

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
 Data File : FF014717.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 21:06
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 22 04:10:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:07:29 2024
 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...	7.976	1450237	10.273 ug/ml
Spiked Amount 50.000		Recovery =	20.55%
6) S 2-Fluorobiphenyl (SURR)	8.848	981036	10.254 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.51%
11) S ortho-Terphenyl (SURR)	11.911	1666218	10.288 ug/ml
Spiked Amount 50.000		Recovery =	20.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.596	1581107	10.242 ug/ml
2) T Naphthalene (C11.7)	6.258	1663535	10.239 ug/ml
3) T 2-Methylnaphthalene (...)	7.351	1681678	10.213 ug/ml
5) T Acenaphthylene (C15.06)	8.649	1634346	10.145 ug/ml
7) T Acenaphthene (C15.5)	8.948	1646332	10.239 ug/ml
8) T Fluorene (C16.55)	9.735	1639759	10.254 ug/ml
9) T Phenanthrene (C19.36)	11.139	1648803	10.317 ug/ml
10) T Anthracene (C19.43)	11.213	1564215	10.247 ug/ml
12) T Fluoranthene (C21.85)	12.956	1639390	10.265 ug/ml
13) T Pyrene (C20.8)	13.254	1618486	10.227 ug/ml
14) T Benzo[a]anthracene (C...	15.130	1574128	10.215 ug/ml
15) T Chrysene (C27.41)	15.172	1600933	10.248 ug/ml
16) T benzo[b]fluoranthene ...	16.682	1575119	10.179 ug/ml
17) T Bnezo[k]fluoranthene ...	16.714	1494739	10.255 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.062	1546643	10.221 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.427	1399570	10.145 ug/ml
20) T Dibenz[a,h]anthracene...	18.470	1526488	10.406 ug/ml
21) T Benzo[g,h,i]perylene ...	18.682	1474399	10.167 ug/ml

(f)=RT Delta > 1/2 Window

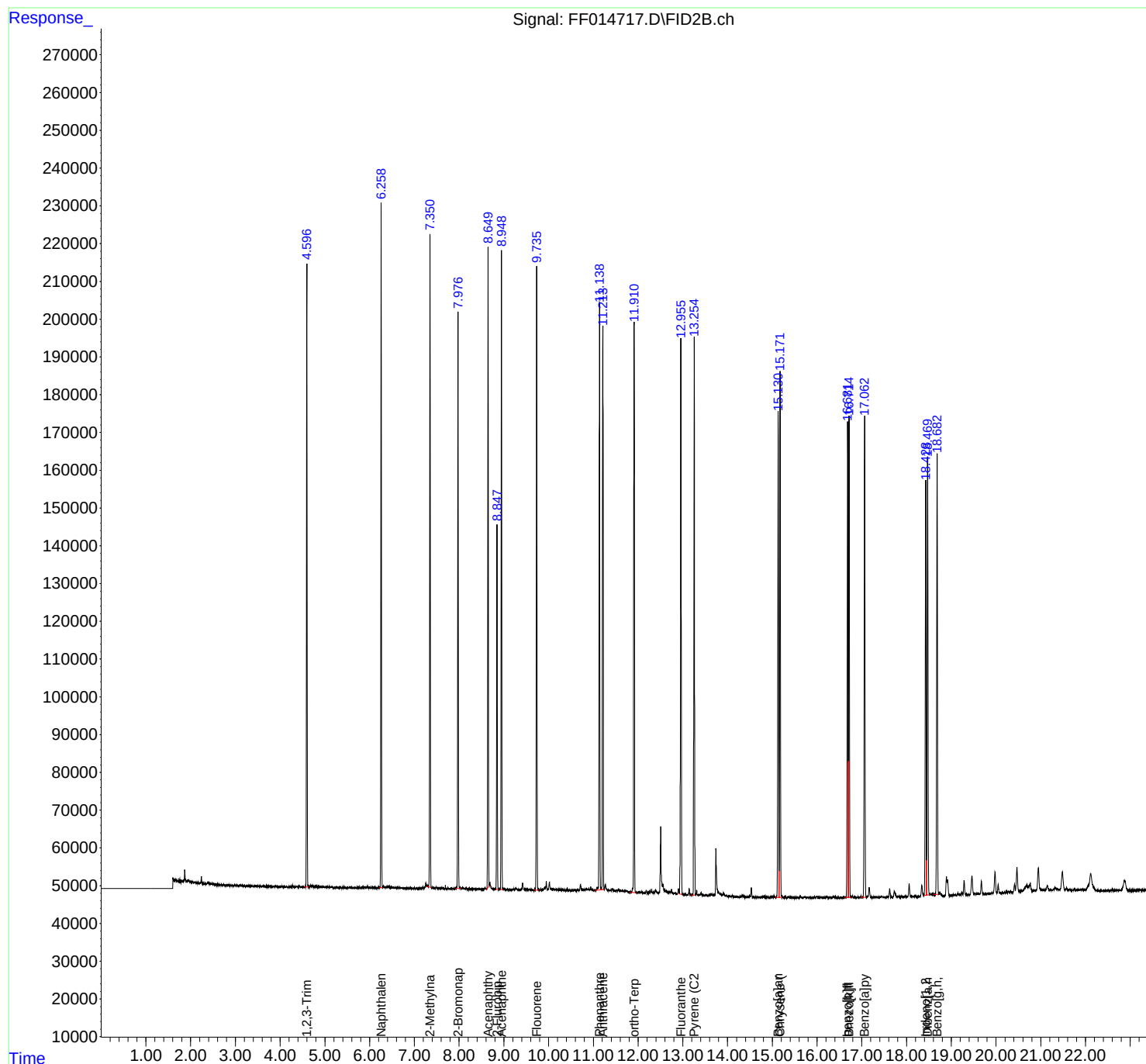
(m)=manual int.

