

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111424AR\
 Data File : FF015026.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 09:34
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Nov 15 03:36:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:49:17 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...	7.990	2514625	18.895 ug/ml
Spiked Amount 50.000		Recovery =	37.79%
6) S 2-Fluorobiphenyl (SURR)	8.865	1698388	19.043 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.09%
11) S ortho-Terphenyl (SURR)	11.925	2888728	19.613 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	2797037	18.377 ug/ml
2) T Naphthalene (C11.7)	6.273	2935220	18.703 ug/ml
3) T 2-Methylnaphthalene (...)	7.366	2956037	18.843 ug/ml
5) T Acenaphthylene (C15.06)	8.666	2899539	19.067 ug/ml
7) T Acenaphthene (C15.5)	8.965	2910180	19.179 ug/ml
8) T Fluorene (C16.55)	9.753	2825243	19.047 ug/ml
9) T Phenanthrene (C19.36)	11.158	2800468	19.309 ug/ml
10) T Anthracene (C19.43)	11.233	2572101	18.743 ug/ml
12) T Fluoranthene (C21.85)	12.978	2698488	19.309 ug/ml
13) T Pyrene (C20.8)	13.277	2664747	19.339 ug/ml
14) T Benzo[a]anthracene (C...	15.156	2442092	18.301 ug/ml
15) T Chrysene (C27.41)	15.198	2504205	18.446 ug/ml
16) T benzo[b]fluoranthene ...	16.713	2604192	18.945 ug/ml
17) T Bnezo[k]fluoranthene ...	16.745	2408908	18.727 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.093	2549678	18.804 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.462	2420903	17.614 ug/ml
20) T Dibenz[a,h]anthracene...	18.502	2365168	15.986 ug/ml
21) T Benzo[g,h,i]perylene ...	18.721	2783872	19.022 ug/ml

(f)=RT Delta > 1/2 Window

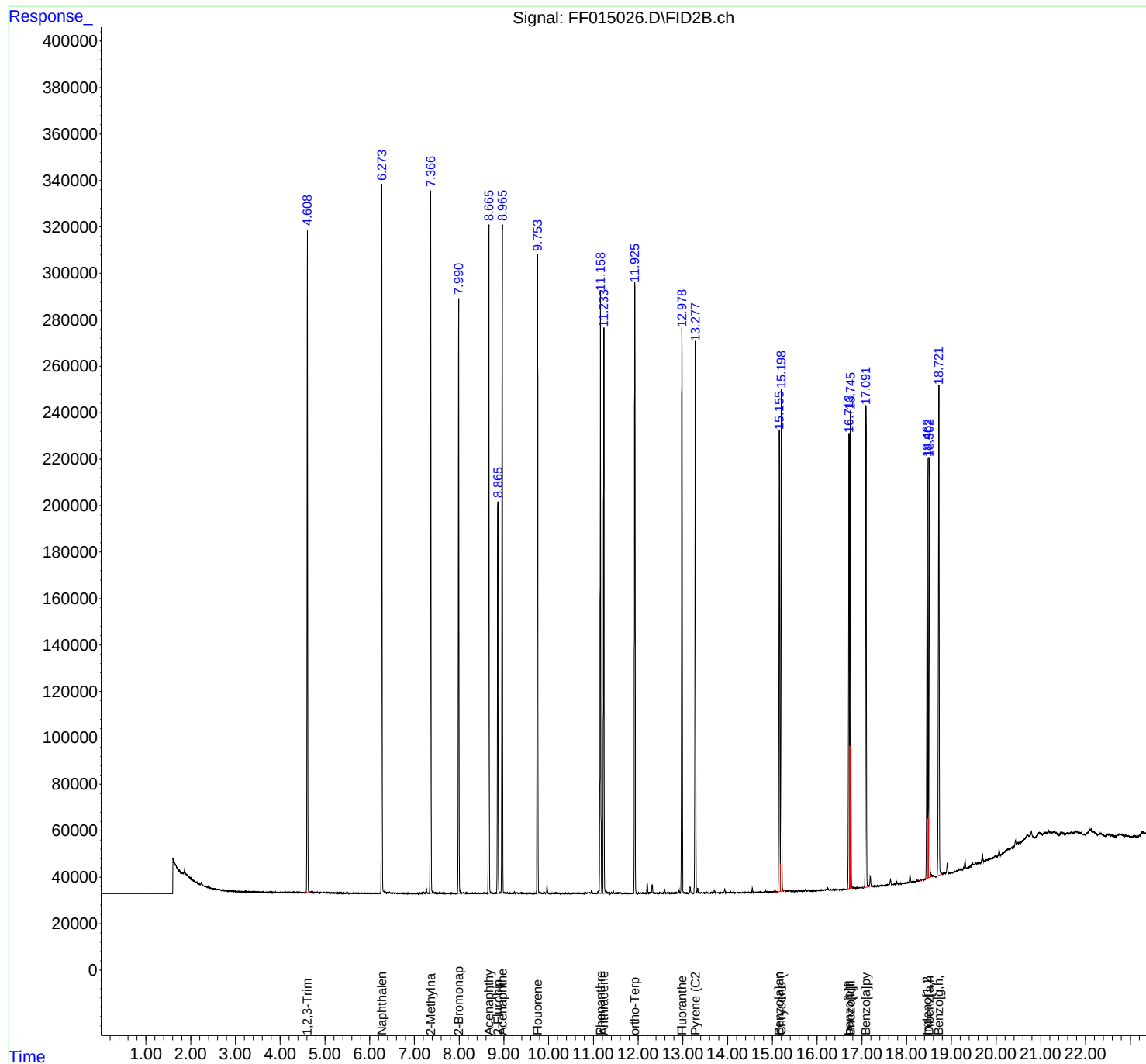
(m)=manual int.

