

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111924AR\
 Data File : FF015100.D
 Signal(s) : FID2B.ch
 Acq On : 19 Nov 2024 14:11
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 20 01:48:02 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 111524.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 15 02:02:38 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...	7.987	2665602	21.828 ug/ml
Spiked Amount 50.000		Recovery =	43.66%
6) S 2-Fluorobiphenyl (SURR)	8.860	1763336	21.599 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.20%
11) S ortho-Terphenyl (SURR)	11.921	2916286	21.740 ug/ml
Spiked Amount 50.000		Recovery =	43.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.605	2998947	22.136 ug/ml
2) T Naphthalene (C11.7)	6.269	3031620	21.953 ug/ml
3) T 2-Methylnaphthalene (...)	7.361	2938672	21.790 ug/ml
5) T Acenaphthylene (C15.06)	8.661	2976649	21.798 ug/ml
7) T Acenaphthene (C15.5)	8.959	2907154	21.753 ug/ml
8) T Fluorene (C16.55)	9.748	2865145	21.464 ug/ml
9) T Phenanthrene (C19.36)	11.152	2744211	21.370 ug/ml
10) T Anthracene (C19.43)	11.227	2677082	21.222 ug/ml
12) T Fluoranthene (C21.85)	12.971	2694916	21.551 ug/ml
13) T Pyrene (C20.8)	13.270	2678482	21.683 ug/ml
14) T Benzo[a]anthracene (C...	15.147	2472687	20.857 ug/ml
15) T Chrysene (C27.41)	15.190	2531277	21.197 ug/ml
16) T benzo[b]fluoranthene ...	16.703	2603600	21.555 ug/ml
17) T Bnezo[k]fluoranthene ...	16.736	2569470	21.343 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.083	2458898	21.100 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.453	2179765	18.388 ug/ml
20) T Dibenz[a,h]anthracene...	18.492	2215466	17.331 ug/ml
21) T Benzo[g,h,i]perylene ...	18.709	2556434	19.704 ug/ml

(f)=RT Delta > 1/2 Window

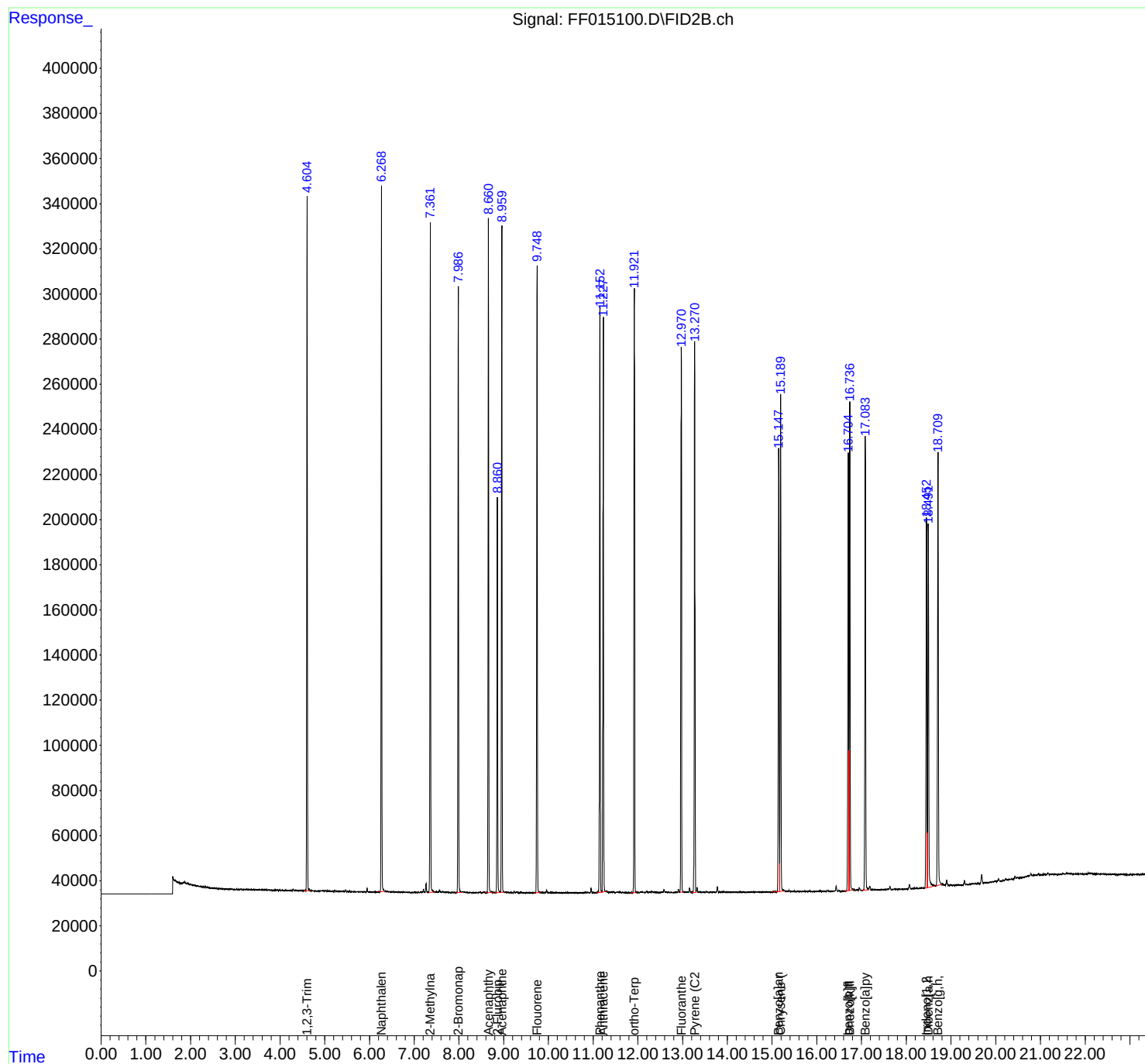
(m)=manual int.