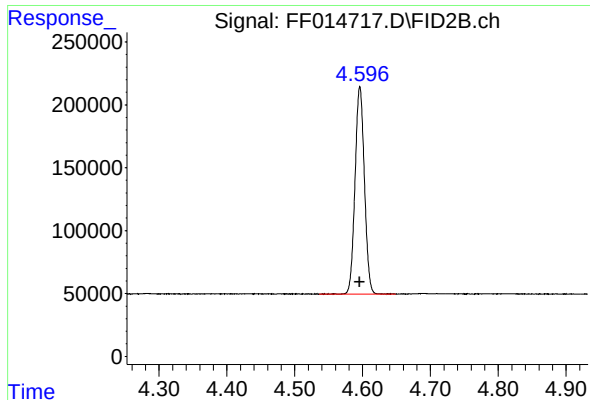
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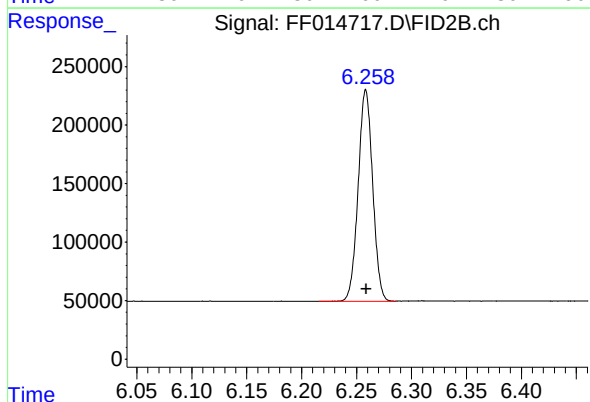




#1 1,2,3-Trimethylbenzene (C10.1)

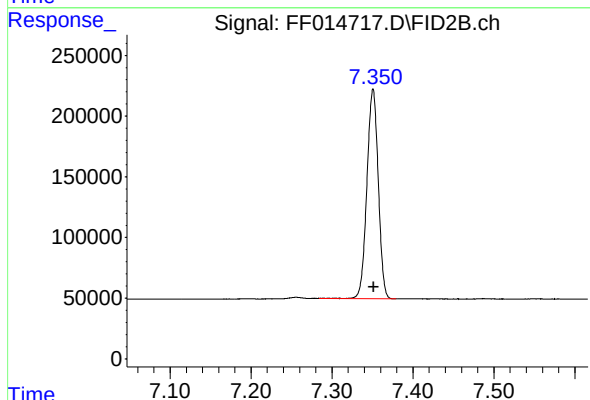
R.T.: 4.596 min
Delta R.T.: 0.000 min
Response: 1581107
Conc: 10.24 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