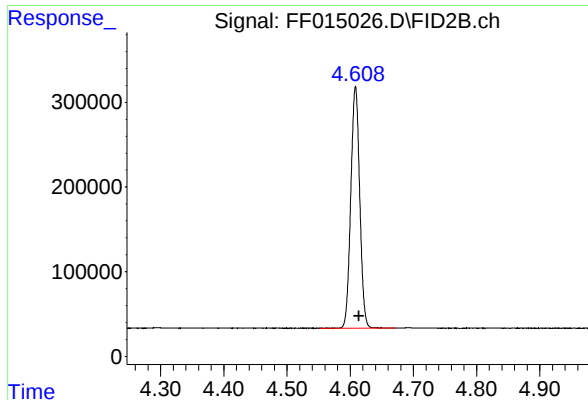
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111424AR\
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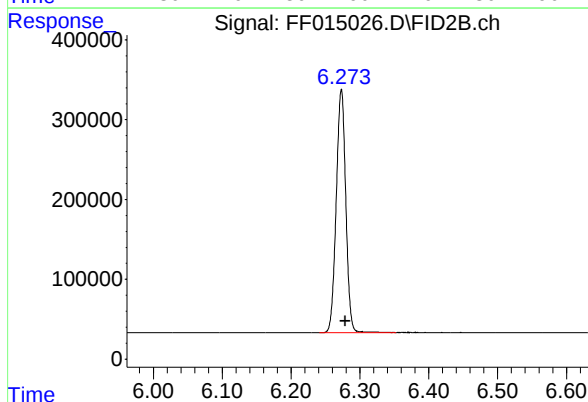




#1 1,2,3-Trimethylbenzene (C10.1)

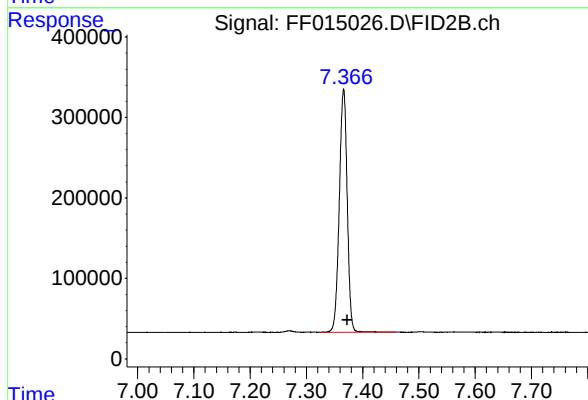
R.T.: 4.608 min
Delta R.T.: -0.006 min
Response: 2797037
Conc: 18.38 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



