

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061325AR\
 Data File : FF015975.D
 Signal(s) : FID2B.ch
 Acq On : 13 Jun 2025 18:58
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 16 04:32:12 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...	8.059	1135736	10.177 ug/ml
Spiked Amount 50.000		Recovery =	20.35%
6) S 2-Fluorobiphenyl (SURR)	8.932	776002	10.127 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.25%
11) S ortho-Terphenyl (SURR)	11.998	1321156	10.139 ug/ml
Spiked Amount 50.000		Recovery =	20.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.662	1235745	10.129 ug/ml
2) T Naphthalene (C11.7)	6.333	1304579	10.128 ug/ml
3) T 2-Methylnaphthalene (...)	7.430	1321961	10.126 ug/ml
5) T Acenaphthylene (C15.06)	8.734	1321503	10.199 ug/ml
7) T Acenaphthene (C15.5)	9.033	1304032	10.143 ug/ml
8) T Fluorene (C16.55)	9.820	1299499	10.148 ug/ml
9) T Phenanthrene (C19.36)	11.226	1296862	10.177 ug/ml
10) T Anthracene (C19.43)	11.300	1291413	10.152 ug/ml
12) T Fluoranthene (C21.85)	13.046	1311092	10.200 ug/ml
13) T Pyrene (C20.8)	13.345	1299052	10.195 ug/ml
14) T Benzo[a]anthracene (C...	15.223	1262270	10.166 ug/ml
15) T Chrysene (C27.41)	15.265	1280243	10.200 ug/ml
16) T benzo[b]fluoranthene ...	16.779	1252467	10.152 ug/ml
17) T Bnezo[k]fluoranthene ...	16.811	1186880	10.185 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.159	1223820	10.174 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.528	1102891	10.128 ug/ml
20) T Dibenz[a,h]anthracene...	18.570	1177038	10.249 ug/ml
21) T Benzo[g,h,i]perylene ...	18.783	1167537	10.184 ug/ml

(f)=RT Delta > 1/2 Window

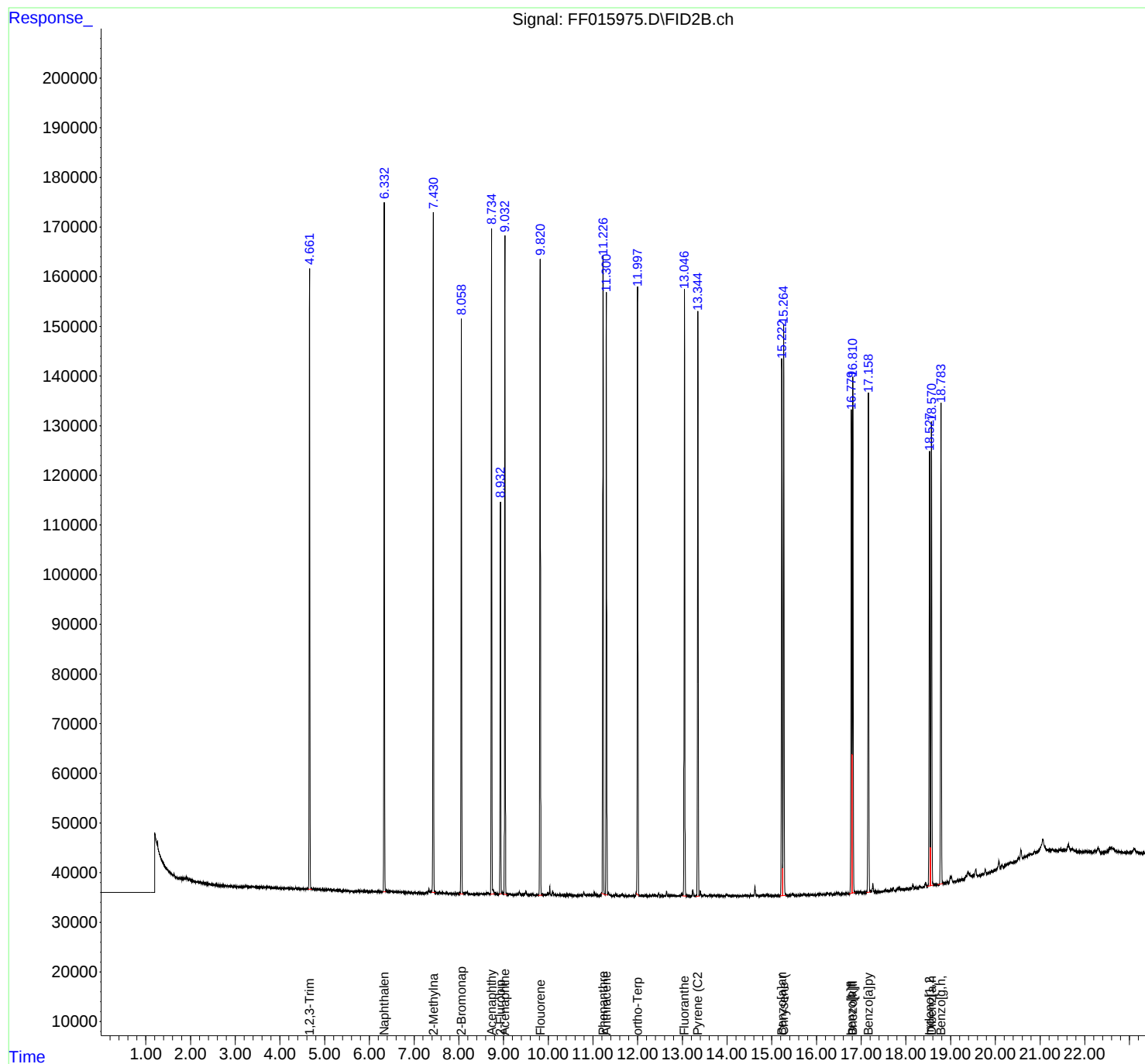
(m)=manual int.

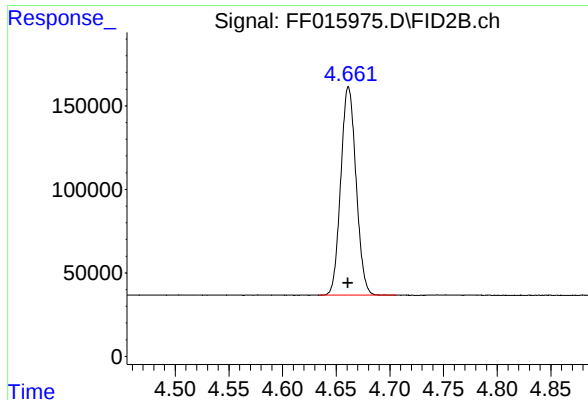
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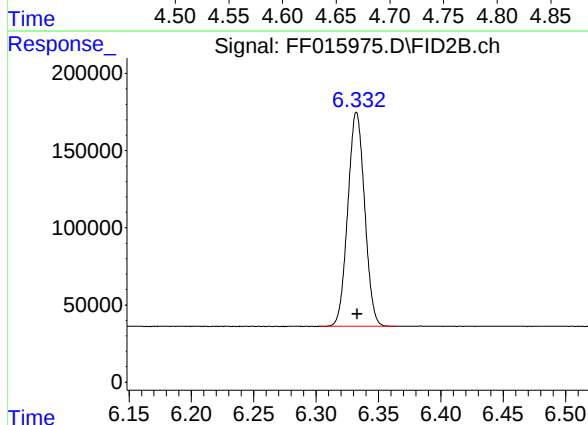




#1 1,2,3-Trimethylbenzene (C10.1)

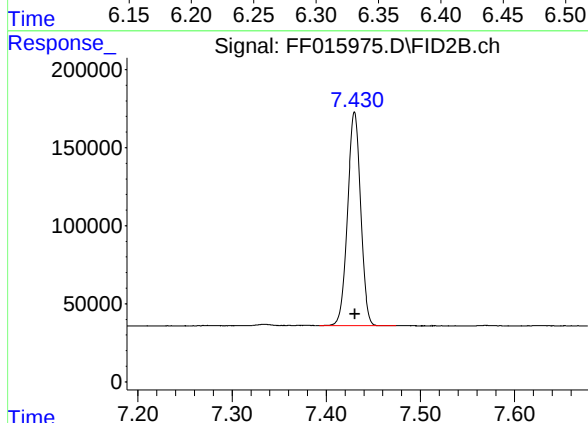
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 1235745
Conc: 10.13 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



