

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF102124AR\
 Data File : FF014721.D
 Signal(s) : FID2B.ch
 Acq On : 21 Oct 2024 23:31
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 22 04:16:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:14:53 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...	7.978	2780628	19.941 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
6) S 2-Fluorobiphenyl (SURR)	8.849	1895891	20.103 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.21%
11) S ortho-Terphenyl (SURR)	11.913	3204513	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.597	3056092	20.091 ug/ml
2) T Naphthalene (C11.7)	6.260	3217052	20.099 ug/ml
3) T 2-Methylnaphthalene (...)	7.352	3251051	20.096 ug/ml
5) T Acenaphthylene (C15.06)	8.651	3172998	20.030 ug/ml
7) T Acenaphthene (C15.5)	8.950	3186103	20.081 ug/ml
8) T Fluorene (C16.55)	9.737	3167697	20.077 ug/ml
9) T Phenanthrene (C19.36)	11.142	3173944	20.162 ug/ml
10) T Anthracene (C19.43)	11.216	3028207	20.131 ug/ml
12) T Fluoranthene (C21.85)	12.959	3159730	20.050 ug/ml
13) T Pyrene (C20.8)	13.257	3131216	20.082 ug/ml
14) T Benzo[a]anthracene (C...	15.134	3052117	20.085 ug/ml
15) T Chrysene (C27.41)	15.176	3092036	20.008 ug/ml
16) T benzo[b]fluoranthene ...	16.687	3055016	19.982 ug/ml
17) T Bnezo[k]fluoranthene ...	16.720	2890562	20.009 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.068	2993797	20.057 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.434	2737454	19.959 ug/ml
20) T Dibenz[a,h]anthracene...	18.476	2904534	19.993 ug/ml
21) T Benzo[g,h,i]perylene ...	18.691	2874393	20.120 ug/ml

(f)=RT Delta > 1/2 Window

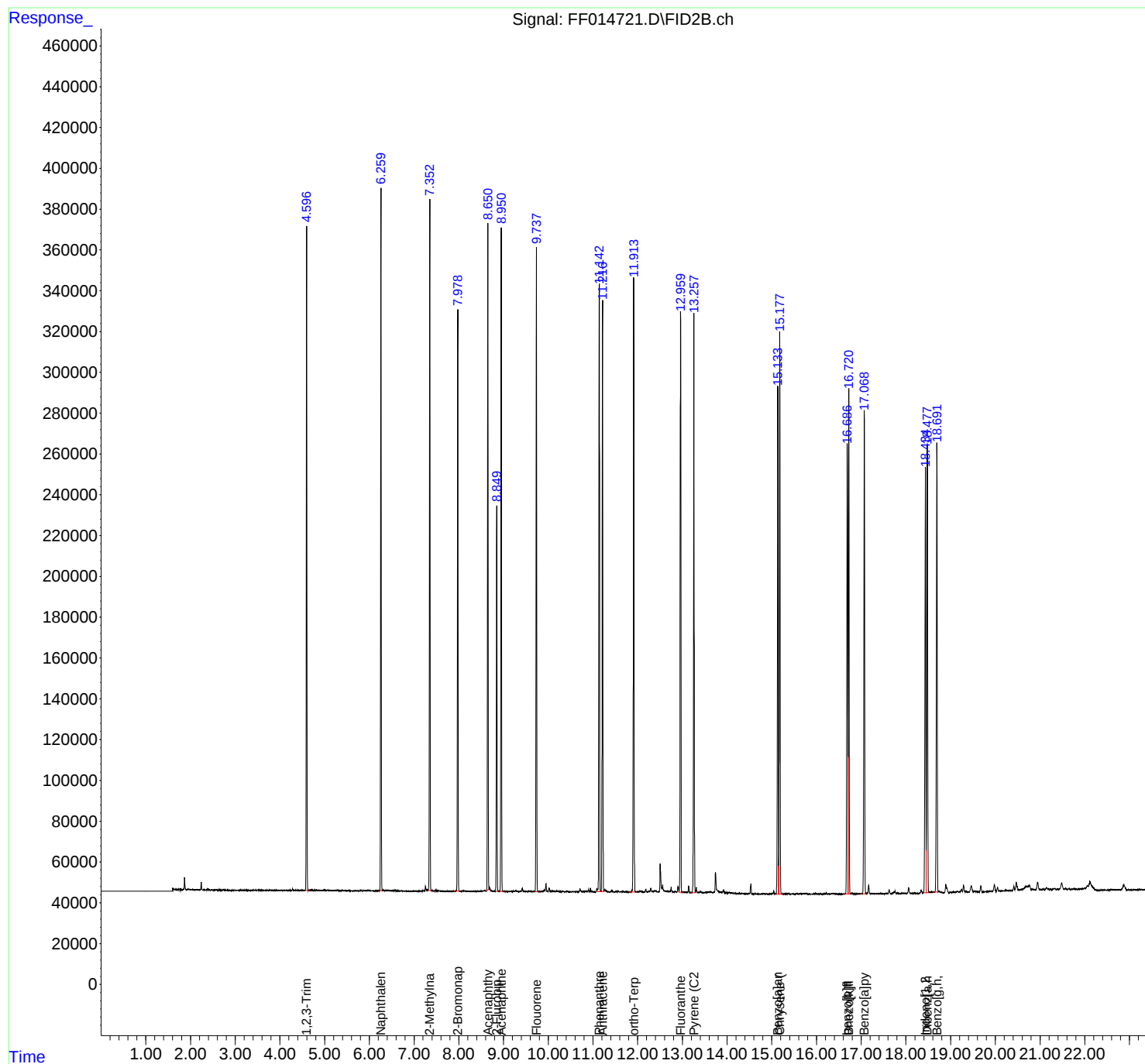
(m)=manual int.

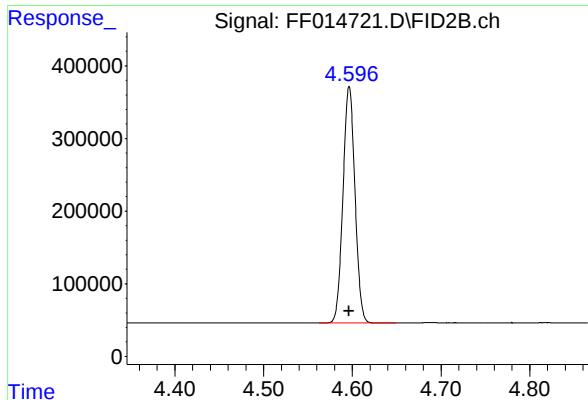
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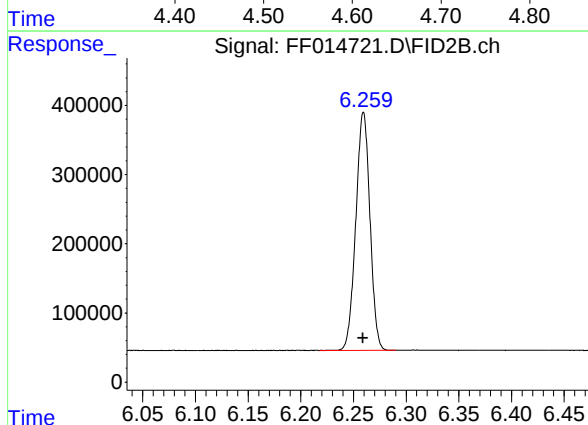




#1 1,2,3-Trimethylbenzene (C10.1)

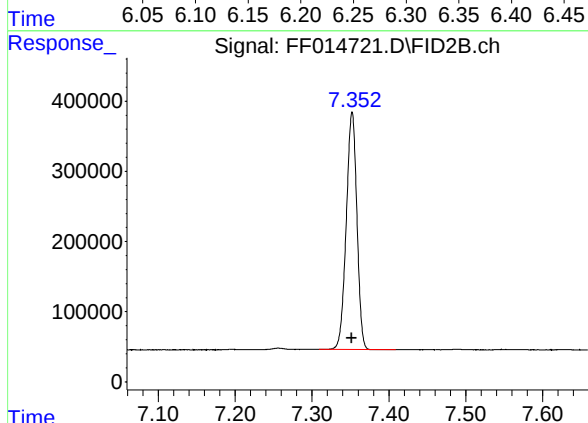
R.T.: 4.597 min
Delta R.T.: 0.000 min
Response: 3056092
Conc: 20.09 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



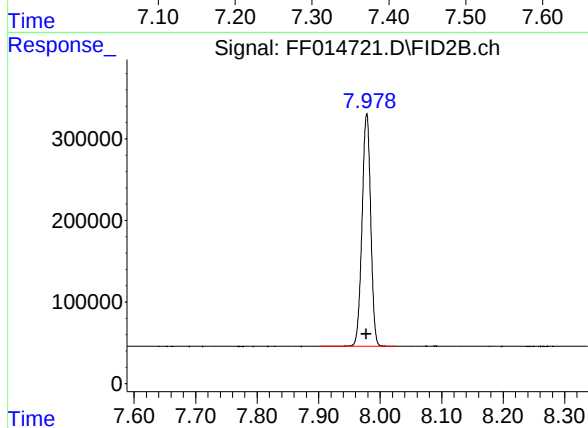
#2 Naphthalene (C11.7)

R.T.: 6.260 min
Delta R.T.: 0.000 min
Response: 3217052
Conc: 20.10 ug/ml



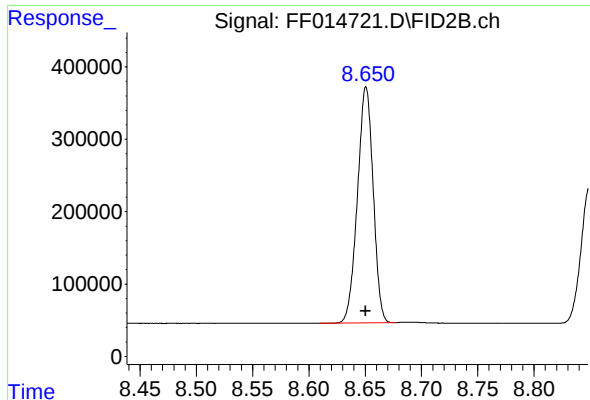
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 3251051
Conc: 20.10 ug/ml



#4 2-Bromonaphthalene (SURR)

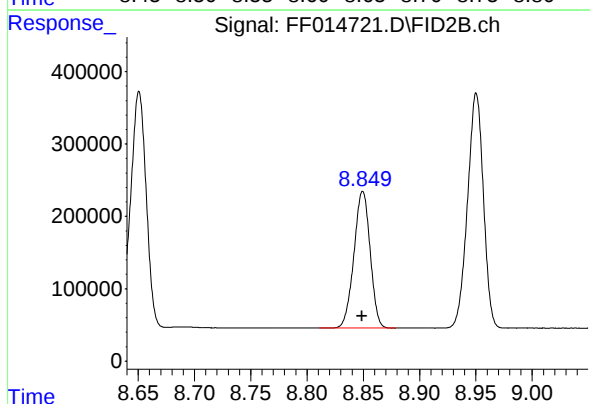
R.T.: 7.978 min
Delta R.T.: 0.000 min
Response: 2780628
Conc: 19.94 ug/ml



#5 Acenaphthylene (C15.06)

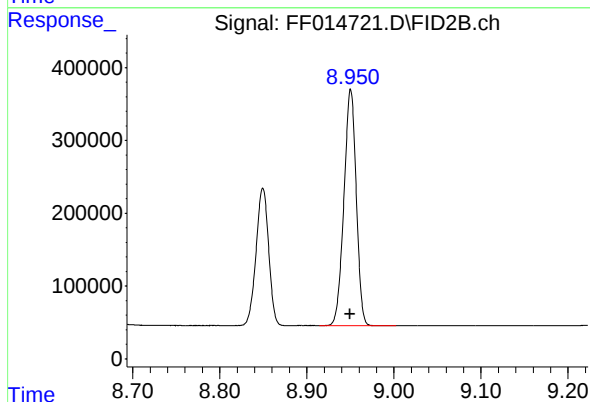
R.T.: 8.651 min
Delta R.T.: 0.000 min
Response: 3172998
Conc: 20.03 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



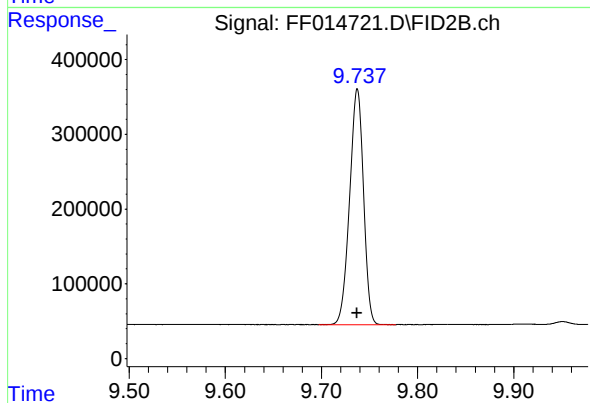
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.849 min
Delta R.T.: 0.000 min
Response: 1895891
Conc: 20.10 ug/ml



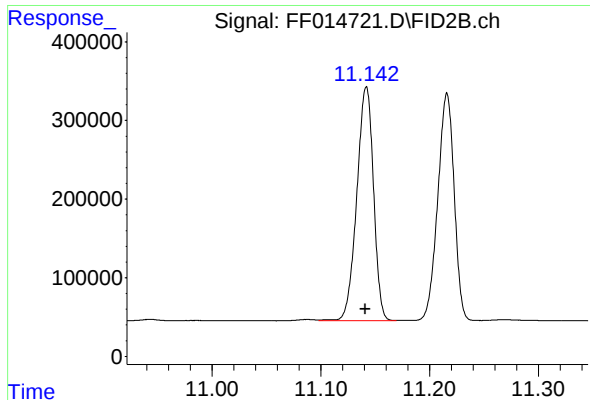
#7 Acenaphthene (C15.5)

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 3186103
Conc: 20.08 ug/ml



#8 Fluorene (C16.55)

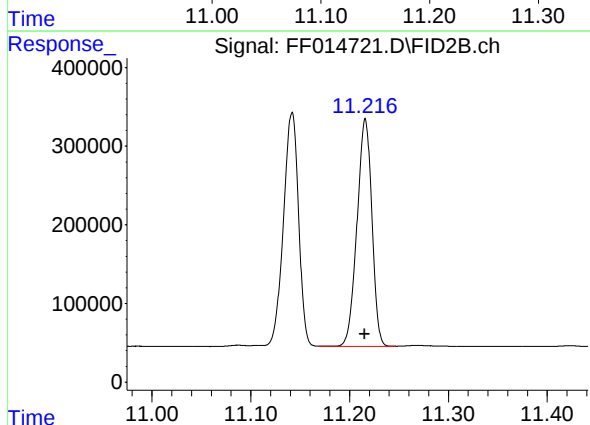
R.T.: 9.737 min
Delta R.T.: 0.000 min
Response: 3167697
Conc: 20.08 ug/ml



#9 Phenanthrene (C19.36)

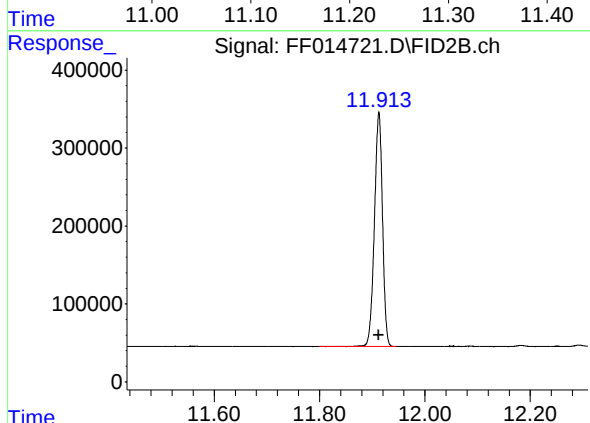
R.T.: 11.142 min
Delta R.T.: 0.000 min
Response: 3173944
Conc: 20.16 ug/ml

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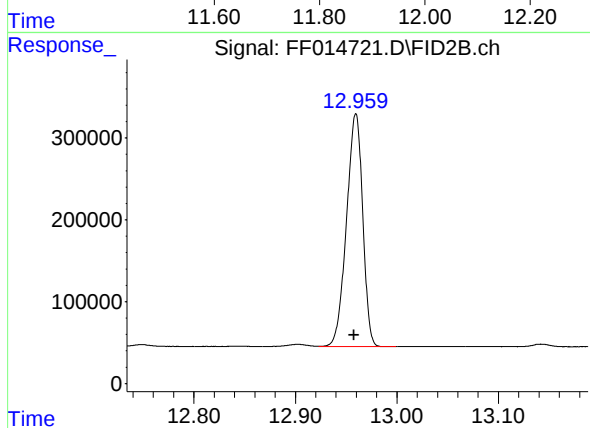
#10 Anthracene (C19.43)

R.T.: 11.216 min
Delta R.T.: 0.000 min
Response: 3028207
Conc: 20.13 ug/ml



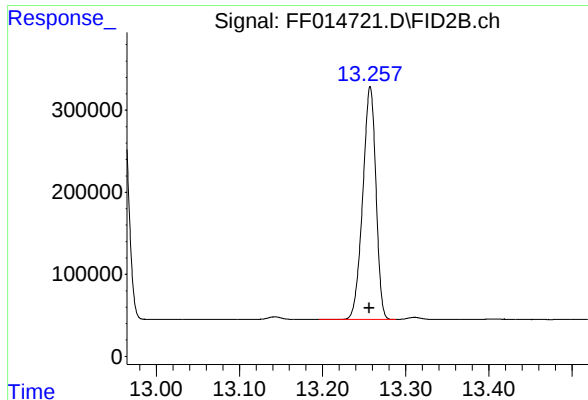
#11 ortho-Terphenyl (SURR)

R.T.: 11.913 min
Delta R.T.: 0.000 min
Response: 3204513
Conc: 20.03 ug/ml



#12 Fluoranthene (C21.85)

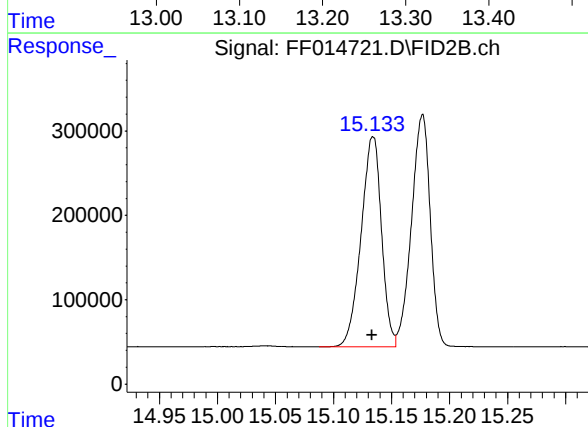
R.T.: 12.959 min
Delta R.T.: 0.002 min
Response: 3159730
Conc: 20.05 ug/ml



#13 Pyrene (C20.8)

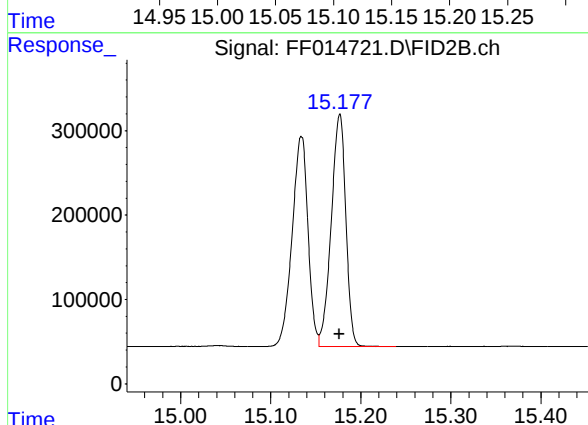
R.T.: 13.257 min
Delta R.T.: 0.001 min
Response: 3131216
Conc: 20.08 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



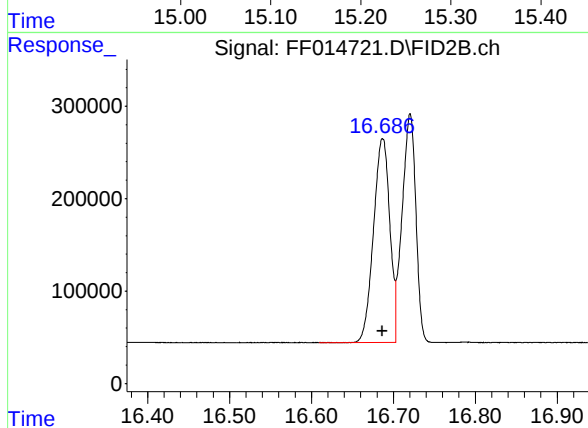
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.134 min
Delta R.T.: 0.000 min
Response: 3052117
Conc: 20.08 ug/ml



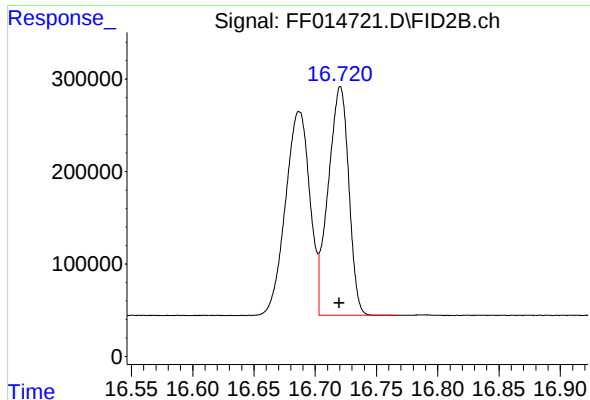
#15 Chrysene (C27.41)