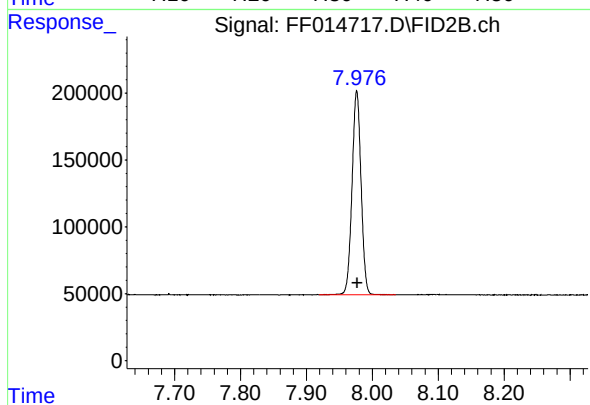
#2 Naphthalene (C11.7)

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 1663535
Conc: 10.24 ug/ml



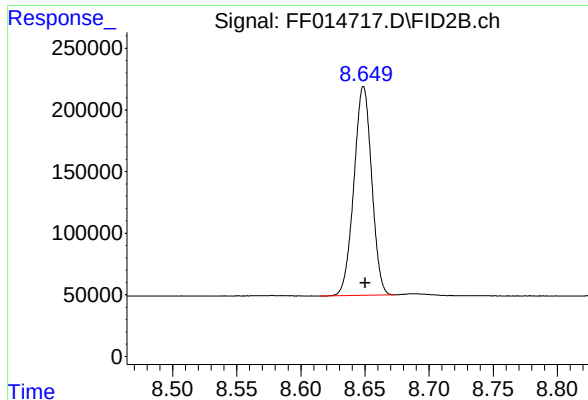
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.351 min
Delta R.T.: -0.001 min
Response: 1681678
Conc: 10.21 ug/ml



#4 2-Bromonaphthalene (SURR)

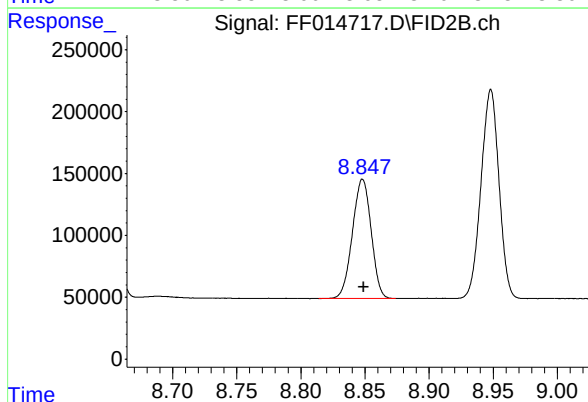
R.T.: 7.976 min
Delta R.T.: -0.001 min
Response: 1450237
Conc: 10.27 ug/ml



#5 Acenaphthylene (C15.06)

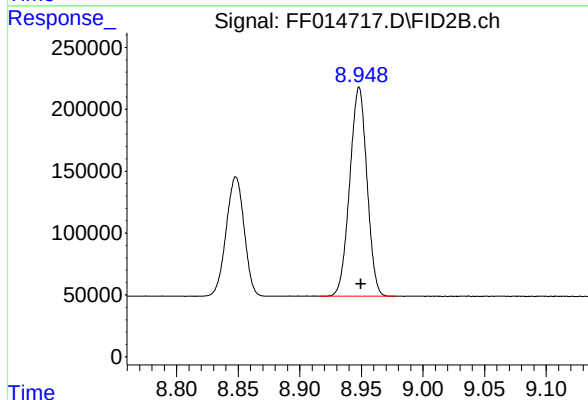
R.T.: 8.649 min
Delta R.T.: -0.002 min
Response: 1634346
Conc: 10.15 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



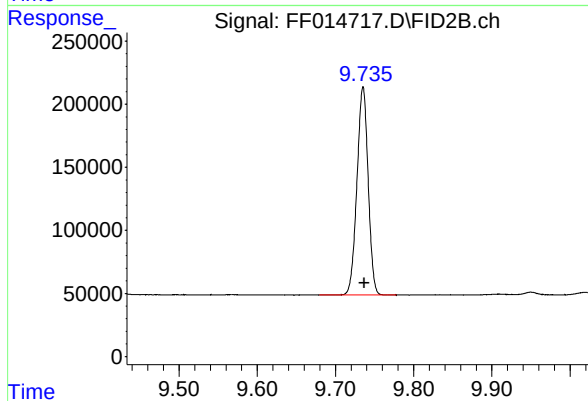
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.848 min
Delta R.T.: 0.000 min
Response: 981036
Conc: 10.25 ug/ml