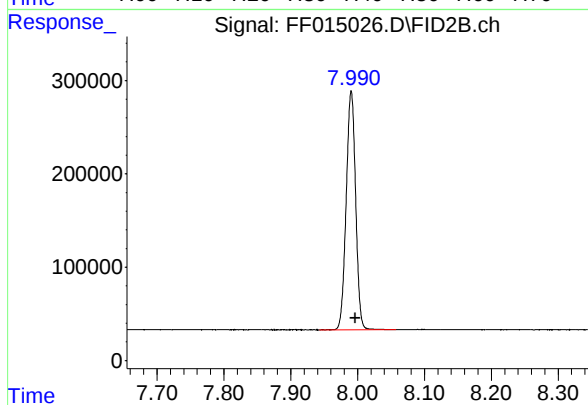
#2 Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.006 min
Response: 2935220
Conc: 18.70 ug/ml



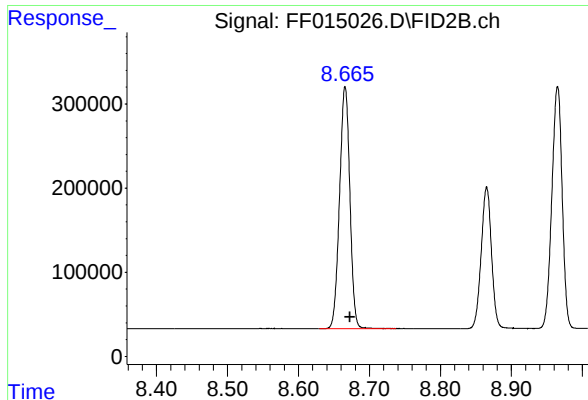
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.366 min
Delta R.T.: -0.007 min
Response: 2956037
Conc: 18.84 ug/ml



#4 2-Bromonaphthalene (SURR)

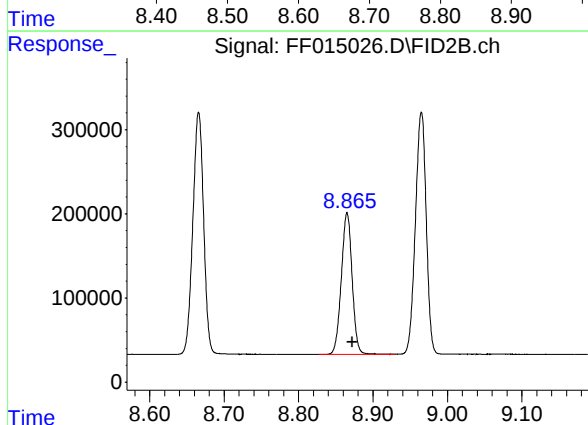
R.T.: 7.990 min
Delta R.T.: -0.006 min
Response: 2514625
Conc: 18.90 ug/ml



#5 Acenaphthylene (C15.06)

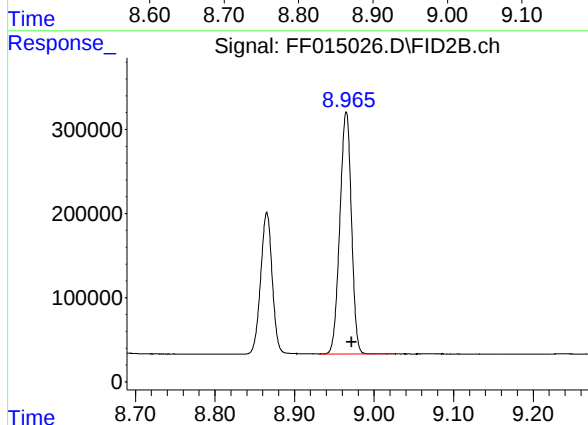
R.T.: 8.666 min
Delta R.T.: -0.007 min
Response: 2899539
Conc: 19.07 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



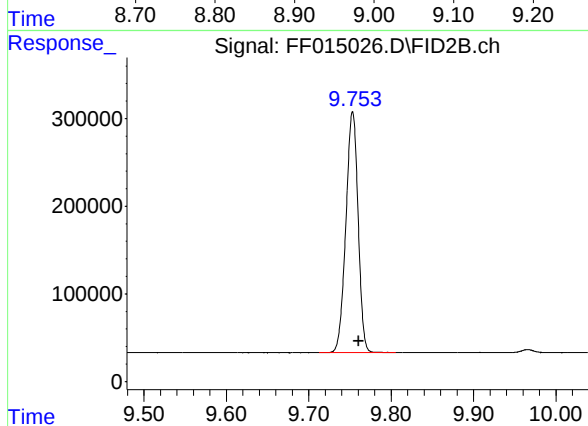
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.865 min
Delta R.T.: -0.007 min
Response: 1698388
Conc: 19.04 ug/ml



