

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG020525AR\
 Data File : FG015308.D
 Signal(s) : FID1A.ch
 Acq On : 05 Feb 2025 19:05
 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: Feb 06 02:55:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 020525.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 06 02:53:06 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...	7.983	1245501	10.889 ug/ml
Spiked Amount 50.000		Recovery =	21.78%
6) S 2-Fluorobiphenyl (SURR)	8.862	856275	10.838 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.68%
11) S ortho-Terphenyl (SURR)	11.938	1434304	10.934 ug/ml
Spiked Amount 50.000		Recovery =	21.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.574	1301157	10.890 ug/ml
2) T Naphthalene (C11.7)	6.253	1375876	10.819 ug/ml
3) T 2-Methylnaphthalene (...)	7.354	1368936	10.848 ug/ml
5) T Acenaphthylene (C15.06)	8.661	1422091	10.899 ug/ml
7) T Acenaphthene (C15.5)	8.962	1389088	10.888 ug/ml
8) T Flouorene (C16.55)	9.755	1416736	10.890 ug/ml
9) T Phenanthrene (C19.36)	11.166	1373673	10.876 ug/ml
10) T Anthracene (C19.43)	11.242	1343786	10.836 ug/ml
12) T Fluoranthene (C21.85)	12.995	1357743	10.923 ug/ml
13) T Pyrene (C20.8)	13.294	1337192	10.876 ug/ml
14) T Benzo[a]anthracene (C...	15.181	1301142	10.928 ug/ml
15) T Chrysene (C27.41)	15.223	1316597	11.025 ug/ml
16) T benzo[b]fluoranthene ...	16.744	1324241	10.955 ug/ml
17) T Bnezo[k]fluoranthene ...	16.776	1331990	11.061 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.126	1289660	10.992 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.502	1285093	10.888 ug/ml
20) T Dibenz[a,h]anthracene...	18.540	1416419	11.150 ug/ml
21) T Benzo[g,h,i]perylene ...	18.757	1394825	11.023 ug/ml

(f)=RT Delta > 1/2 Window

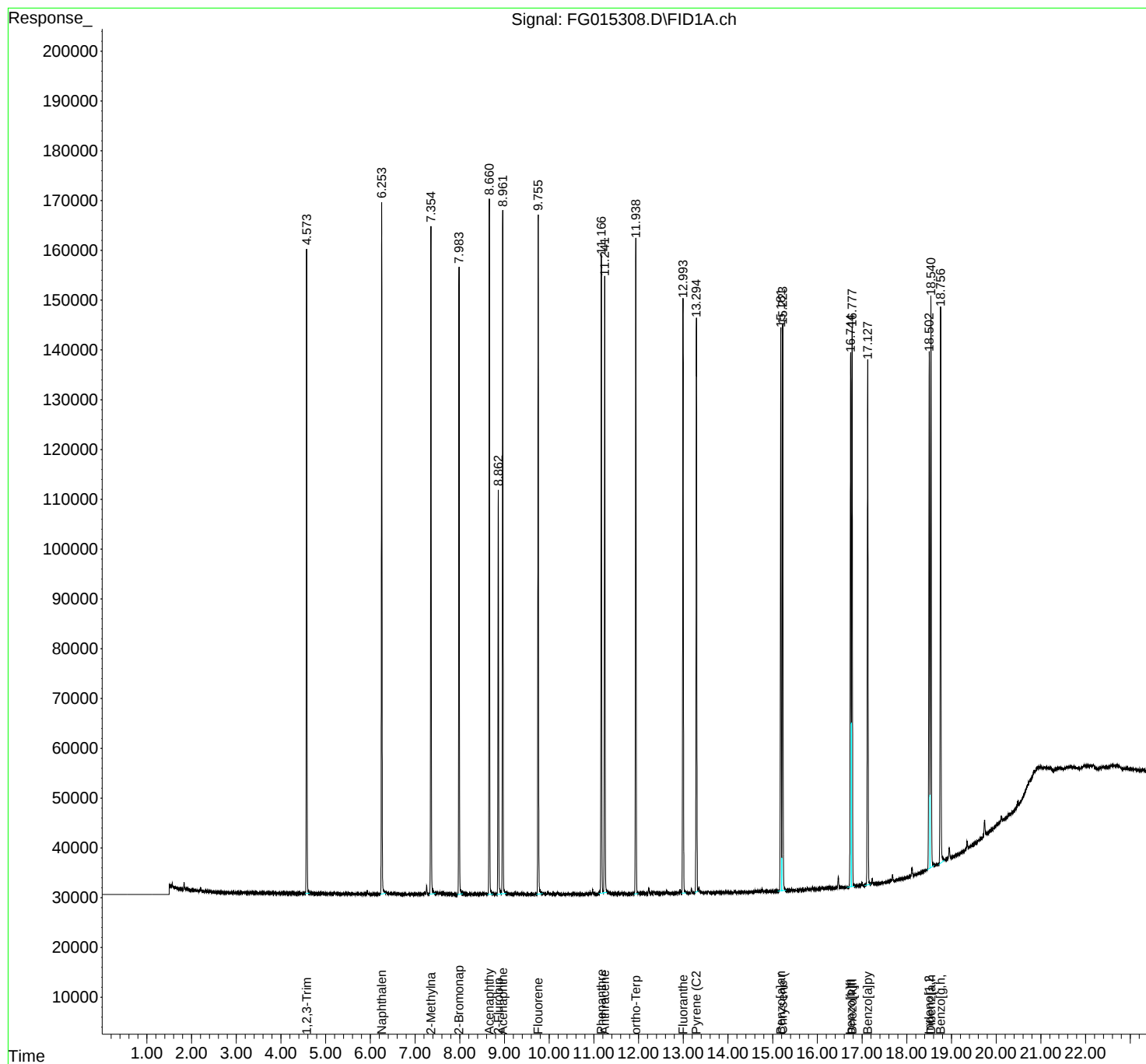
(m)=manual int.