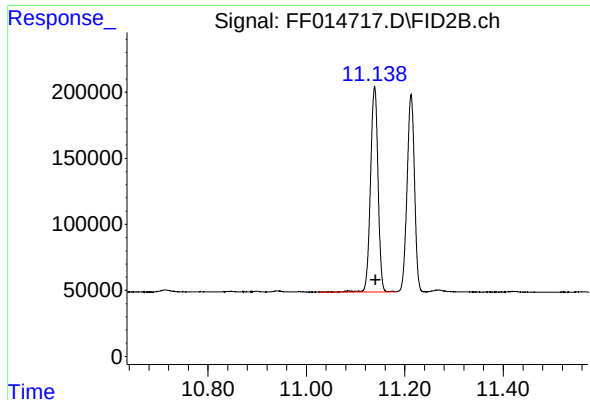
#7 Acenaphthene (C15.5)

R.T.: 8.948 min
Delta R.T.: -0.002 min
Response: 1646332
Conc: 10.24 ug/ml



#8 Flouorene (C16.55)

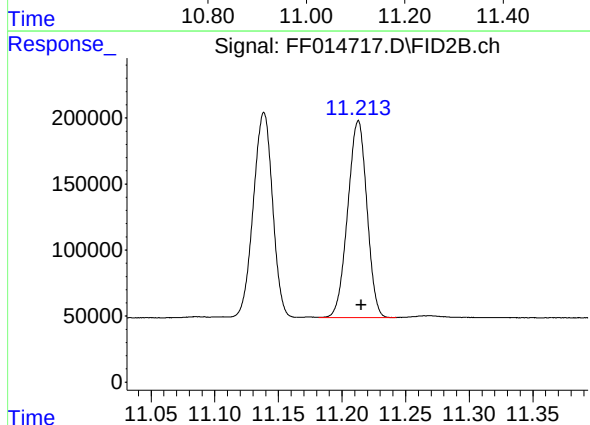
R.T.: 9.735 min
Delta R.T.: -0.002 min
Response: 1639759
Conc: 10.25 ug/ml



#9 Phenanthrene (C19.36)

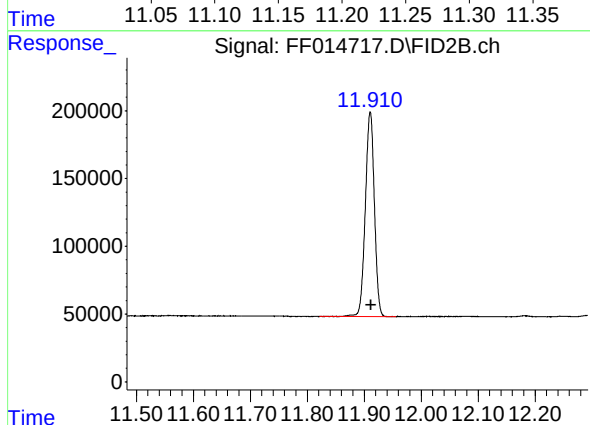
R.T.: 11.139 min
Delta R.T.: -0.002 min
Response: 1648803
Conc: 10.32 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



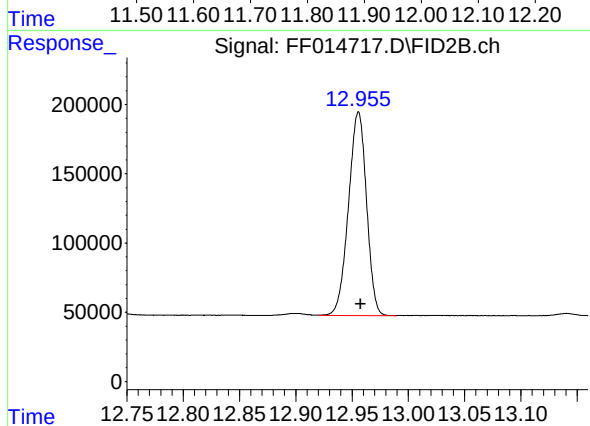
#10 Anthracene (C19.43)