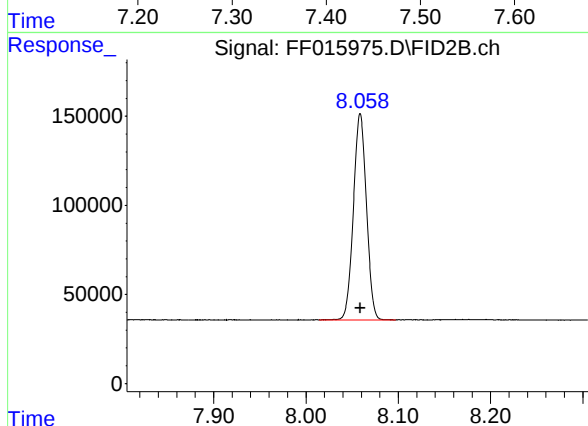
#2 Naphthalene (C11.7)

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 1304579
Conc: 10.13 ug/ml



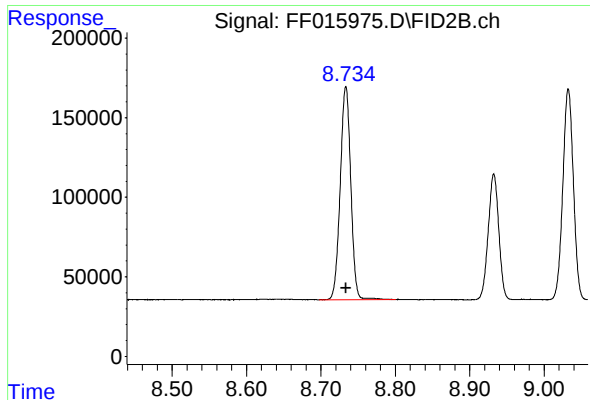
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.430 min
Delta R.T.: 0.000 min
Response: 1321961
Conc: 10.13 ug/ml



#4 2-Bromonaphthalene (SURR)

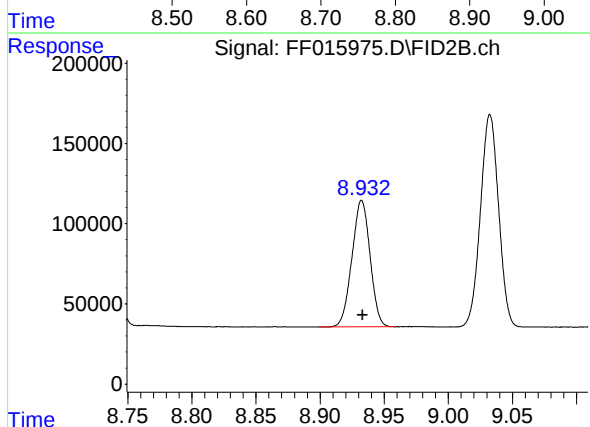
R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 1135736
Conc: 10.18 ug/ml



#5 Acenaphthylene (C15.06)

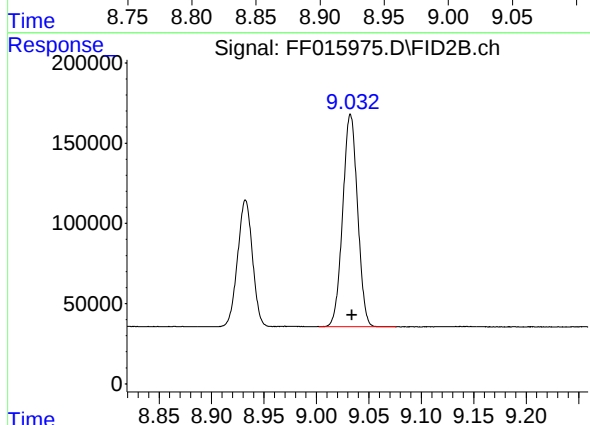
R.T.: 8.734 min
Delta R.T.: 0.000 min
Response: 1321503
Conc: 10.20 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



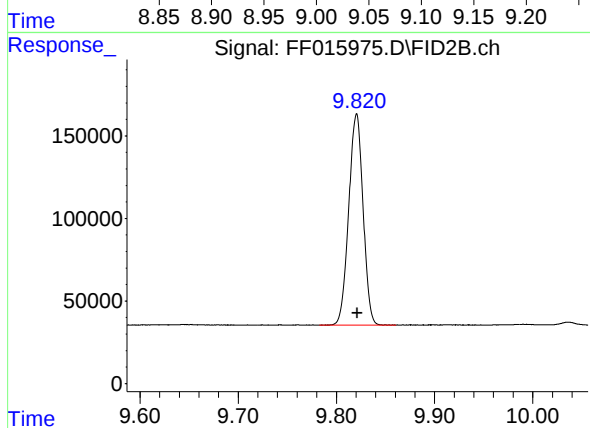
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.932 min
Delta R.T.: 0.000 min
Response: 776002
Conc: 10.13 ug/ml



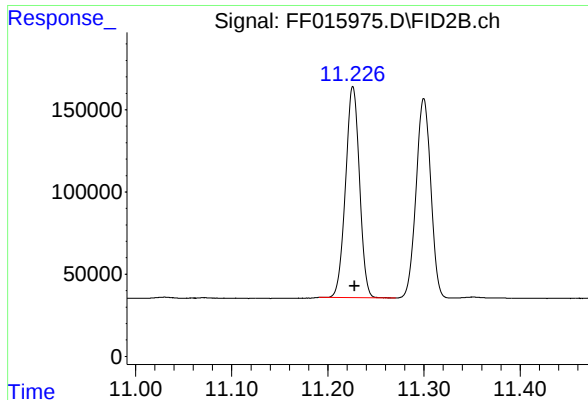
#7 Acenaphthene (C15.5)

R.T.: 9.033 min
Delta R.T.: -0.001 min
Response: 1304032
Conc: 10.14 ug/ml



#8 Flouorene (C16.55)

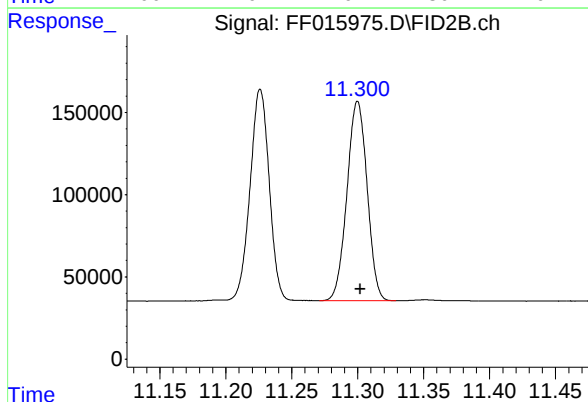
R.T.: 9.820 min
Delta R.T.: -0.001 min
Response: 1299499
Conc: 10.15 ug/ml



#9 Phenanthrene (C19.36)

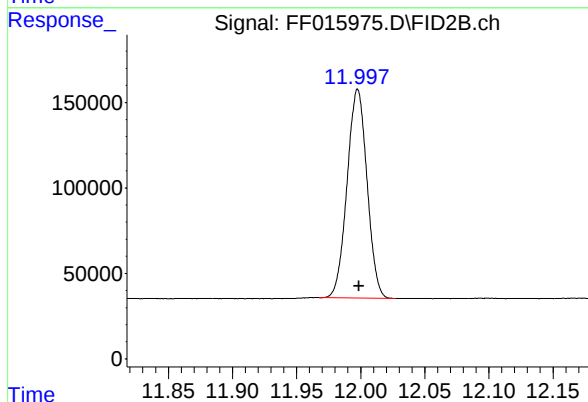
R.T.: 11.226 min
Delta R.T.: -0.002 min
Response: 1296862
Conc: 10.18 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



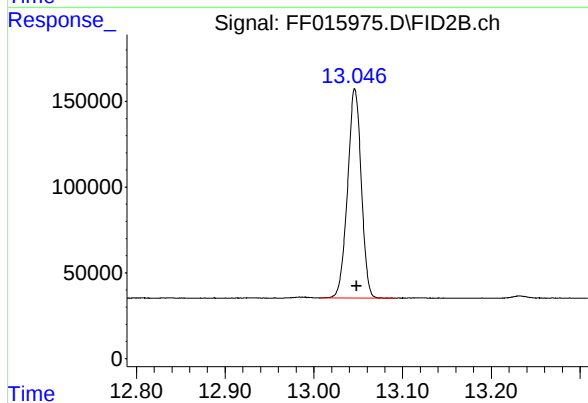
#10 Anthracene (C19.43)

R.T.: 11.300 min
Delta R.T.: -0.002 min
Response: 1291413
Conc: 10.15 ug/ml



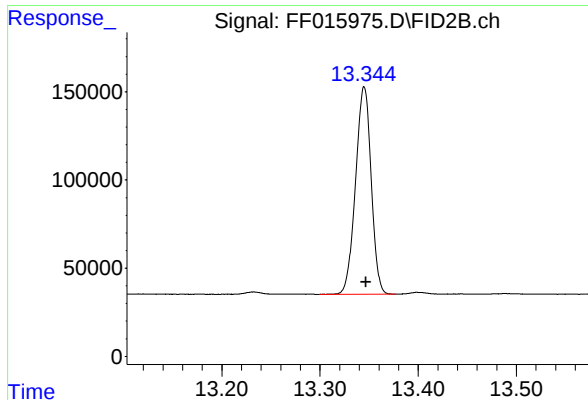
#11 ortho-Terphenyl (SURRE)

R.T.: 11.998 min
Delta R.T.: -0.001 min
Response: 1321156
Conc: 10.14 ug/ml



#12 Fluoranthene (C21.85)

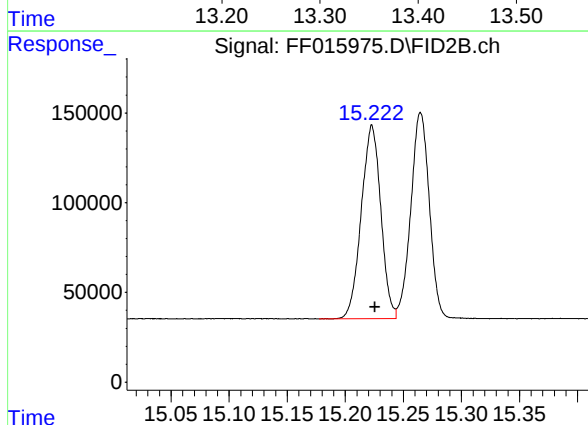
R.T.: 13.046 min
Delta R.T.: -0.002 min
Response: 1311092
Conc: 10.20 ug/ml



#13 Pyrene (C20.8)

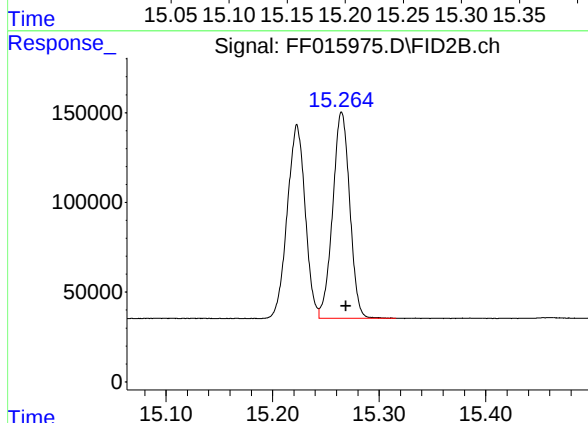
R.T.: 13.345 min
Delta R.T.: -0.002 min
Response: 1299052
Conc: 10.20 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



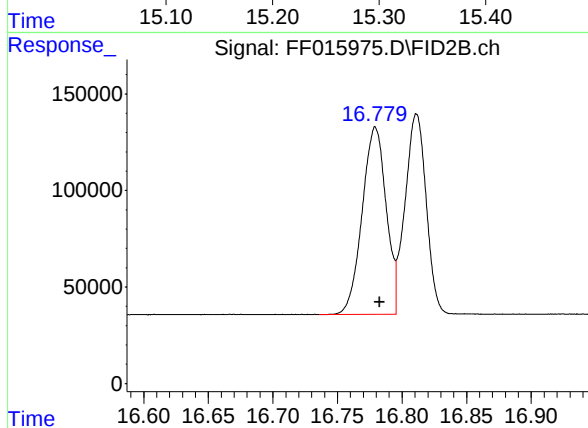
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.223 min
Delta R.T.: -0.003 min
Response: 1262270
Conc: 10.17 ug/ml



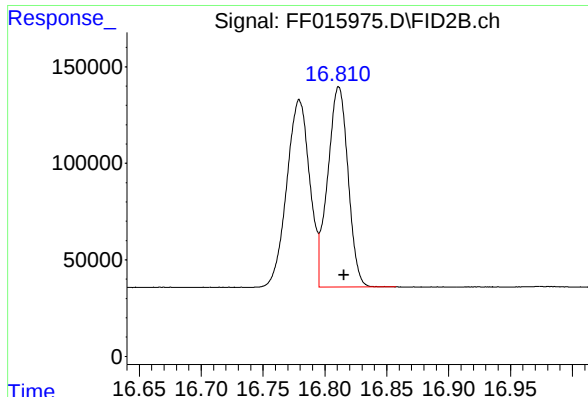
#15 Chrysene (C27.41)

R.T.: 15.265 min
Delta R.T.: -0.004 min
Response: 1280243
Conc: 10.20 ug/ml



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

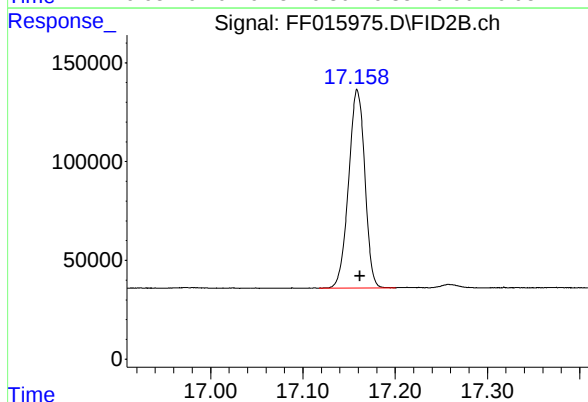
R.T.: 16.779 min
Delta R.T.: -0.003 min
Response: 1252467
Conc: 10.15 ug/ml



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

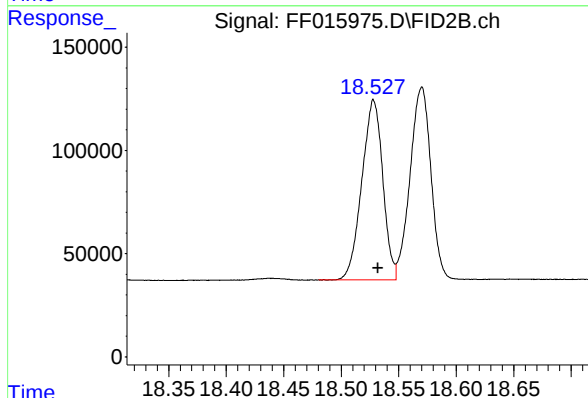
R.T.: 16.811 min
Delta R.T.: -0.004 min
Response: 1186880
Conc: 10.19 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



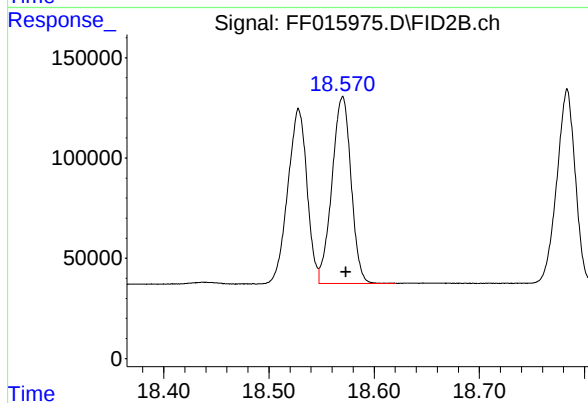
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.159 min
Delta R.T.: -0.003 min
Response: 1223820
Conc: 10.17 ug/ml



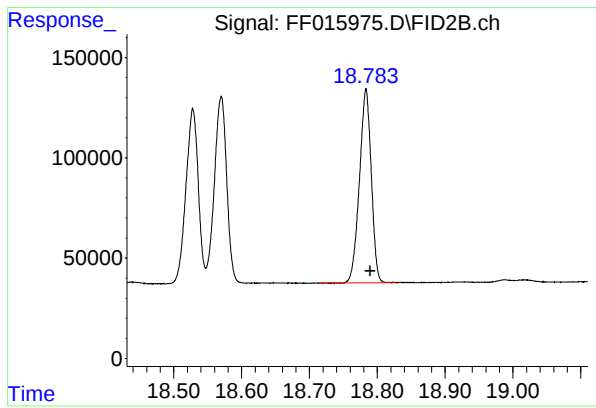
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.528 min
Delta R.T.: -0.004 min
Response: 1102891
Conc: 10.13 ug/ml



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

R.T.: 18.570 min
Delta R.T.: -0.003 min
Response: 1177038
Conc: 10.25 ug/ml



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

R.T.: 18.783 min

Delta R.T.: -0.007 min

Response: 1167537

Conc: 10.18 ug/ml

Instrument :

FID_F

ClientSampleId :

10 PPM AROMATIC HC STD4