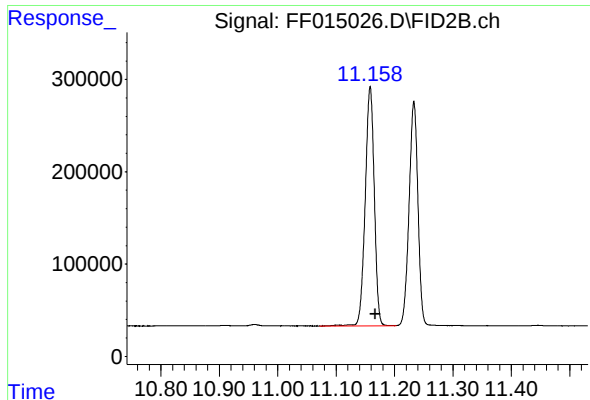
#7 Acenaphthene (C15.5)

R.T.: 8.965 min
Delta R.T.: -0.007 min
Response: 2910180
Conc: 19.18 ug/ml



#8 Flouorene (C16.55)

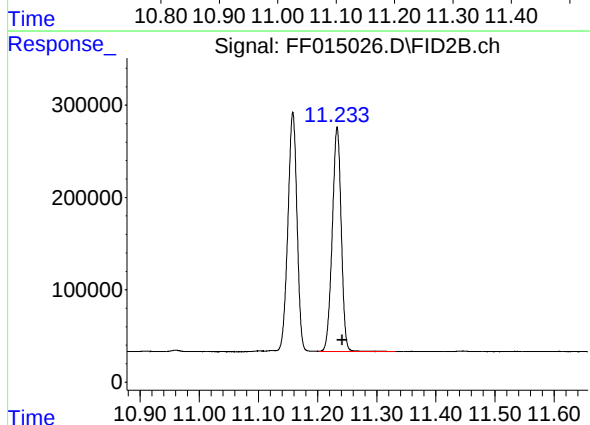
R.T.: 9.753 min
Delta R.T.: -0.007 min
Response: 2825243
Conc: 19.05 ug/ml



#9 Phenanthrene (C19.36)

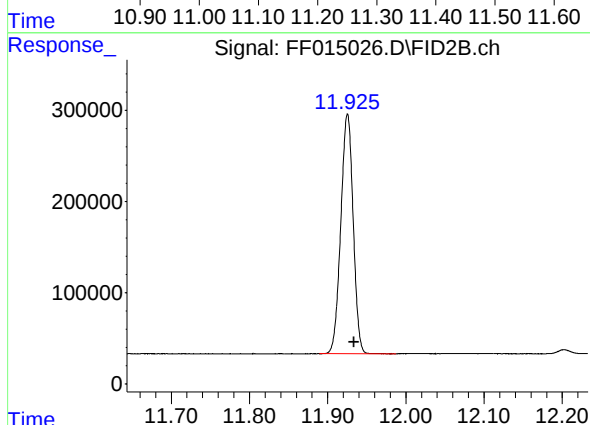
R.T.: 11.158 min
Delta R.T.: -0.009 min
Response: 2800468
Conc: 19.31 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



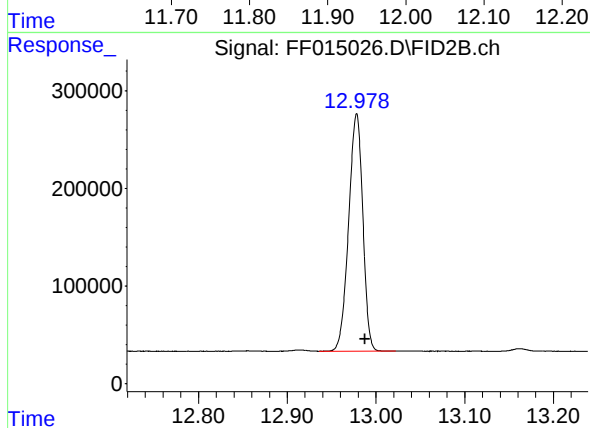
#10 Anthracene (C19.43)