R.T.: 11.213 min
Delta R.T.: -0.002 min
Response: 1564215
Conc: 10.25 ug/ml



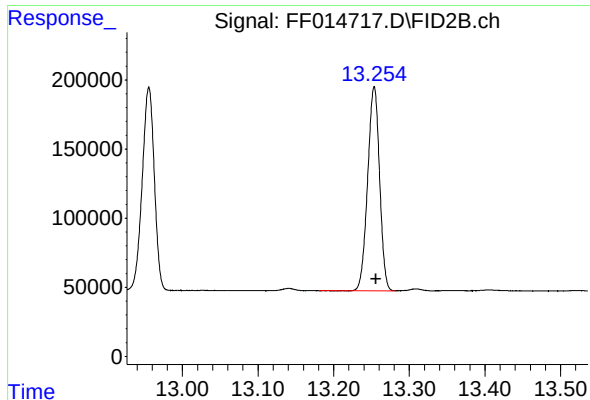
#11 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: -0.002 min
Response: 1666218
Conc: 10.29 ug/ml



#12 Fluoranthene (C21.85)

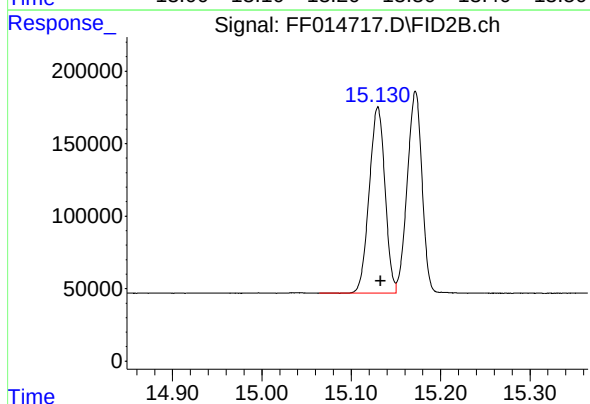
R.T.: 12.956 min
Delta R.T.: -0.002 min
Response: 1639390
Conc: 10.27 ug/ml



#13 Pyrene (C20.8)

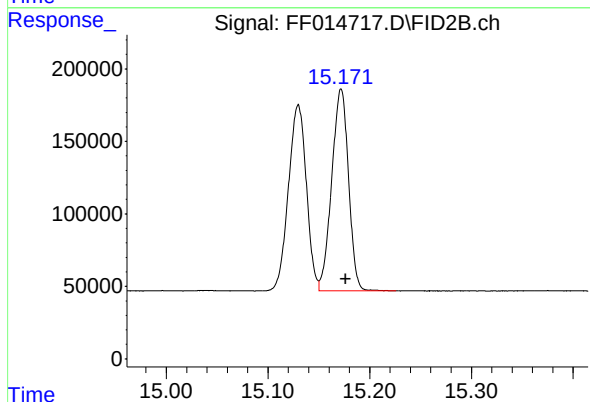
R.T.: 13.254 min
Delta R.T.: -0.003 min
Response: 1618486
Conc: 10.23 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



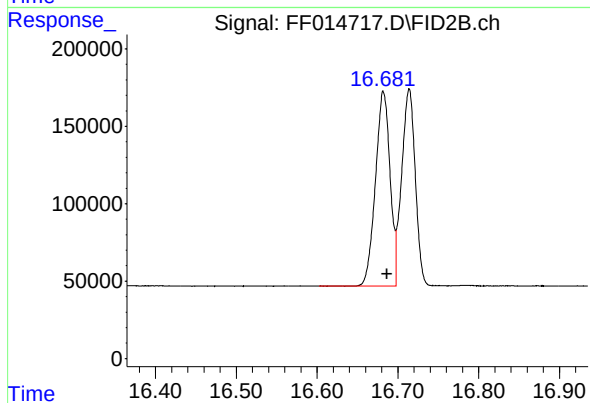
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.130 min
Delta R.T.: -0.003 min
Response: 1574128
Conc: 10.22 ug/ml



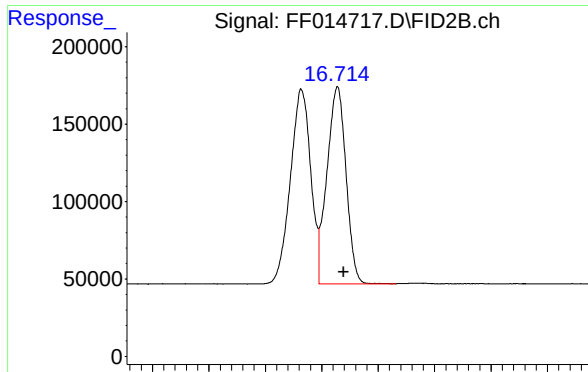
#15 Chrysene (C27.41)

