

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102124AR\
 Data File : FG014464.D
 Signal(s) : FID1A.ch
 Acq On : 21 Oct 2024 20:38
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Oct 22 04:31:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:30:07 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...	8.035	1288399	10.153 ug/ml
Spiked Amount 50.000		Recovery =	20.31%
6) S 2-Fluorobiphenyl (SURR)	8.910	883096	10.132 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.26%
11) S ortho-Terphenyl (SURR)	11.984	1516598	10.149 ug/ml
Spiked Amount 50.000		Recovery =	20.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.637	1386579	10.049 ug/ml
2) T Naphthalene (C11.7)	6.309	1468810	10.077 ug/ml
3) T 2-Methylnaphthalene (...)	7.406	1497470	10.097 ug/ml
5) T Acenaphthylene (C15.06)	8.711	1496000	10.171 ug/ml
7) T Acenaphthene (C15.5)	9.011	1485183	10.145 ug/ml
8) T Fluorene (C16.55)	9.801	1486301	10.155 ug/ml
9) T Phenanthrene (C19.36)	11.210	1510285	10.164 ug/ml
10) T Anthracene (C19.43)	11.285	1443473	10.189 ug/ml
12) T Fluoranthene (C21.85)	13.033	1521234	10.214 ug/ml
13) T Pyrene (C20.8)	13.332	1514851	10.234 ug/ml
14) T Benzo[a]anthracene (C...	15.213	1497055	10.289 ug/ml
15) T Chrysene (C27.41)	15.255	1519165	10.306 ug/ml
16) T benzo[b]fluoranthene ...	16.769	1522637	10.376 ug/ml
17) T Bnezo[k]fluoranthene ...	16.801	1438990	10.458 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.148	1487369	10.450 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.516	1377258	10.478 ug/ml
20) T Dibenz[a,h]anthracene...	18.559	1473248	10.619 ug/ml
21) T Benzo[g,h,i]perylene ...	18.772	1455003	10.515 ug/ml

(f)=RT Delta > 1/2 Window

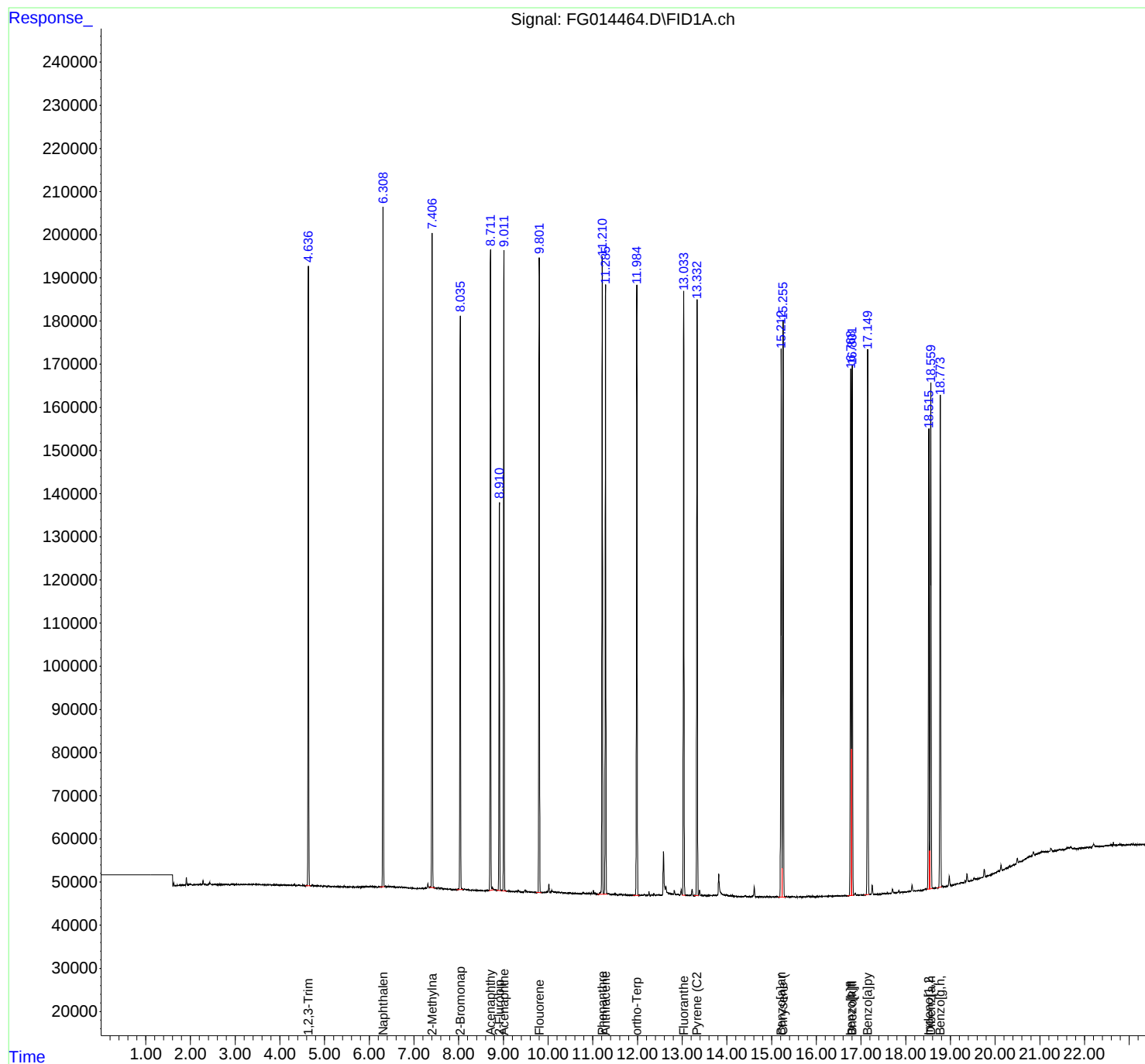
(m)=manual int.

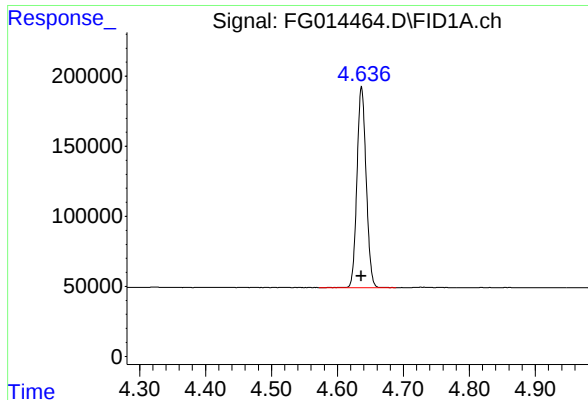
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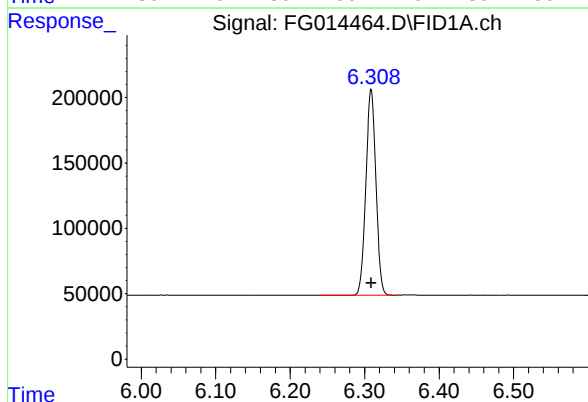




#1 1,2,3-Trimethylbenzene (C10.1)

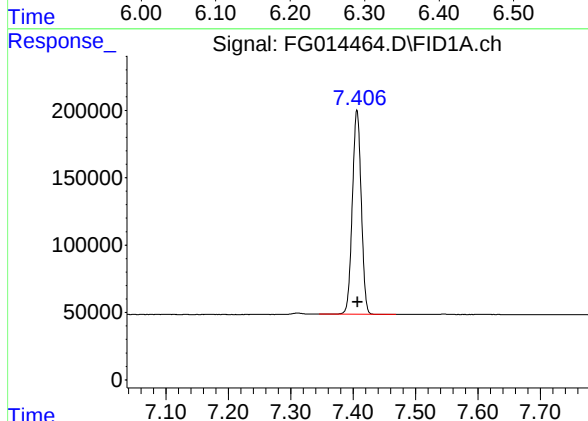
R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 1386579
Conc: 10.05 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



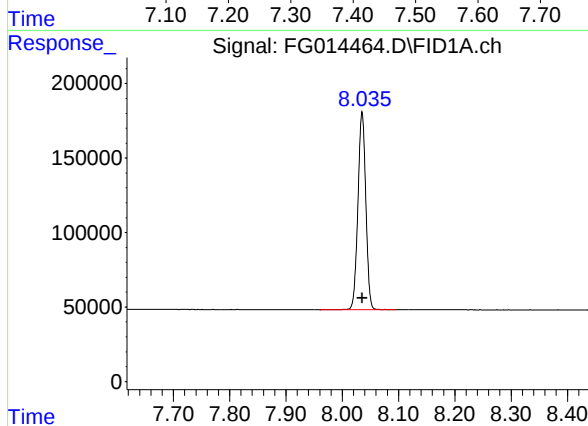
#2 Naphthalene (C11.7)

R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 1468810
Conc: 10.08 ug/ml



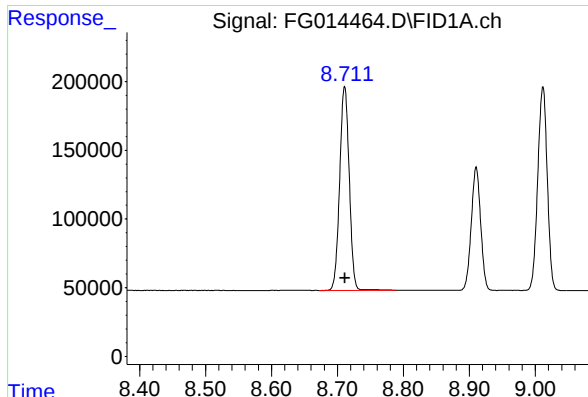
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.406 min
Delta R.T.: -0.001 min
Response: 1497470
Conc: 10.10 ug/ml



#4 2-Bromonaphthalene (SURR)

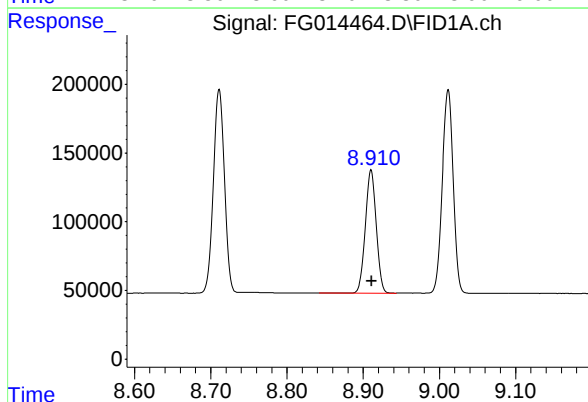
R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 1288399
Conc: 10.15 ug/ml



#5 Acenaphthylene (C15.06)

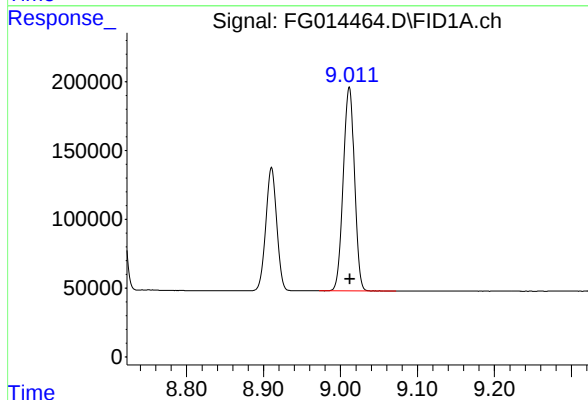
R.T.: 8.711 min
Delta R.T.: 0.000 min
Response: 1496000
Conc: 10.17 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



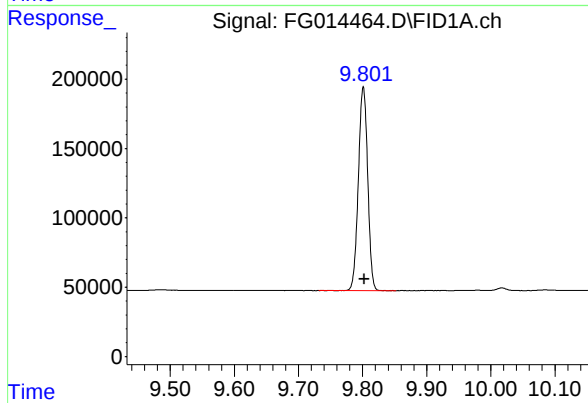
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.910 min
Delta R.T.: 0.000 min
Response: 883096
Conc: 10.13 ug/ml