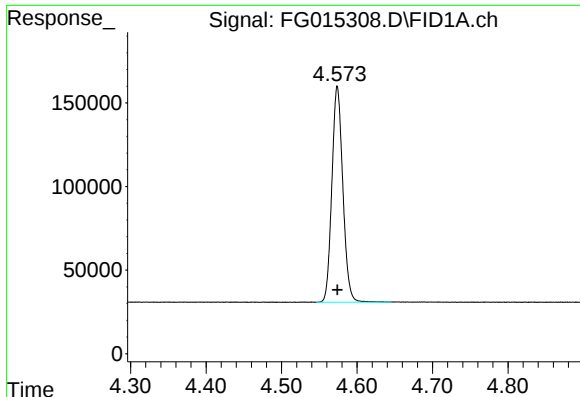
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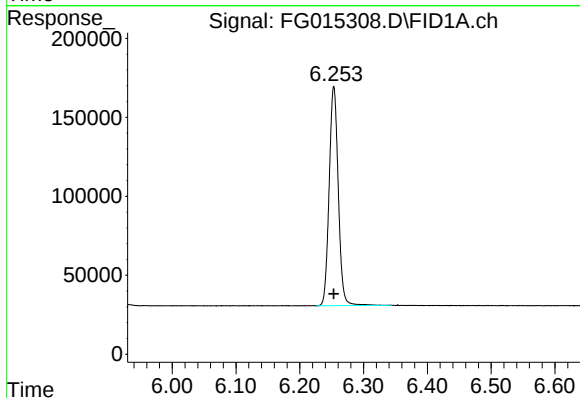




#1 1,2,3-Trimethylbenzene (C10.1)

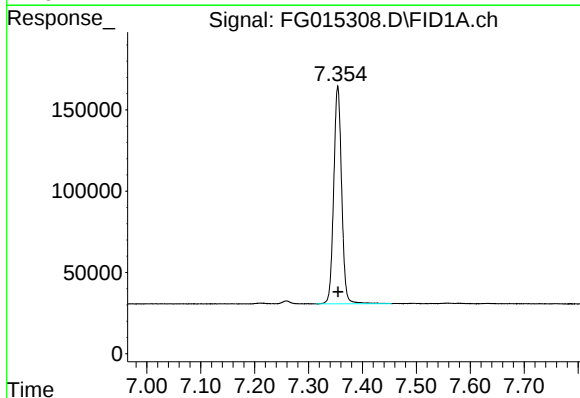
R.T.: 4.574 min
Delta R.T.: 0.000 min
Response: 1301157
Conc: 10.89 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