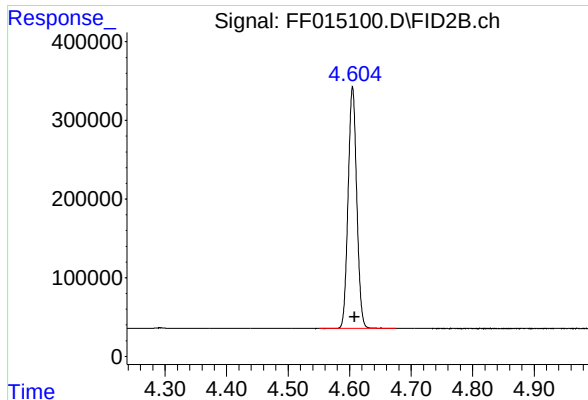
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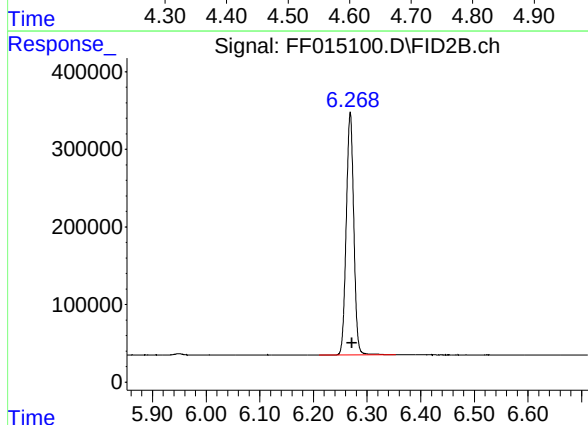




#1 1,2,3-Trimethylbenzene (C10.1)

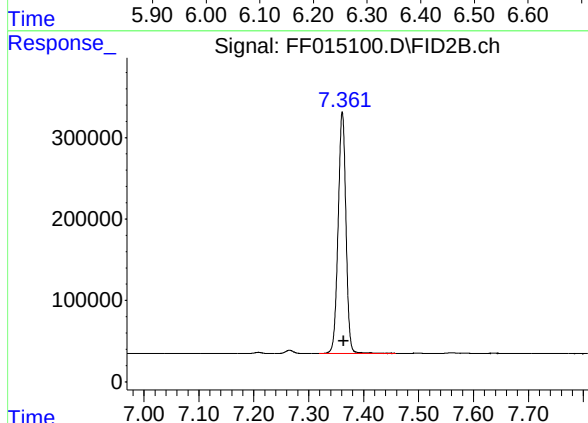
R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 2998947
Conc: 22.14 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



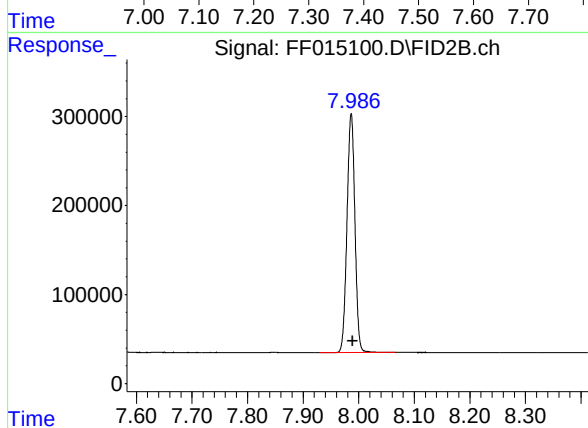
#2 Naphthalene (C11.7)

R.T.: 6.269 min
Delta R.T.: -0.003 min
Response: 3031620
Conc: 21.95 ug/ml



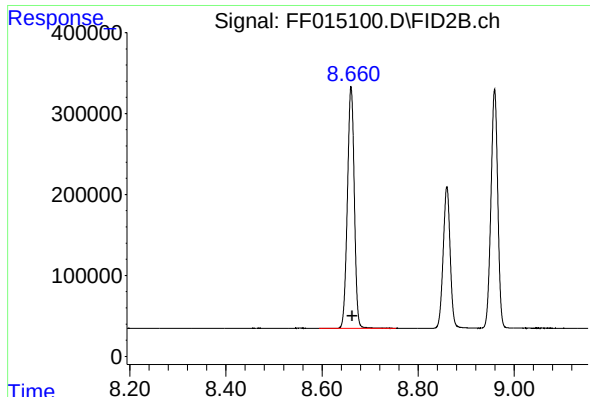
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.361 min
Delta R.T.: -0.003 min
Response: 2938672
Conc: 21.79 ug/ml



#4 2-Bromonaphthalene (SURR)

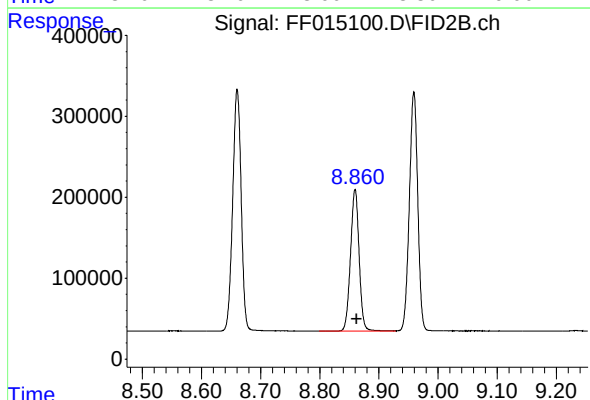
R.T.: 7.987 min
Delta R.T.: -0.002 min
Response: 2665602
Conc: 21.83 ug/ml



#5 Acenaphthylene (C15.06)

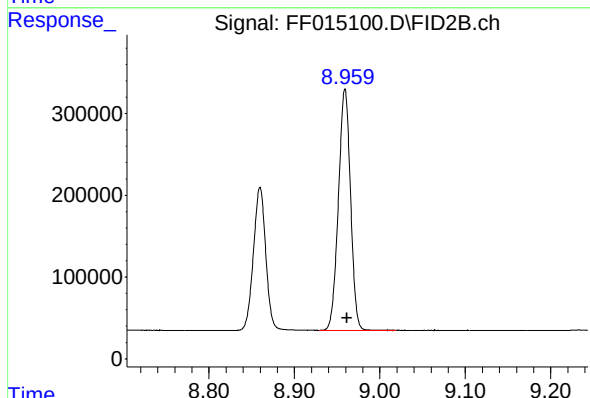
R.T.: 8.661 min
Delta R.T.: -0.002 min
Response: 2976649
Conc: 21.80 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



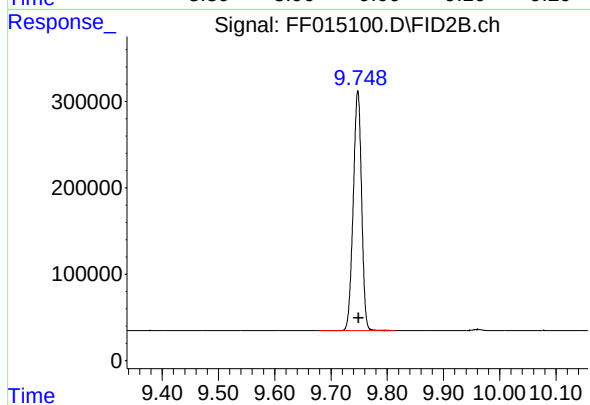
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.860 min
Delta R.T.: -0.003 min
Response: 1763336
Conc: 21.60 ug/ml



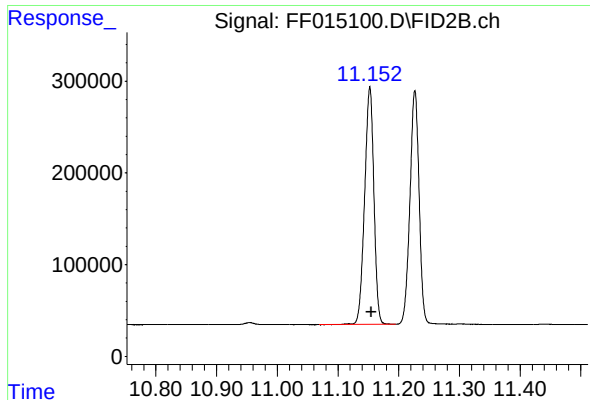
#7 Acenaphthene (C15.5)

R.T.: 8.959 min
Delta R.T.: -0.002 min
Response: 2907154
Conc: 21.75 ug/ml



#8 Fluorene (C16.55)

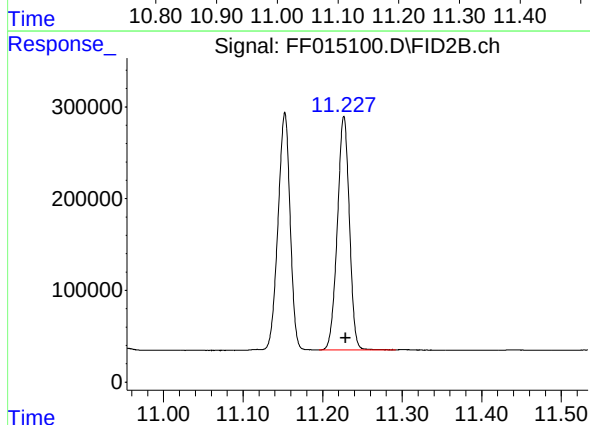
R.T.: 9.748 min
Delta R.T.: -0.002 min
Response: 2865145
Conc: 21.46 ug/ml



#9 Phenanthrene (C19.36)

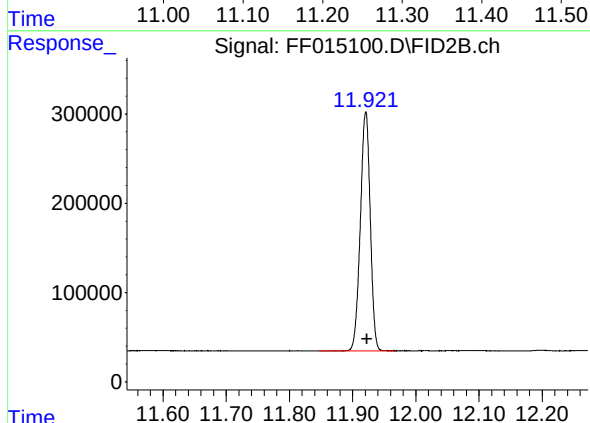
R.T.: 11.152 min
Delta R.T.: -0.002 min
Response: 2744211
Conc: 21.37 ug/ml

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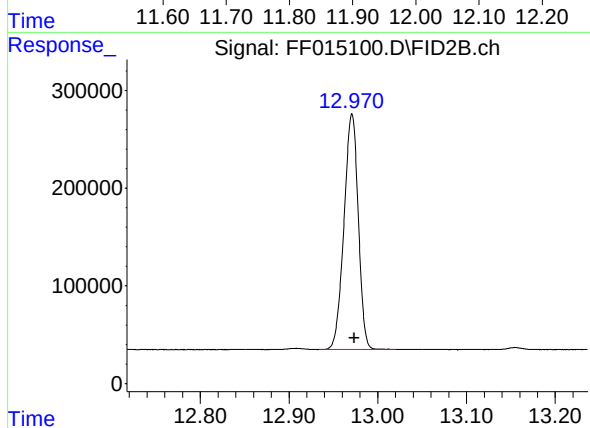
#10 Anthracene (C19.43)