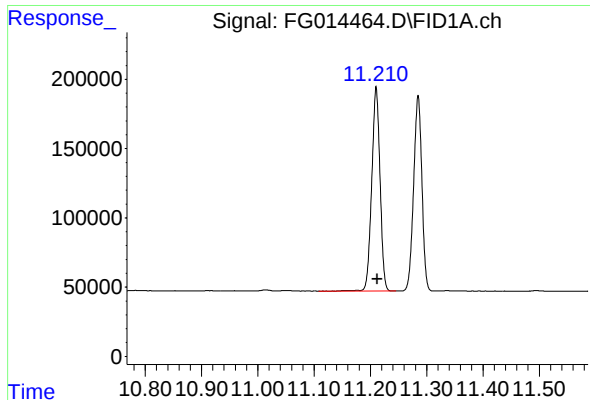
#7 Acenaphthene (C15.5)

R.T.: 9.011 min
Delta R.T.: -0.001 min
Response: 1485183
Conc: 10.15 ug/ml



#8 Flouorene (C16.55)

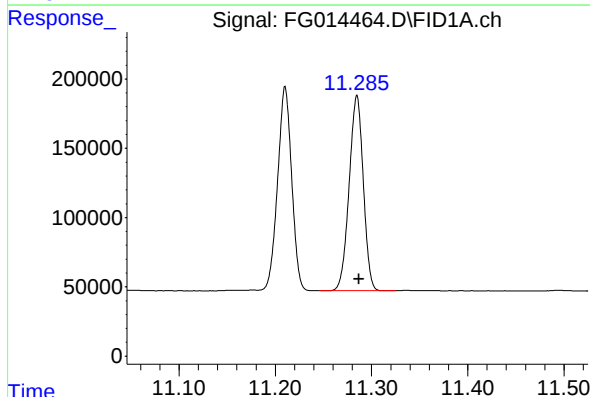
R.T.: 9.801 min
Delta R.T.: -0.001 min
Response: 1486301
Conc: 10.15 ug/ml



#9 Phenanthrene (C19.36)

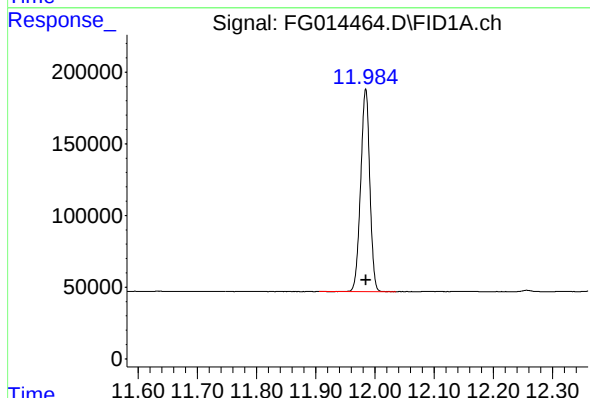
R.T.: 11.210 min
Delta R.T.: -0.002 min
Response: 1510285
Conc: 10.16 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4



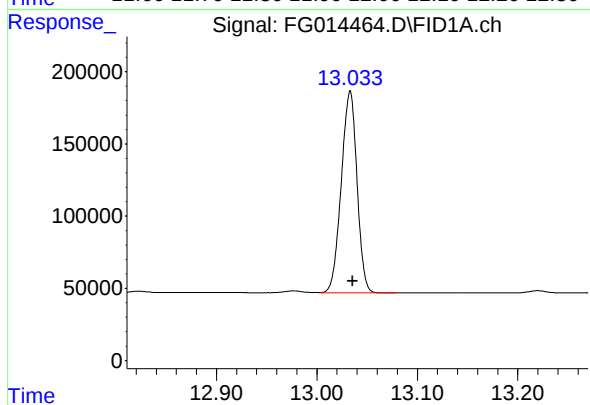
#10 Anthracene (C19.43)

R.T.: 11.285 min
Delta R.T.: -0.002 min
Response: 1443473
Conc: 10.19 ug/ml



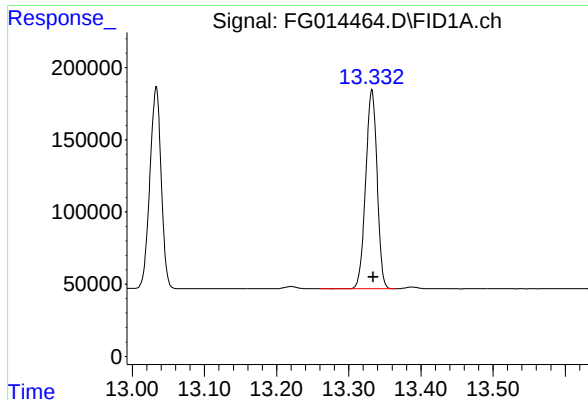
#11 ortho-Terphenyl (SURR)

R.T.: 11.984 min
Delta R.T.: 0.000 min
Response: 1516598
Conc: 10.15 ug/ml



#12 Fluoranthene (C21.85)

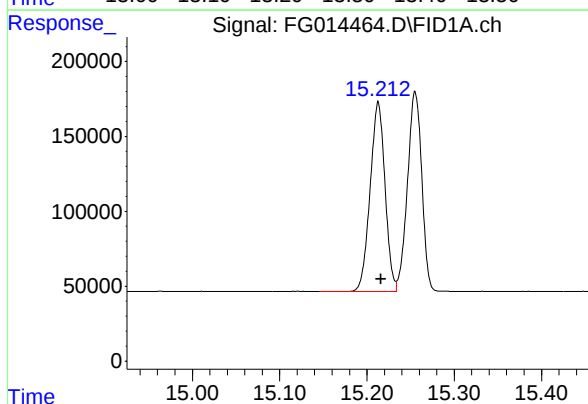
R.T.: 13.033 min
Delta R.T.: -0.003 min
Response: 1521234
Conc: 10.21 ug/ml



#13 Pyrene (C20.8)

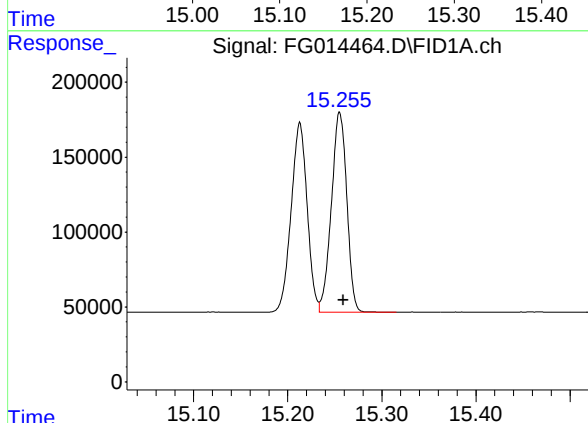
R.T.: 13.332 min
Delta R.T.: -0.002 min
Response: 1514851
Conc: 10.23 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



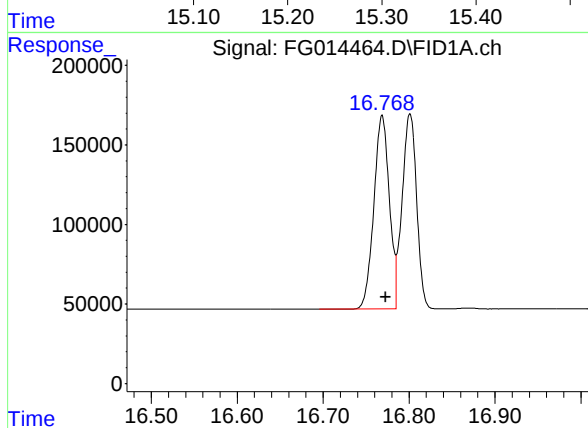
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.213 min
Delta R.T.: -0.003 min
Response: 1497055
Conc: 10.29 ug/ml



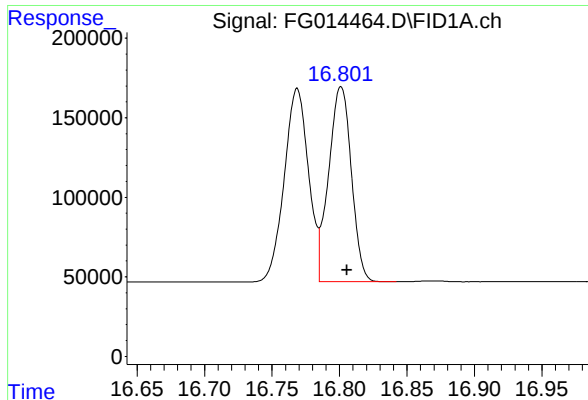
#15 Chrysene (C27.41)

R.T.: 15.255 min
Delta R.T.: -0.004 min
Response: 1519165
Conc: 10.31 ug/ml



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

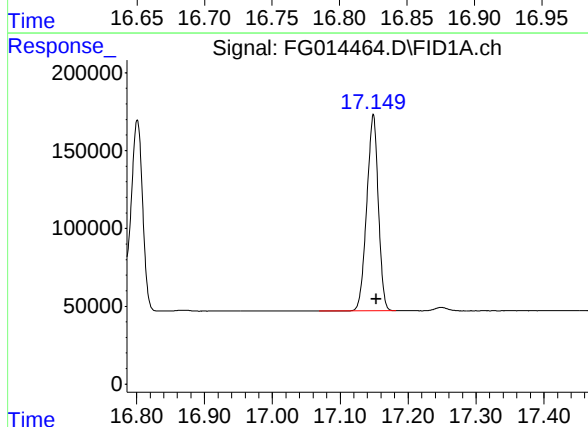
R.T.: 16.769 min
Delta R.T.: -0.004 min
Response: 1522637
Conc: 10.38 ug/ml



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

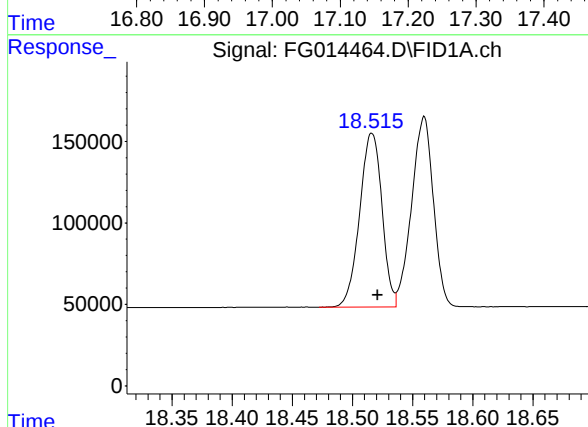
R.T.: 16.801 min
Delta R.T.: -0.004 min
Response: 1438990
Conc: 10.46 ug/ml

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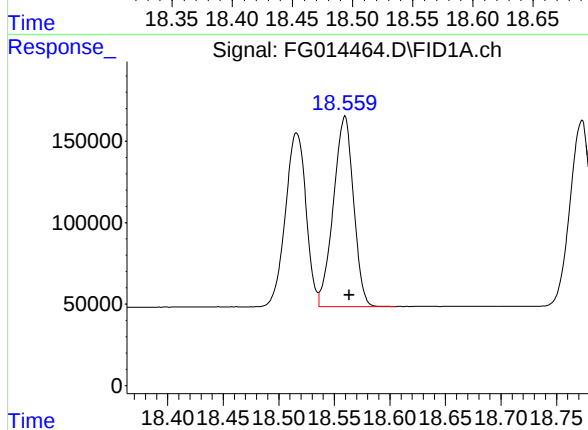
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.148 min
Delta R.T.: -0.005 min
Response: 1487369
Conc: 10.45 ug/ml



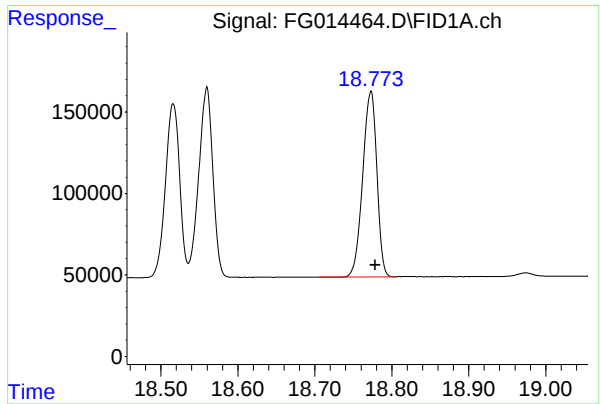
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.516 min
Delta R.T.: -0.005 min
Response: 1377258
Conc: 10.48 ug/ml



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

R.T.: 18.559 min
Delta R.T.: -0.004 min
Response: 1473248
Conc: 10.62 ug/ml



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

R.T.: 18.772 min

Delta R.T.: -0.006 min

Response: 1455003

Conc: 10.52 ug/ml

Instrument :

FID_G

ClientSampleId :

10 PPM AROMATIC HC STD4