R.T.: 11.233 min
Delta R.T.: -0.009 min
Response: 2572101
Conc: 18.74 ug/ml



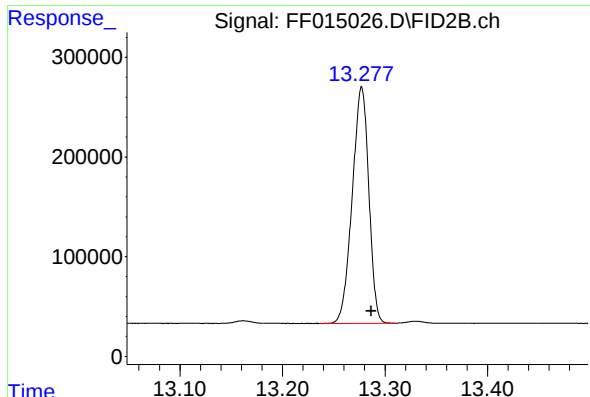
#11 ortho-Terphenyl (SURRE)

R.T.: 11.925 min
Delta R.T.: -0.008 min
Response: 2888728
Conc: 19.61 ug/ml



#12 Fluoranthene (C21.85)

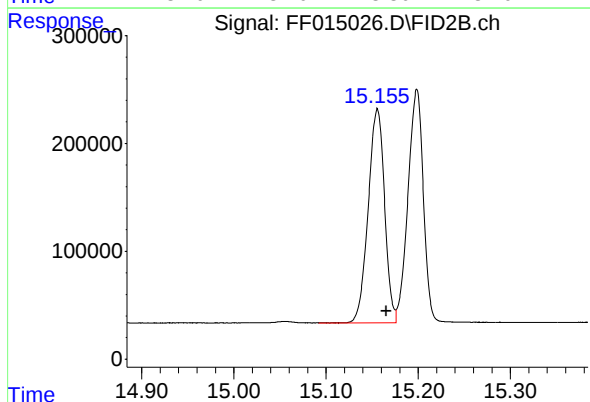
R.T.: 12.978 min
Delta R.T.: -0.009 min
Response: 2698488
Conc: 19.31 ug/ml



#13 Pyrene (C20.8)

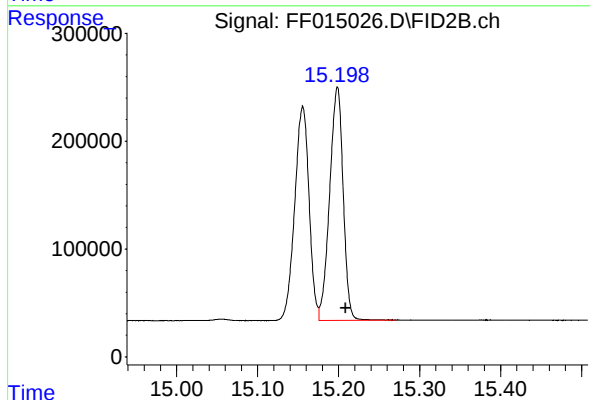
R.T.: 13.277 min
Delta R.T.: -0.009 min
Response: 2664747
Conc: 19.34 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



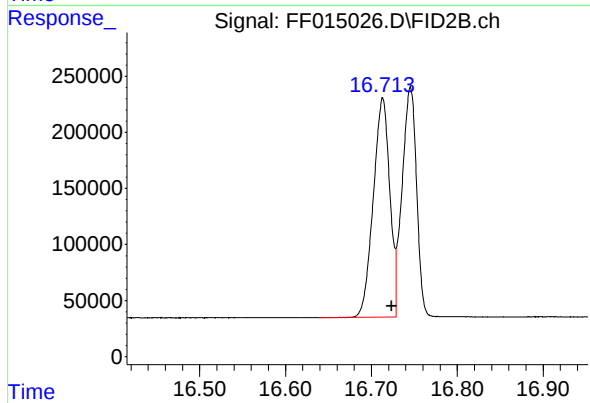
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.156 min
Delta R.T.: -0.010 min
Response: 2442092
Conc: 18.30 ug/ml



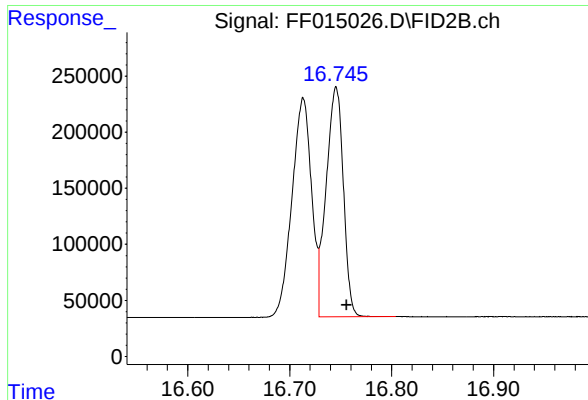
#15 Chrysene (C27.41)