R.T.: 15.172 min
Delta R.T.: -0.004 min
Response: 1600933
Conc: 10.25 ug/ml



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

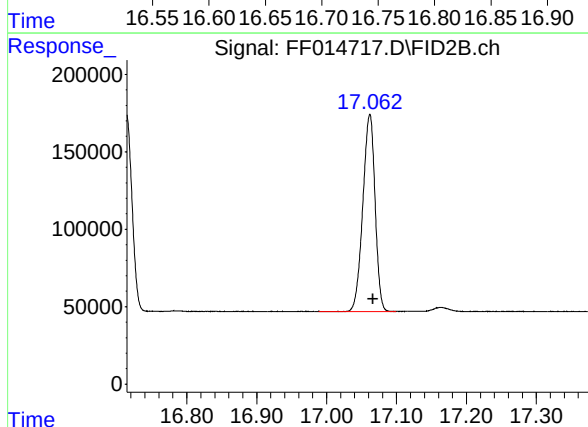
R.T.: 16.682 min
Delta R.T.: -0.004 min
Response: 1575119
Conc: 10.18 ug/ml



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

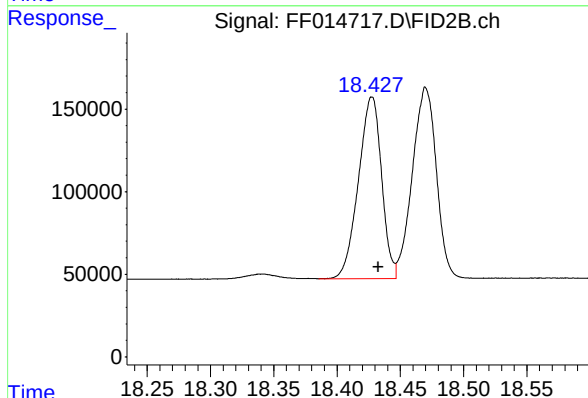
R.T.: 16.714 min
Delta R.T.: -0.006 min
Response: 1494739
Conc: 10.25 ug/ml

Instrument :
FID_F
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10 PPM AROMATIC HC STD4



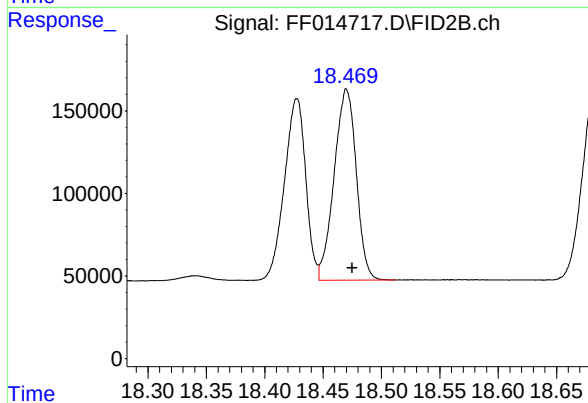
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.062 min
Delta R.T.: -0.004 min
Response: 1546643
Conc: 10.22 ug/ml



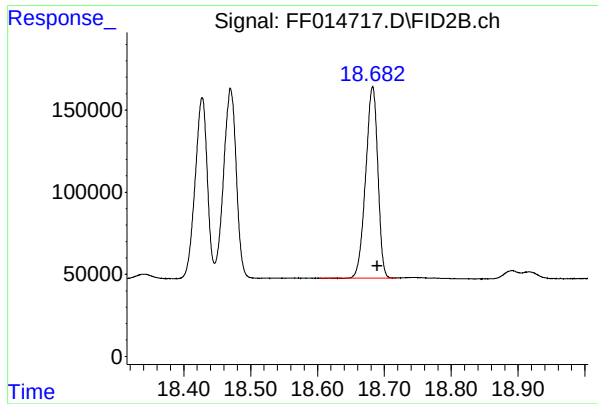
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.427 min
Delta R.T.: -0.005 min
Response: 1399570
Conc: 10.14 ug/ml



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

R.T.: 18.470 min
Delta R.T.: -0.005 min
Response: 1526488
Conc: 10.41 ug/ml



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

R.T.: 18.682 min

Delta R.T.: -0.007 min

Response: 1474399

Conc: 10.17 ug/ml

Instrument :

FID_F

ClientSampleId :

10 PPM AROMATIC HC STD4