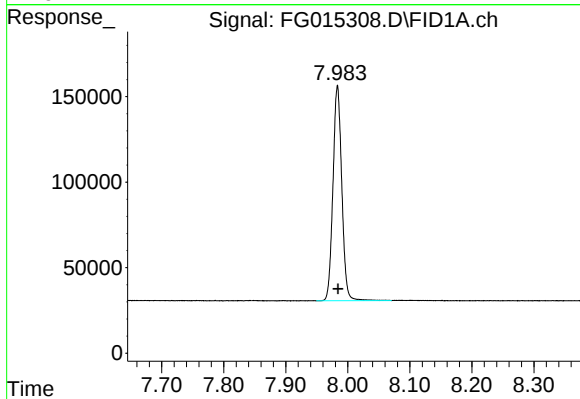
#2 Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: 0.000 min
Response: 1375876
Conc: 10.82 ug/ml



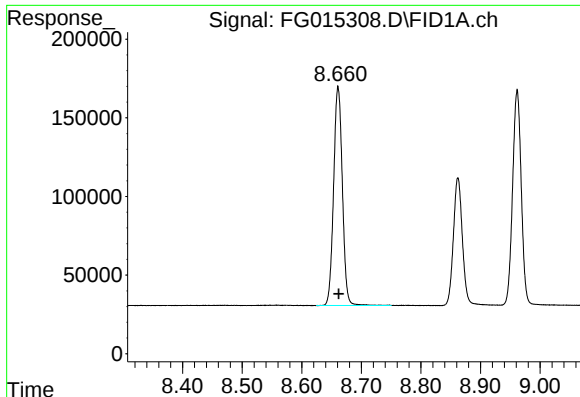
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.354 min
Delta R.T.: 0.000 min
Response: 1368936
Conc: 10.85 ug/ml



#4 2-Bromonaphthalene (SURR)

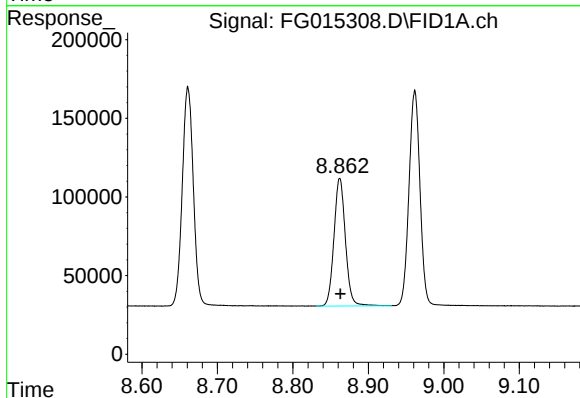
R.T.: 7.983 min
Delta R.T.: -0.001 min
Response: 1245501
Conc: 10.89 ug/ml



#5 Acenaphthylene (C15.06)

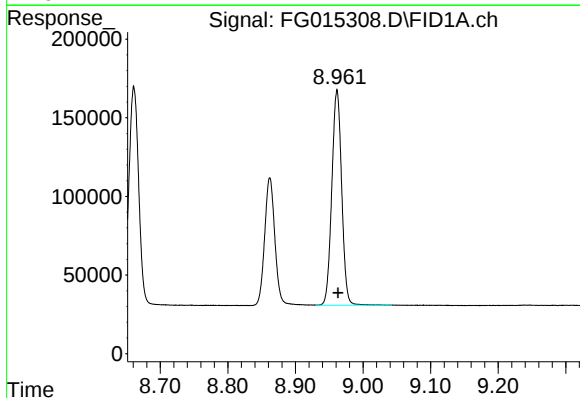
R.T.: 8.661 min
Delta R.T.: 0.000 min
Response: 1422091
Conc: 10.90 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



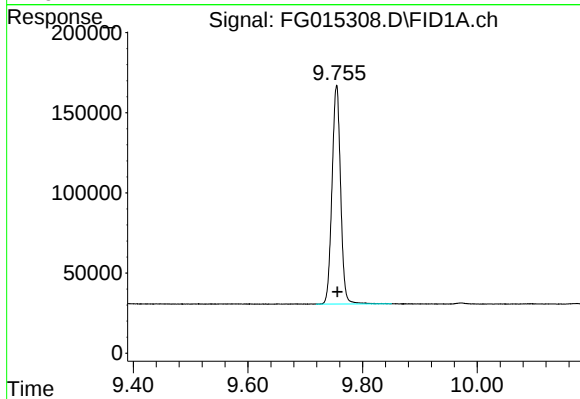
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.862 min
Delta R.T.: 0.000 min
Response: 856275
Conc: 10.84 ug/ml



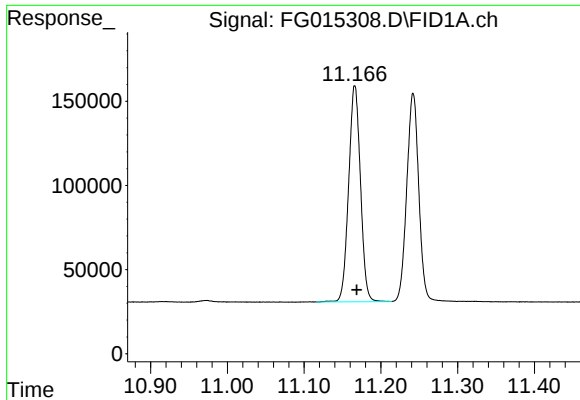
#7 Acenaphthene (C15.5)

R.T.: 8.962 min
Delta R.T.: -0.001 min
Response: 1389088
Conc: 10.89 ug/ml



#8 Fluorene (C16.55)

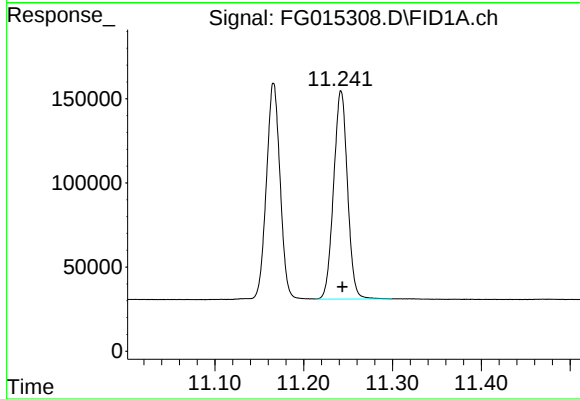
R.T.: 9.755 min
Delta R.T.: -0.002 min
Response: 1416736
Conc: 10.89 ug/ml



#9 Phenanthrene (C19.36)

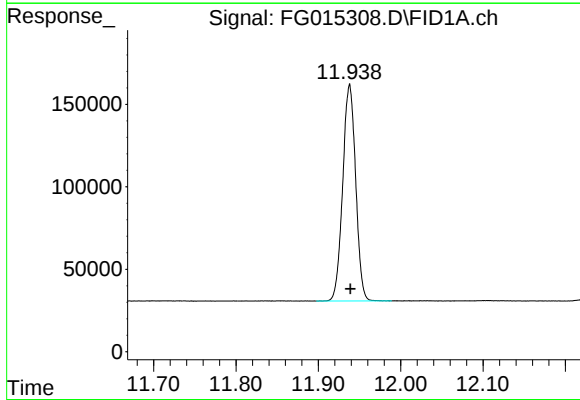
R.T.: 11.166 min
Delta R.T.: -0.002 min
Response: 1373673
Conc: 10.88 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



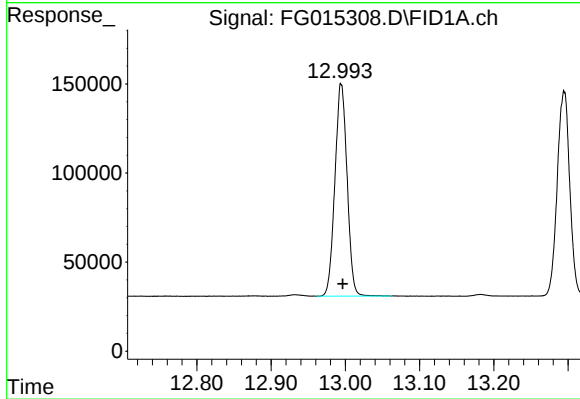
#10 Anthracene (C19.43)

R.T.: 11.242 min
Delta R.T.: -0.002 min
Response: 1343786
Conc: 10.84 ug/ml



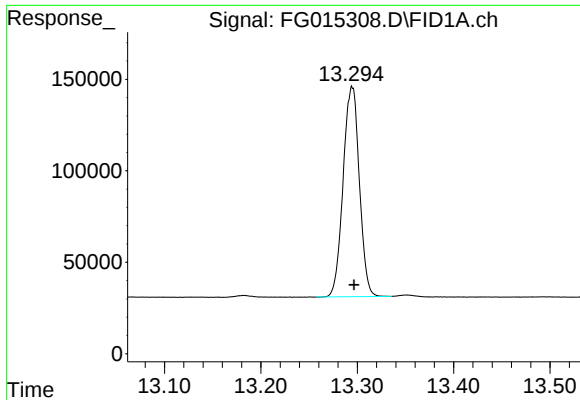
#11 ortho-Terphenyl (SURR)

R.T.: 11.938 min
Delta R.T.: 0.000 min
Response: 1434304
Conc: 10.93 ug/ml



#12 Fluoranthene (C21.85)

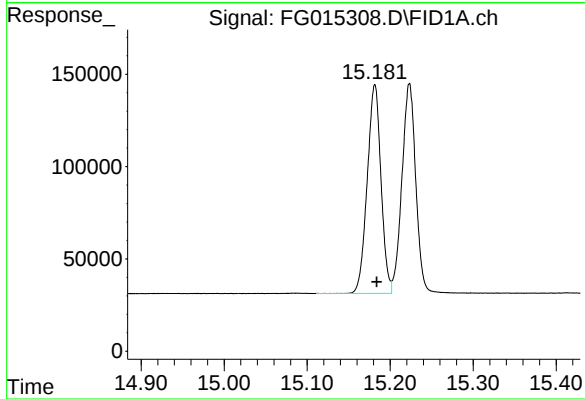
R.T.: 12.995 min
Delta R.T.: -0.002 min
Response: 1357743
Conc: 10.92 ug/ml



#13 Pyrene (C20.8)

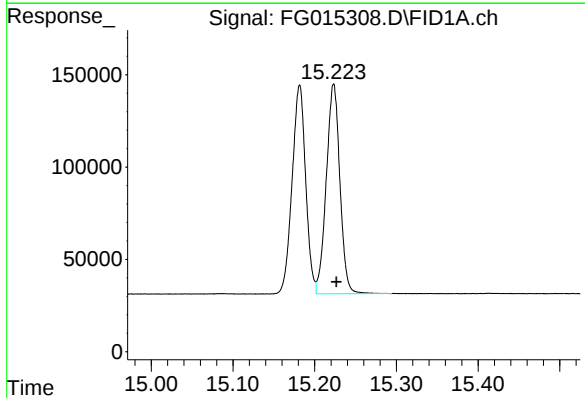
R.T.: 13.294 min
Delta R.T.: -0.002 min
Response: 1337192
Conc: 10.88 ug/ml

Instrument :
FID_G
ClientSampleId :
10 PPM AROMATIC HC STD4



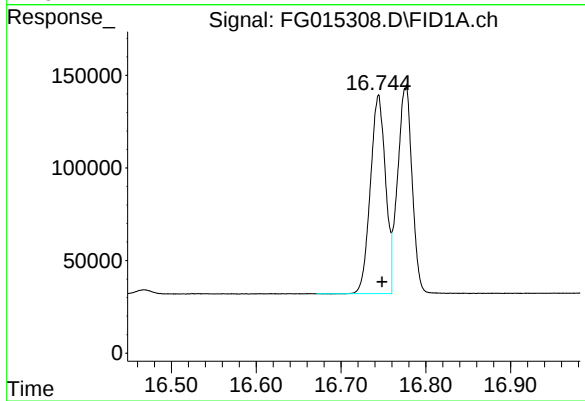
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.181 min
Delta R.T.: -0.002 min
Response: 1301142
Conc: 10.93 ug/ml



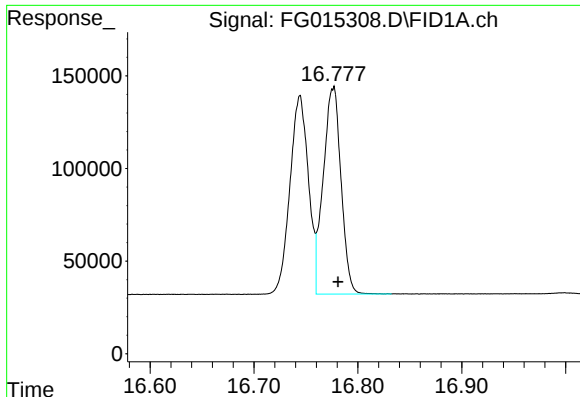
#15 Chrysene (C27.41)

R.T.: 15.223 min
Delta R.T.: -0.003 min
Response: 1316597
Conc: 11.02 ug/ml



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

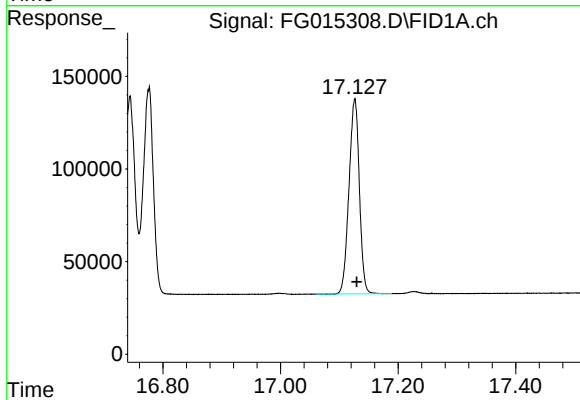
R.T.: 16.744 min
Delta R.T.: -0.004 min
Response: 1324241
Conc: 10.95 ug/ml



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

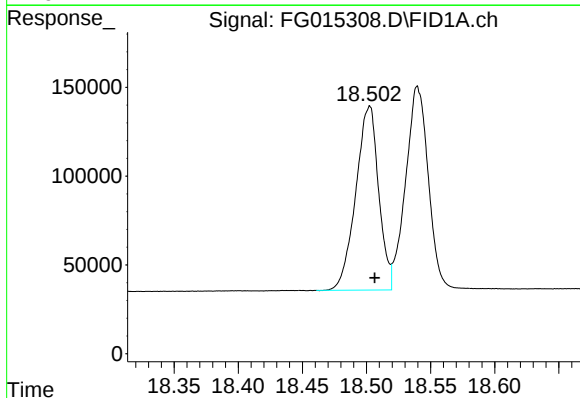
R.T.: 16.776 min
Delta R.T.: -0.005 min
Response: 1331990
Conc: 11.06 ug/ml

Instrument :
FID_G
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10 PPM AROMATIC HC STD4



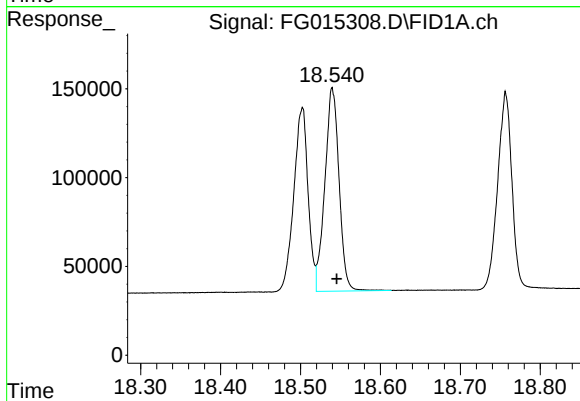
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.126 min
Delta R.T.: -0.004 min
Response: 1289660
Conc: 10.99 ug/ml



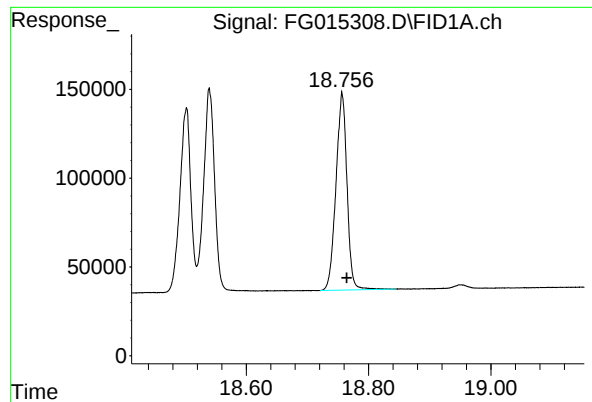
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.502 min
Delta R.T.: -0.005 min
Response: 1285093
Conc: 10.89 ug/ml



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

R.T.: 18.540 min
Delta R.T.: -0.005 min
Response: 1416419
Conc: 11.15 ug/ml



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

R.T.: 18.757 min
Delta R.T.: -0.007 min
Response: 1394825
Conc: 11.02 ug/ml

Instrument :

FID_G

ClientSampleId :

10 PPM AROMATIC HC STD4