R.T.: 15.198 min
Delta R.T.: -0.010 min
Response: 2504205
Conc: 18.45 ug/ml



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

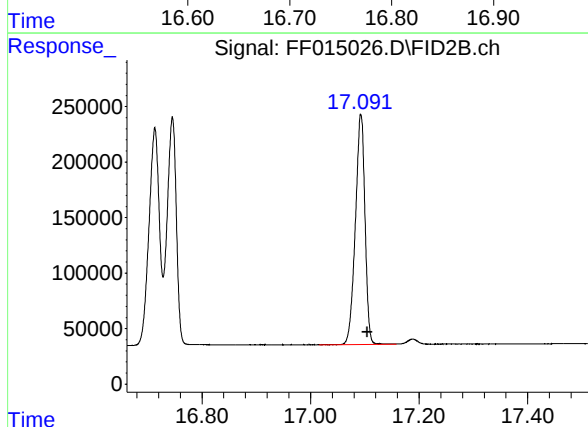
R.T.: 16.713 min
Delta R.T.: -0.011 min
Response: 2604192
Conc: 18.95 ug/ml



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

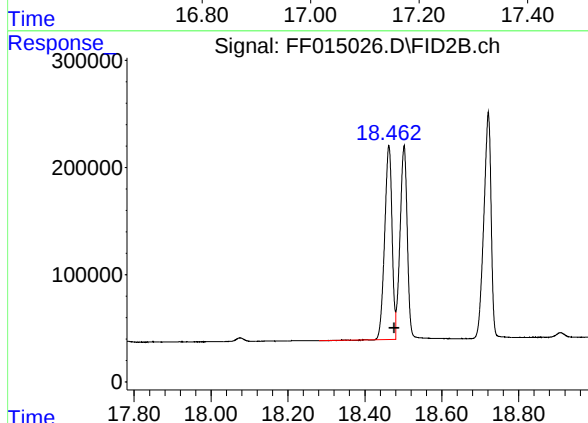
R.T.: 16.745 min
Delta R.T.: -0.011 min
Response: 2408908
Conc: 18.73 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



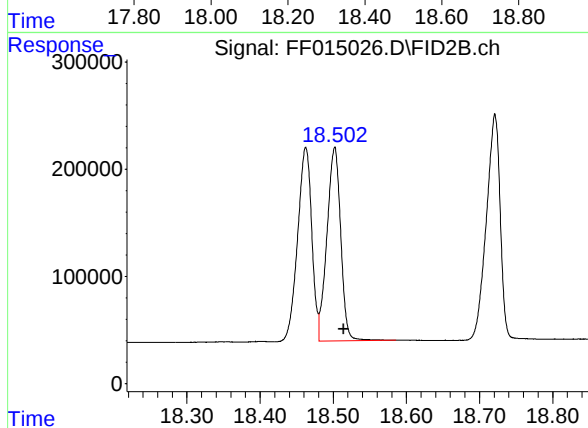
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.093 min
Delta R.T.: -0.012 min
Response: 2549678
Conc: 18.80 ug/ml



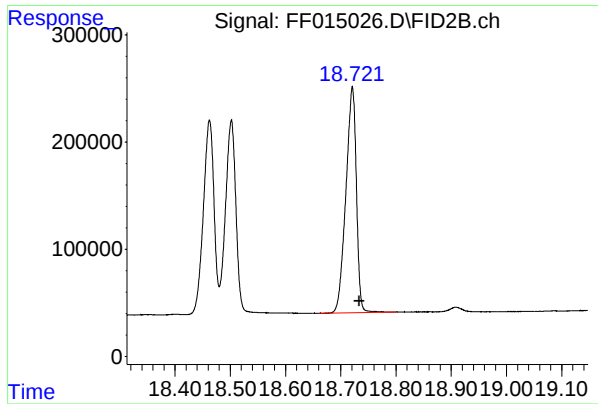
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.462 min
Delta R.T.: -0.014 min
Response: 2420903
Conc: 17.61 ug/ml



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

R.T.: 18.502 min
Delta R.T.: -0.013 min
Response: 2365168
Conc: 15.99 ug/ml



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

R.T.: 18.721 min
Delta R.T.: -0.013 min
Response: 2783872
Conc: 19.02 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD