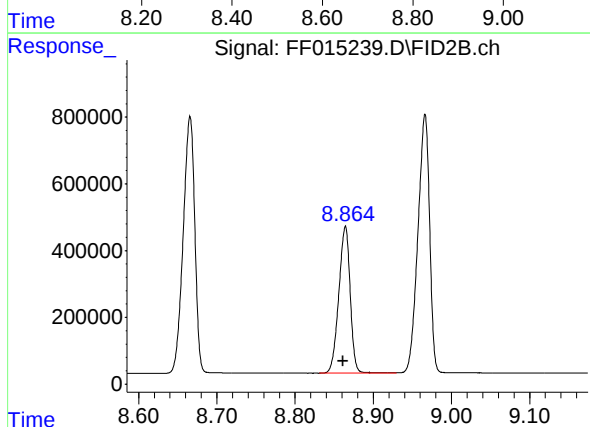
R.T.: 7.991 min
Delta R.T.: 0.002 min
Response: 6706329
Conc: 49.11 ug/ml



#5 Acenaphthylene (C15.06)

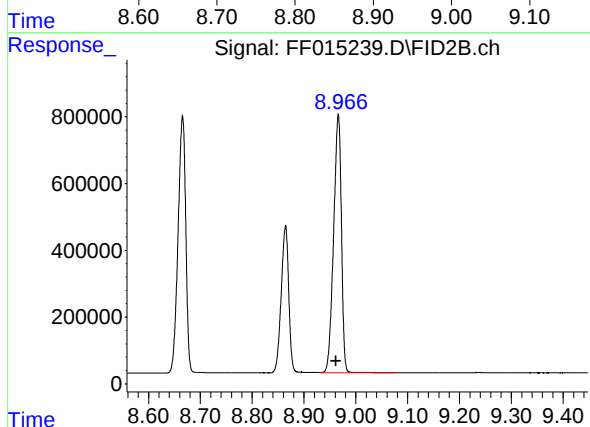
R.T.: 8.665 min
Delta R.T.: 0.003 min
Response: 7944180
Conc: 48.39 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



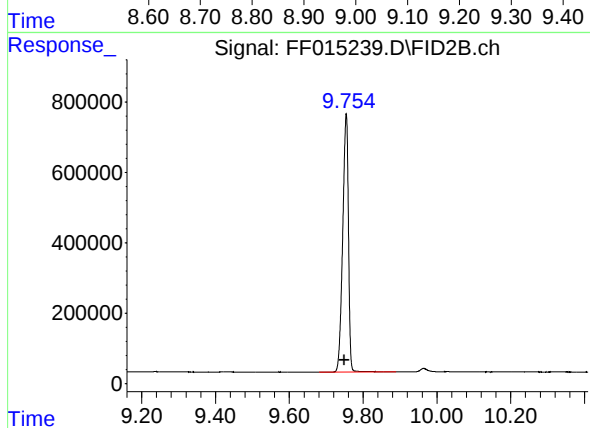
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.864 min
Delta R.T.: 0.003 min
Response: 4458085
Conc: 50.99 ug/ml



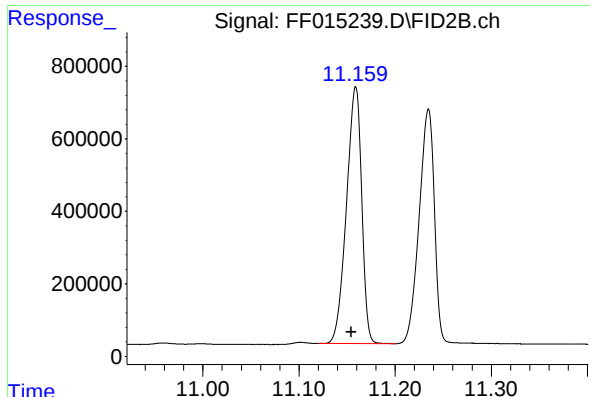
#7 Acenaphthene (C15.5)

R.T.: 8.966 min
Delta R.T.: 0.004 min
Response: 8084962
Conc: 48.01 ug/ml



#8 Flouorene (C16.55)

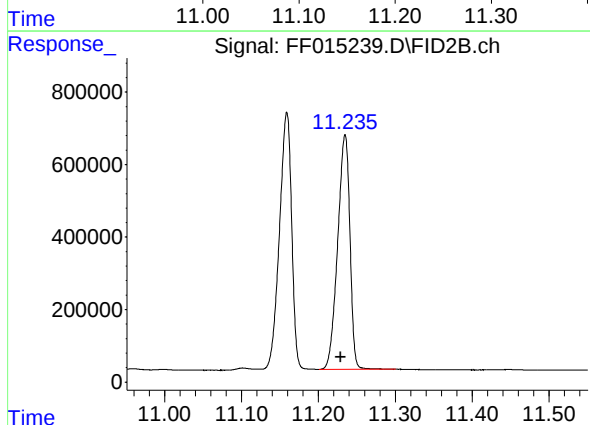
R.T.: 9.754 min
Delta R.T.: 0.005 min
Response: 7889867
Conc: 48.62 ug/ml



#9 Phenanthrene (C19.36)

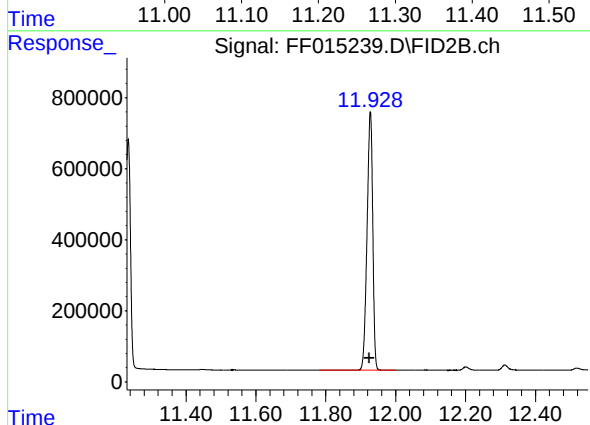
R.T.: 11.159 min
Delta R.T.: 0.004 min
Response: 7798615
Conc: 47.46 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



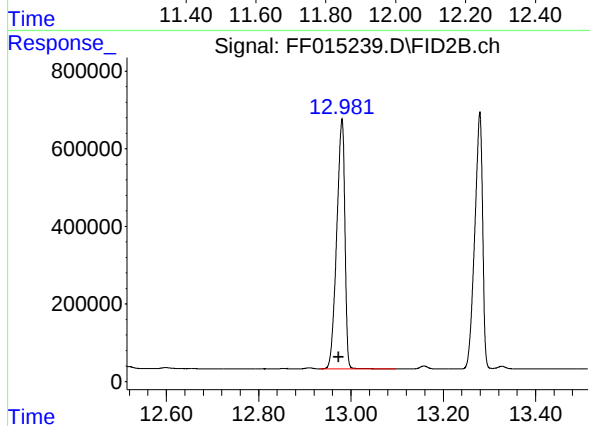
#10 Anthracene (C19.43)

R.T.: 11.234 min
Delta R.T.: 0.005 min
Response: 7158533
Conc: 47.12 ug/ml



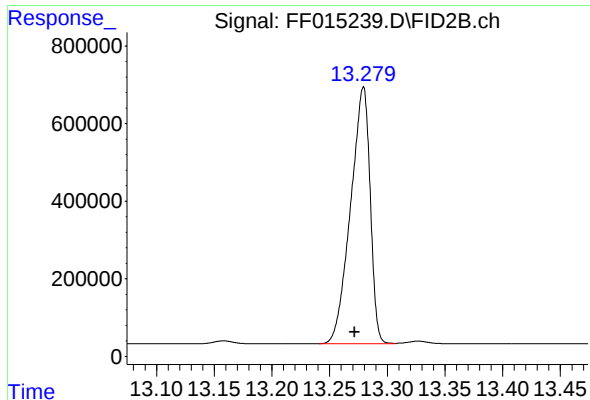
#11 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: 0.003 min
Response: 8219088
Conc: 46.58 ug/ml



#12 Fluoranthene (C21.85)

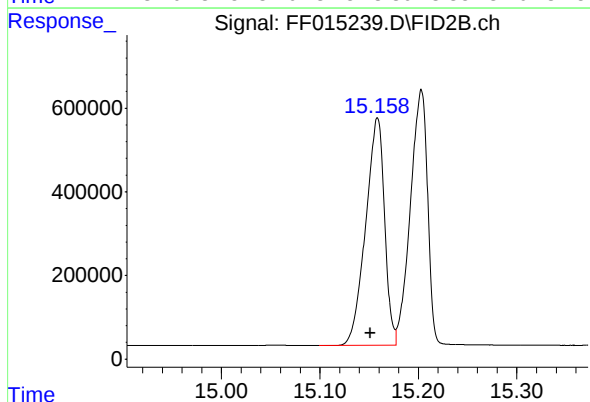
R.T.: 12.980 min
Delta R.T.: 0.007 min
Response: 7908397
Conc: 46.78 ug/ml



#13 Pyrene (C20.8)

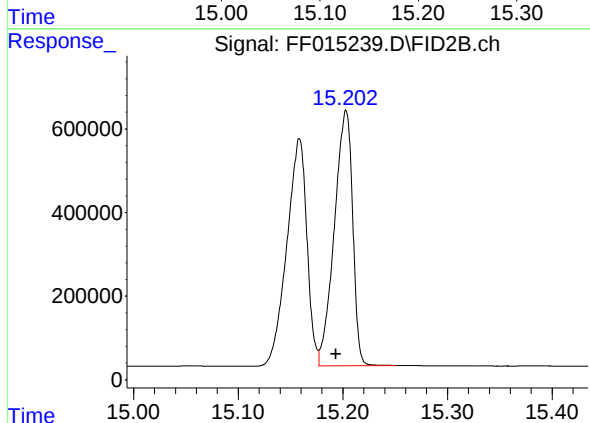
R.T.: 13.279 min
Delta R.T.: 0.007 min
Response: 7809787
Conc: 46.81 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



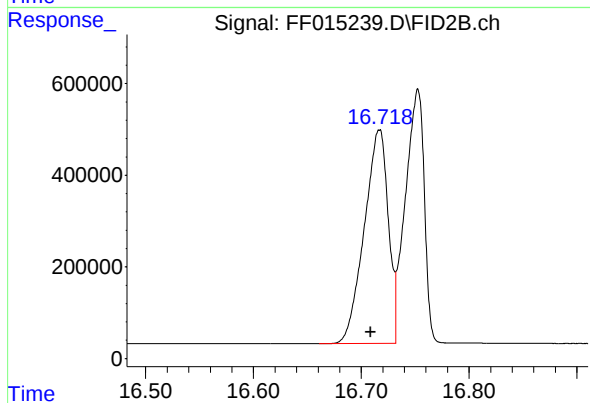
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.158 min
Delta R.T.: 0.007 min
Response: 7255394
Conc: 47.44 ug/ml



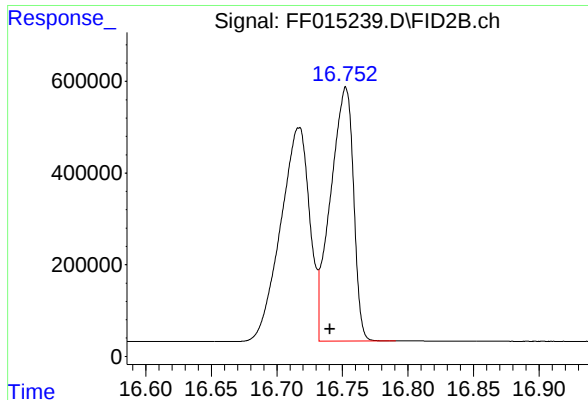
#15 Chrysene (C27.41)

R.T.: 15.203 min
Delta R.T.: 0.009 min
Response: 7417176
Conc: 47.05 ug/ml



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

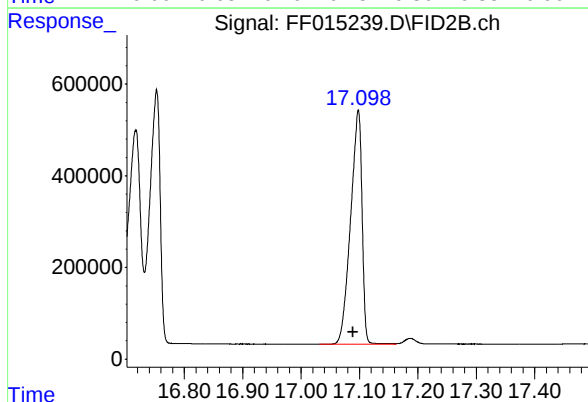
R.T.: 16.716 min
Delta R.T.: 0.008 min
Response: 7212940
Conc: 47.53 ug/ml



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

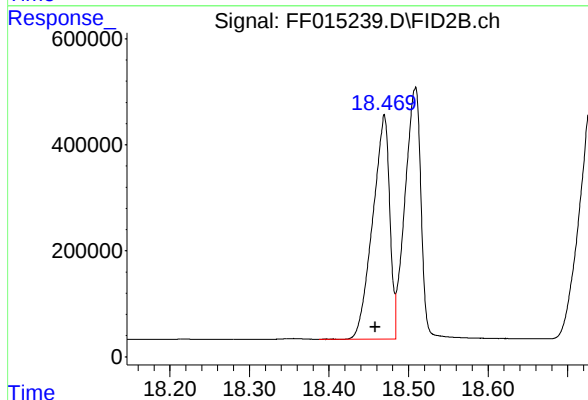
R.T.: 16.752 min
Delta R.T.: 0.011 min
Response: 6761403
Conc: 47.23 ug/ml

Instrument :
FID_F
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50 PPM AROMATIC HC STD2



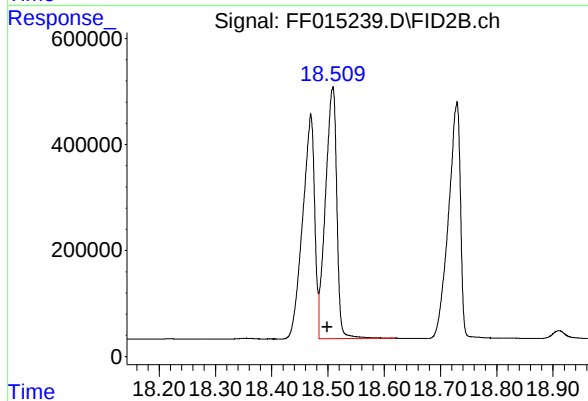
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.097 min
Delta R.T.: 0.008 min
Response: 6941461
Conc: 48.02 ug/ml



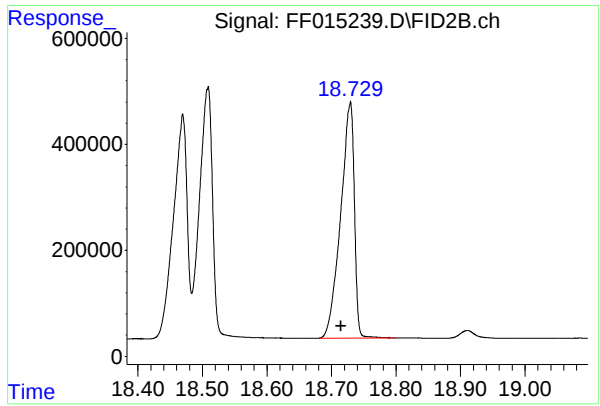
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.469 min
Delta R.T.: 0.011 min
Response: 6290650
Conc: 49.10 ug/ml



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

R.T.: 18.508 min
Delta R.T.: 0.009 min
Response: 6651715
Conc: 43.79 ug/ml



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

R.T.: 18.728 min

Delta R.T.: 0.014 min

Response: 6586140

Conc: 47.88 ug/ml

Instrument :

FID_F

ClientSampleId :

50 PPM AROMATIC HC STD2