R.T.: 15.176 min
Delta R.T.: 0.000 min
Response: 3092036
Conc: 20.01 ug/ml



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

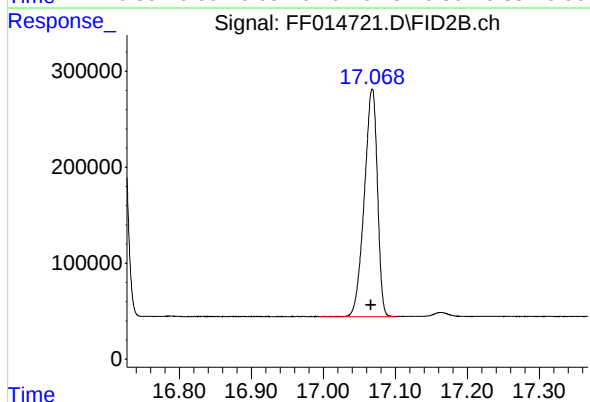
R.T.: 16.687 min
Delta R.T.: 0.000 min
Response: 3055016
Conc: 19.98 ug/ml



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

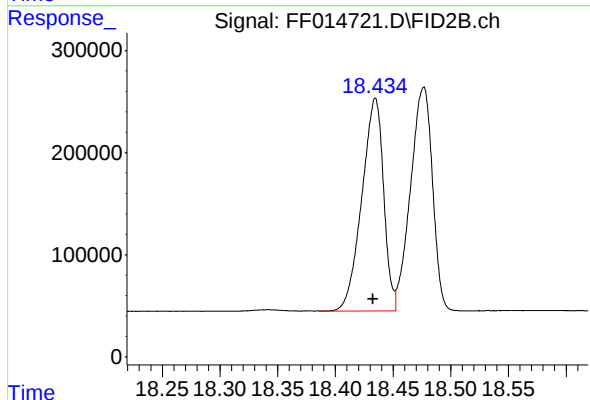
R.T.: 16.720 min
Delta R.T.: 0.000 min
Response: 2890562
Conc: 20.01 ug/ml

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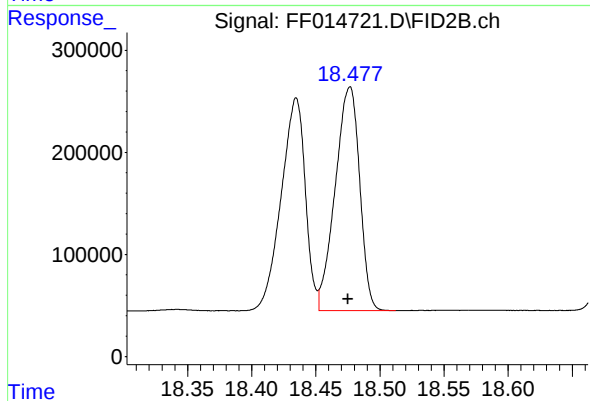
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.068 min
Delta R.T.: 0.002 min
Response: 2993797
Conc: 20.06 ug/ml



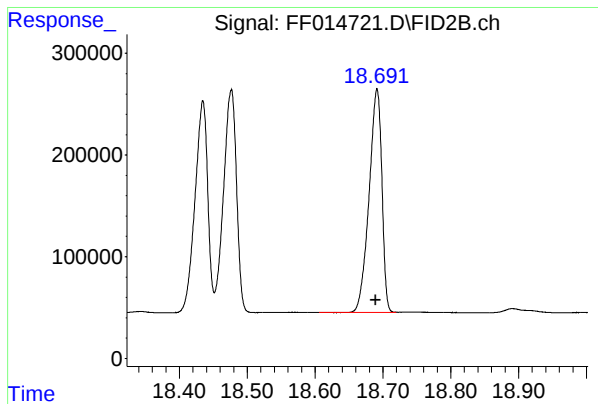
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.434 min
Delta R.T.: 0.002 min
Response: 2737454
Conc: 19.96 ug/ml



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

R.T.: 18.476 min
Delta R.T.: 0.001 min
Response: 2904534
Conc: 19.99 ug/ml



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

R.T.: 18.691 min
Delta R.T.: 0.002 min
Response: 2874393
Conc: 20.12 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD