

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015976.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 19:28
 Operator : YP\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 16 04:32:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 04:30:20 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...	8.058	633124	5.673 ug/ml
Spiked Amount 50.000		Recovery =	11.35%
6) S 2-Fluorobiphenyl (SURR)	8.932	430280	5.615 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	11.23%
11) S ortho-Terphenyl (SURR)	11.997	730929	5.609 ug/ml
Spiked Amount 50.000		Recovery =	11.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.662	686187	5.624 ug/ml
2) T Naphthalene (C11.7)	6.333	727262	5.646 ug/ml
3) T 2-Methylnaphthalene (...)	7.429	733261	5.617 ug/ml
5) T Acenaphthylene (C15.06)	8.733	738679	5.701 ug/ml
7) T Acenaphthene (C15.5)	9.032	723061	5.624 ug/ml
8) T Fluorene (C16.55)	9.820	720793	5.629 ug/ml
9) T Phenanthrene (C19.36)	11.225	719025	5.643 ug/ml
10) T Anthracene (C19.43)	11.300	714239	5.615 ug/ml
12) T Fluoranthene (C21.85)	13.045	726265	5.650 ug/ml
13) T Pyrene (C20.8)	13.344	717926	5.634 ug/ml
14) T Benzo[a]anthracene (C...	15.222	691361	5.568 ug/ml
15) T Chrysene (C27.41)	15.263	703683	5.606 ug/ml
16) T benzo[b]fluoranthene ...	16.777	685945	5.560 ug/ml
17) T Bnezo[k]fluoranthene ...	16.808	650420	5.582 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.156	670206	5.571 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.526	605026	5.556 ug/ml
20) T Dibenz[a,h]anthracene...	18.569	647451	5.638 ug/ml
21) T Benzo[g,h,i]perylene ...	18.781	640071	5.583 ug/ml

(f)=RT Delta > 1/2 Window

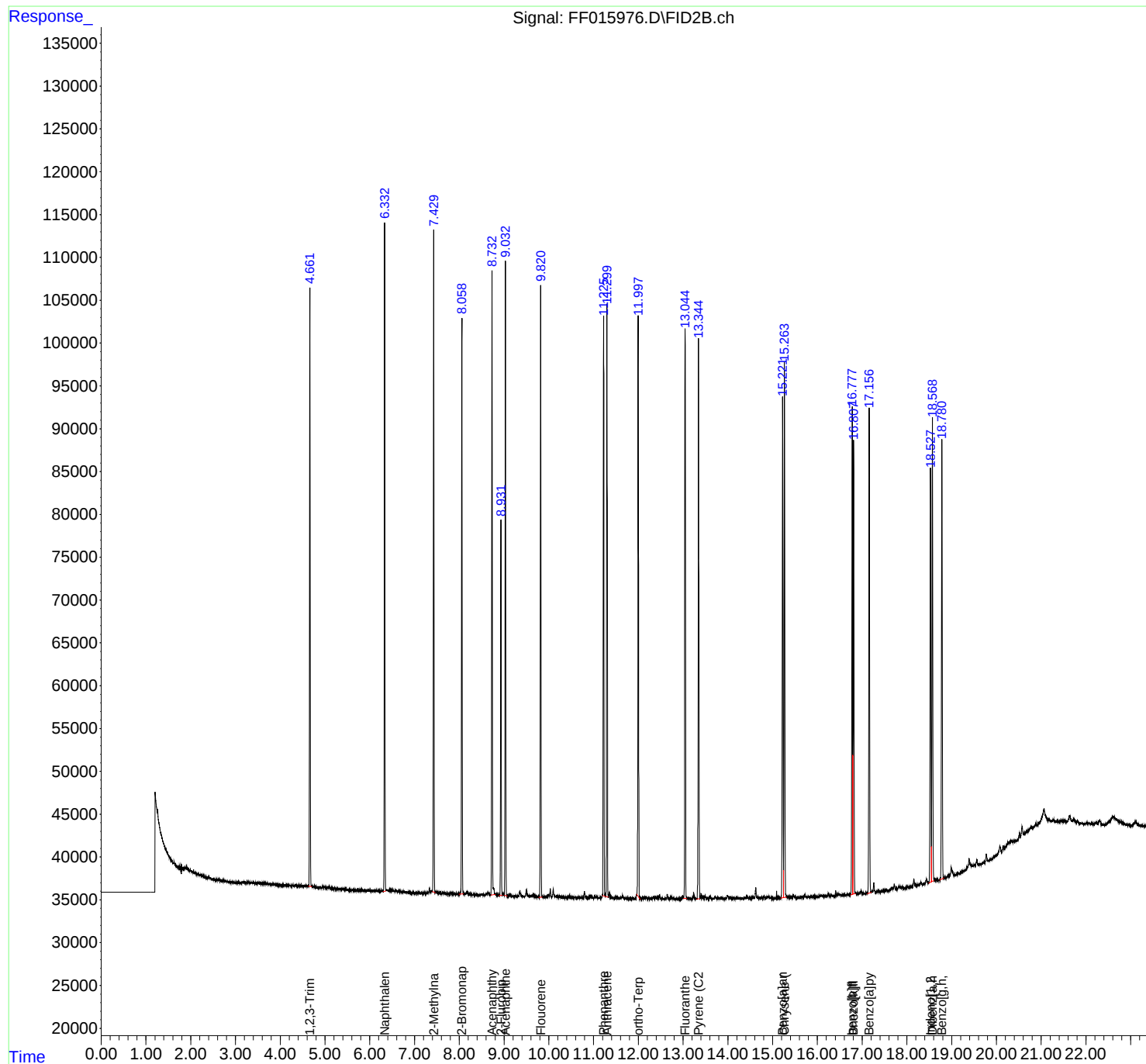
(m)=manual int.

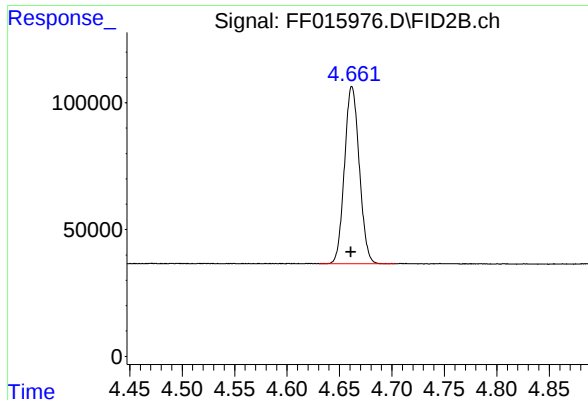
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
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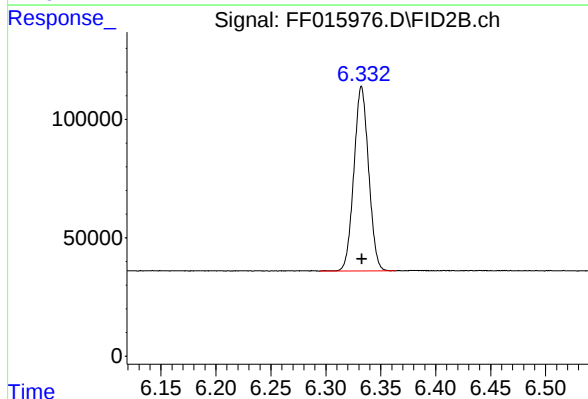




#1 1,2,3-Trimethylbenzene (C10.1)

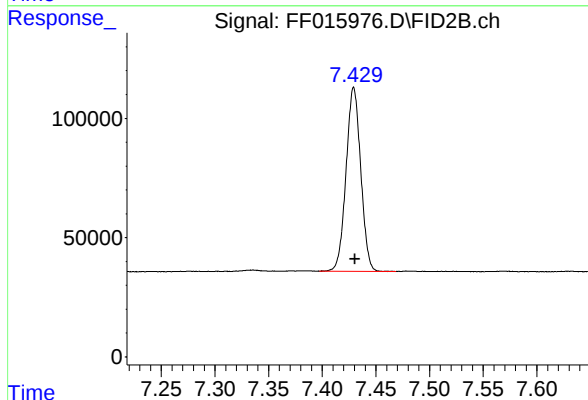
R.T.: 4.662 min
Delta R.T.: 0.001 min
Response: 686187
Conc: 5.62 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



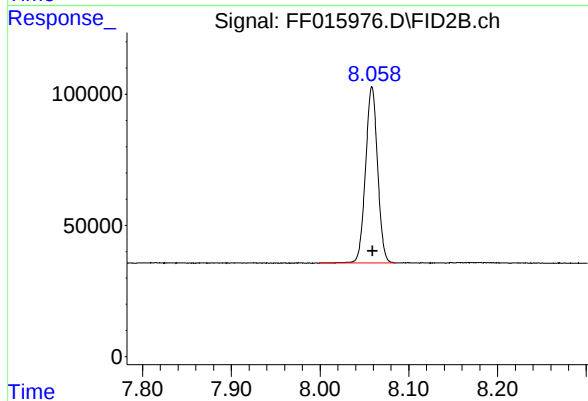
#2 Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 727262
Conc: 5.65 ug/ml



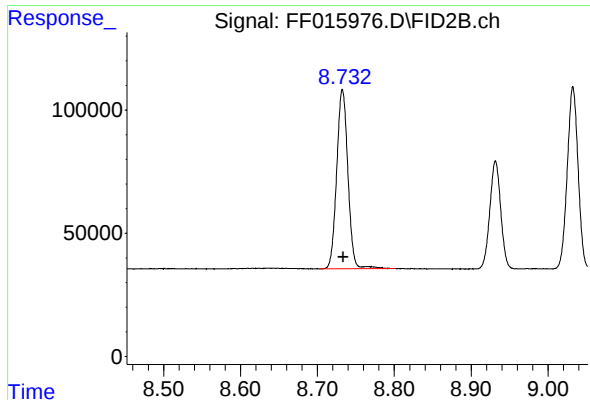
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.429 min
Delta R.T.: 0.000 min
Response: 733261
Conc: 5.62 ug/ml



#4 2-Bromonaphthalene (SURR)

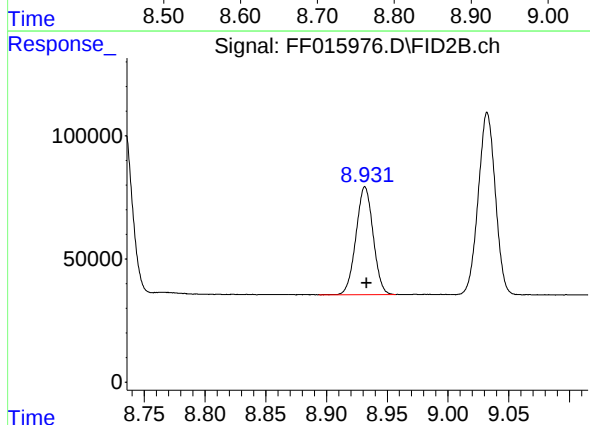
R.T.: 8.058 min
Delta R.T.: 0.000 min
Response: 633124
Conc: 5.67 ug/ml



#5 Acenaphthylene (C15.06)

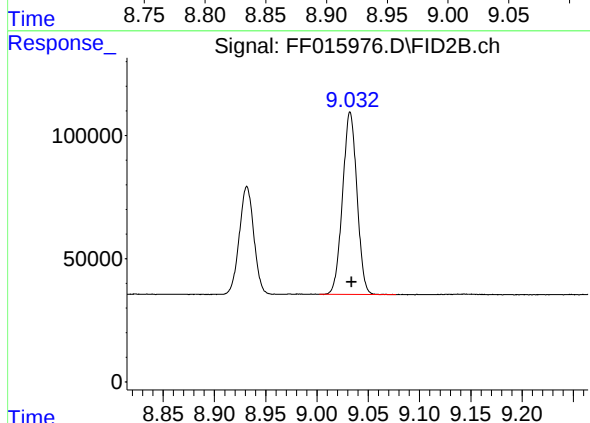
R.T.: 8.733 min
Delta R.T.: -0.001 min
Response: 738679
Conc: 5.70 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



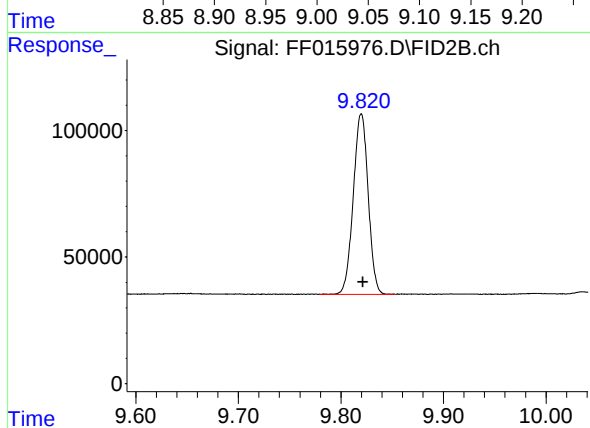
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.932 min
Delta R.T.: -0.001 min
Response: 430280
Conc: 5.62 ug/ml



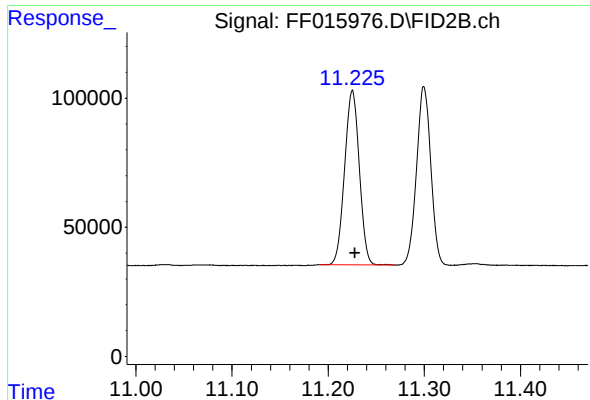
#7 Acenaphthene (C15.5)

R.T.: 9.032 min
Delta R.T.: -0.001 min
Response: 723061
Conc: 5.62 ug/ml



#8 Fluorene (C16.55)

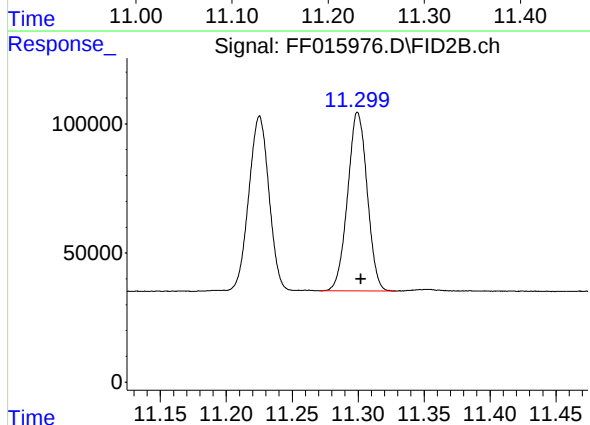
R.T.: 9.820 min
Delta R.T.: -0.002 min
Response: 720793
Conc: 5.63 ug/ml



#9 Phenanthrene (C19.36)

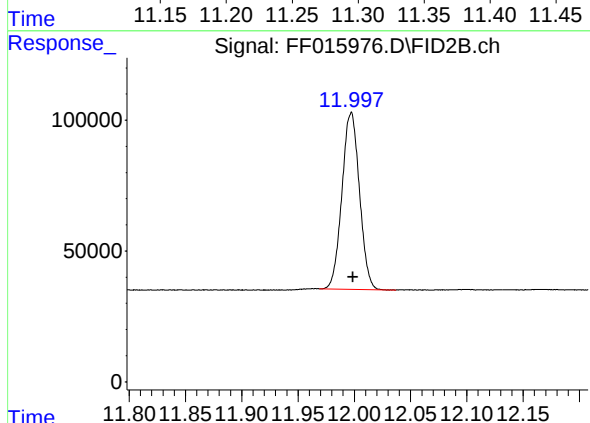
R.T.: 11.225 min
Delta R.T.: -0.002 min
Response: 719025
Conc: 5.64 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



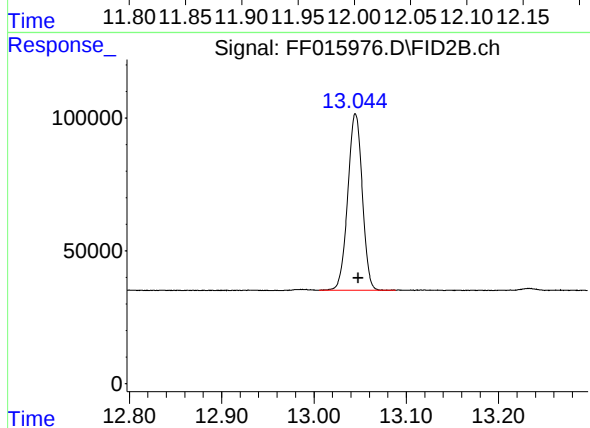
#10 Anthracene (C19.43)

R.T.: 11.300 min
Delta R.T.: -0.002 min
Response: 714239
Conc: 5.61 ug/ml



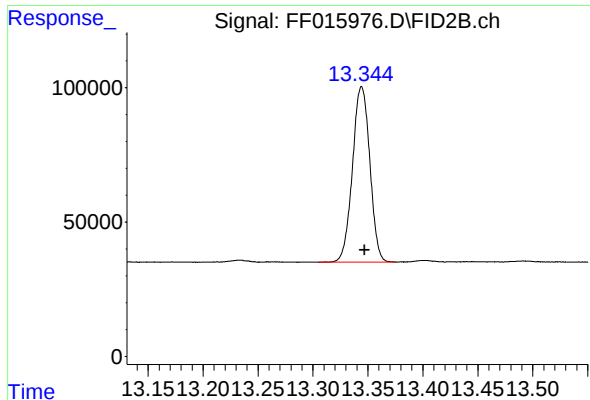
#11 ortho-Terphenyl (SURRE)

R.T.: 11.997 min
Delta R.T.: -0.002 min
Response: 730929
Conc: 5.61 ug/ml



#12 Fluoranthene (C21.85)

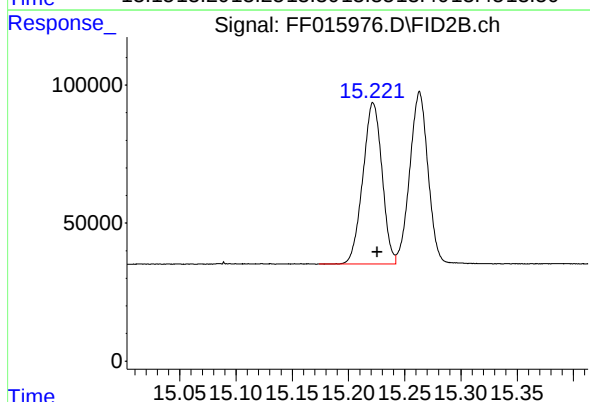
R.T.: 13.045 min
Delta R.T.: -0.003 min
Response: 726265
Conc: 5.65 ug/ml



#13 Pyrene (C20.8)

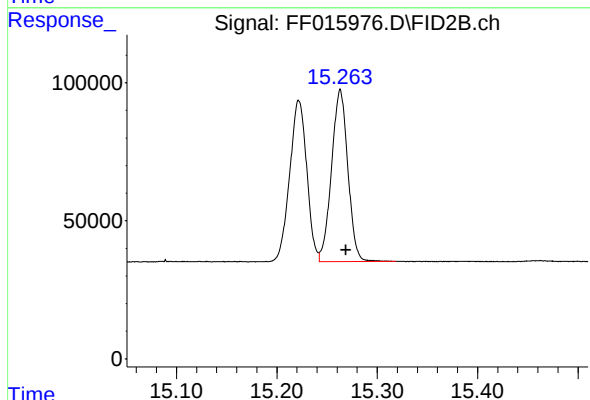
R.T.: 13.344 min
Delta R.T.: -0.003 min
Response: 717926
Conc: 5.63 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



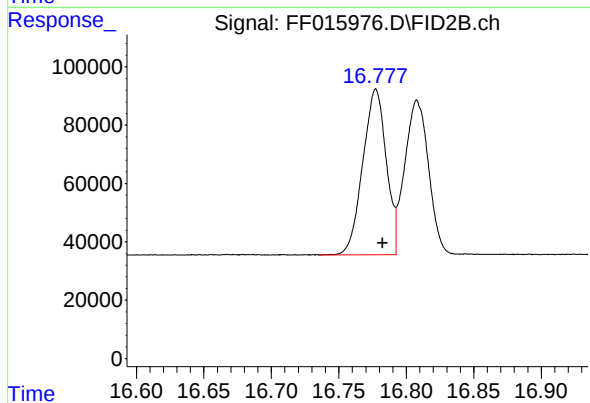
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.222 min
Delta R.T.: -0.004 min
Response: 691361
Conc: 5.57 ug/ml



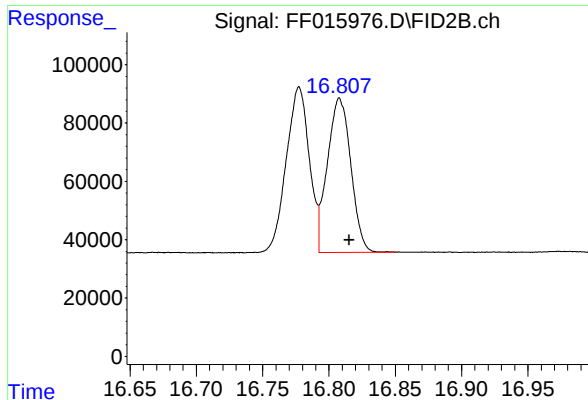
#15 Chrysene (C27.41)

R.T.: 15.263 min
Delta R.T.: -0.006 min
Response: 703683
Conc: 5.61 ug/ml



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

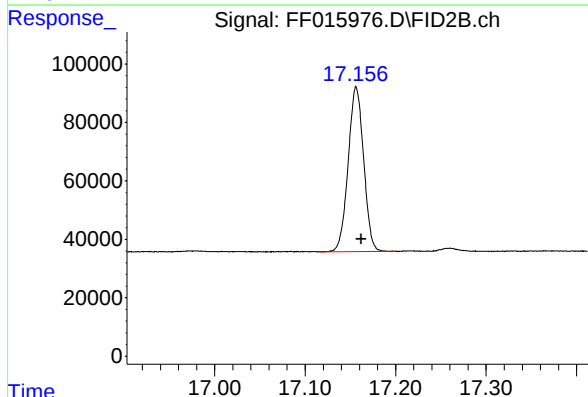
R.T.: 16.777 min
Delta R.T.: -0.005 min
Response: 685945
Conc: 5.56 ug/ml



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

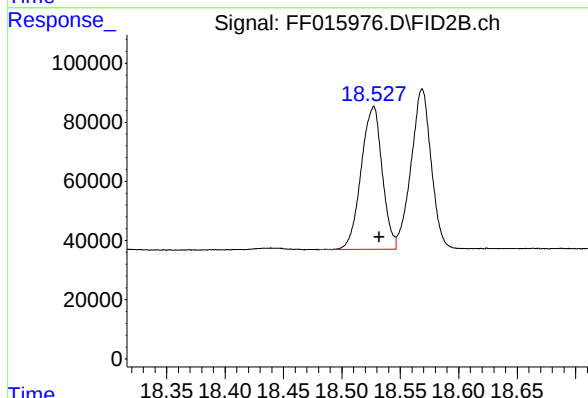
R.T.: 16.808 min
Delta R.T.: -0.007 min
Response: 650420
Conc: 5.58 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5



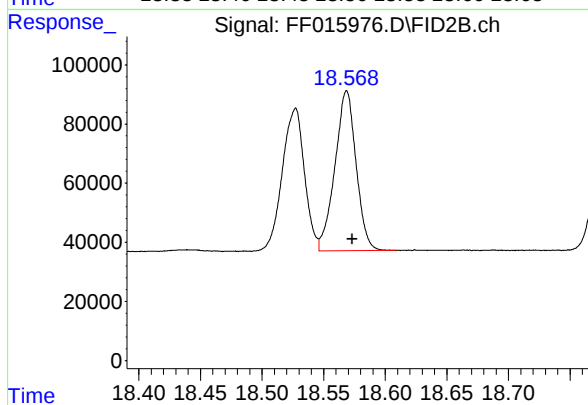
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.156 min
Delta R.T.: -0.005 min
Response: 670206
Conc: 5.57 ug/ml



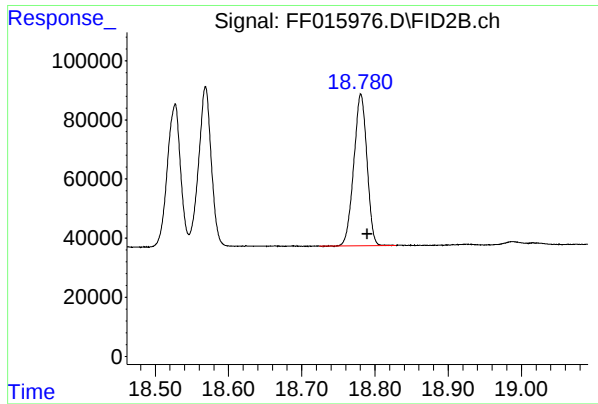
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.526 min
Delta R.T.: -0.005 min
Response: 605026
Conc: 5.56 ug/ml



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

R.T.: 18.569 min
Delta R.T.: -0.005 min
Response: 647451
Conc: 5.64 ug/ml



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

R.T.: 18.781 min
Delta R.T.: -0.009 min
Response: 640071
Conc: 5.58 ug/ml

Instrument :
FID_F
ClientSampleId :
5 PPM AROMATIC HC STD5