R.T.: 11.227 min
Delta R.T.: -0.002 min
Response: 2677082
Conc: 21.22 ug/ml



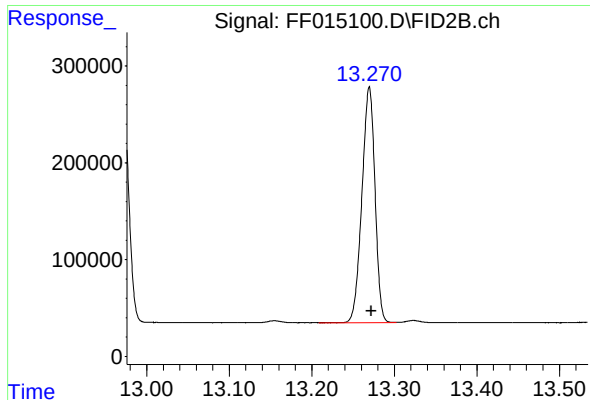
#11 ortho-Terphenyl (SURR)

R.T.: 11.921 min
Delta R.T.: -0.002 min
Response: 2916286
Conc: 21.74 ug/ml



#12 Fluoranthene (C21.85)

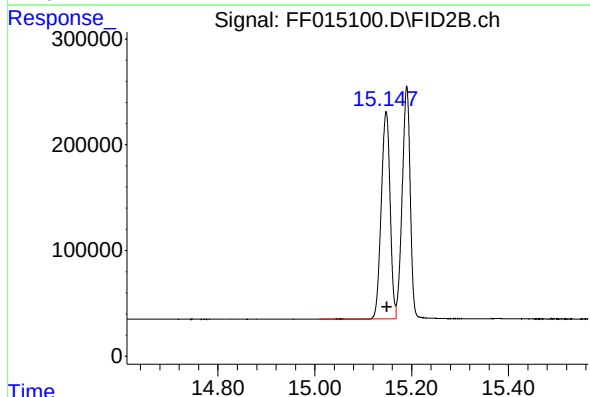
R.T.: 12.971 min
Delta R.T.: -0.003 min
Response: 2694916
Conc: 21.55 ug/ml



#13 Pyrene (C20.8)

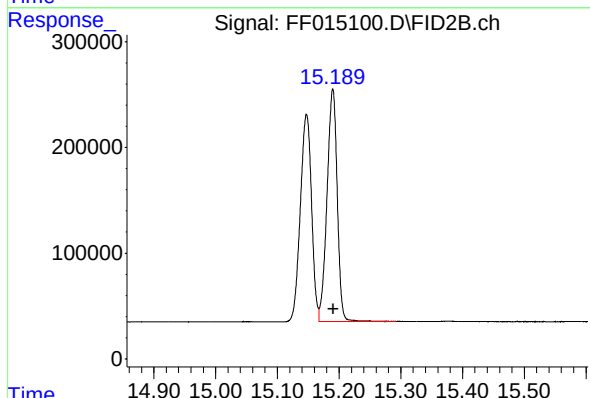
R.T.: 13.270 min
Delta R.T.: -0.003 min
Response: 2678482
Conc: 21.68 ug/ml

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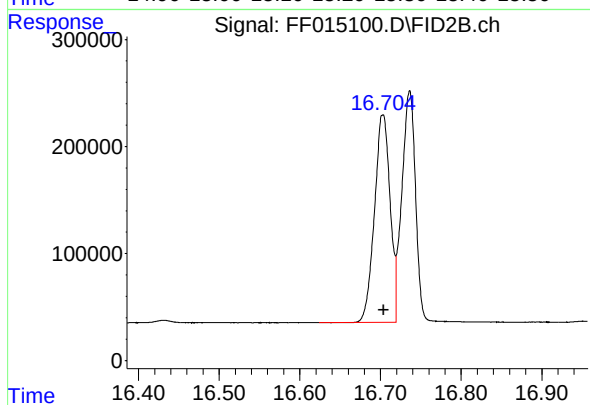
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.147 min
Delta R.T.: -0.002 min
Response: 2472687
Conc: 20.86 ug/ml



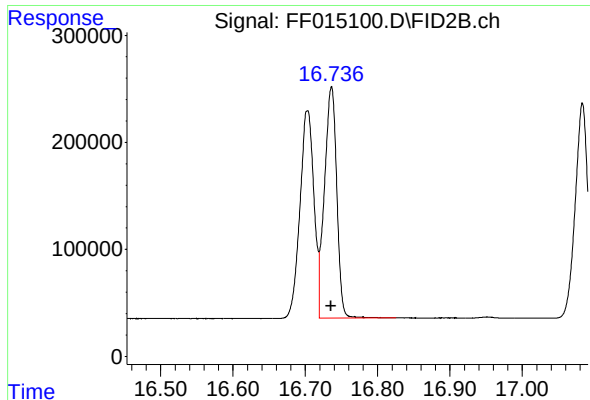
#15 Chrysene (C27.41)

R.T.: 15.190 min
Delta R.T.: 0.000 min
Response: 2531277
Conc: 21.20 ug/ml



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

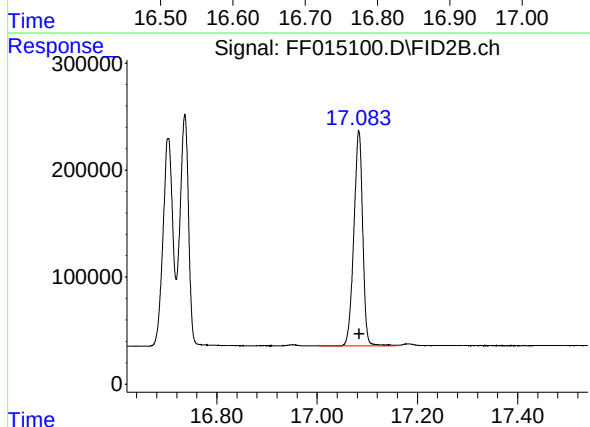
R.T.: 16.703 min
Delta R.T.: -0.001 min
Response: 2603600
Conc: 21.55 ug/ml



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

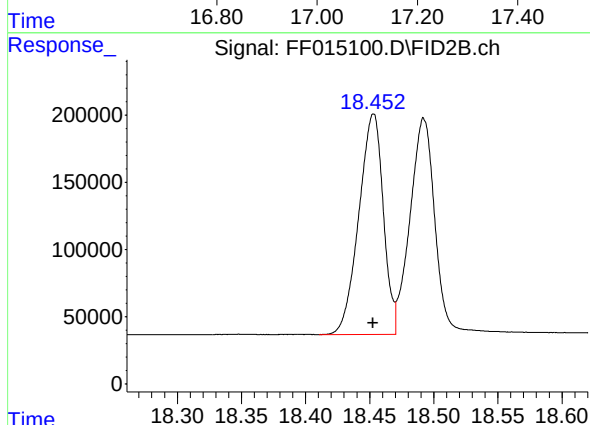
R.T.: 16.736 min
Delta R.T.: 0.000 min
Response: 2569470
Conc: 21.34 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



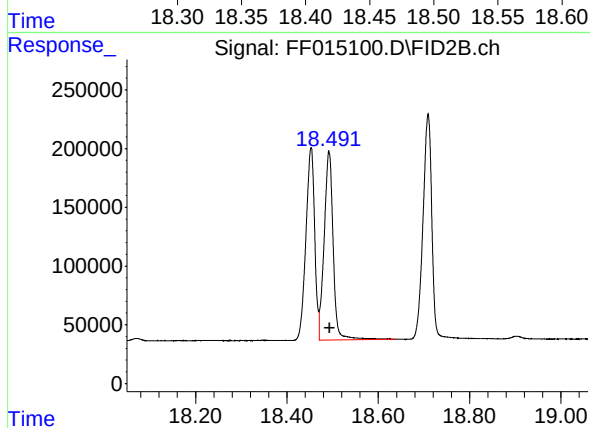
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.083 min
Delta R.T.: 0.000 min
Response: 2458898
Conc: 21.10 ug/ml



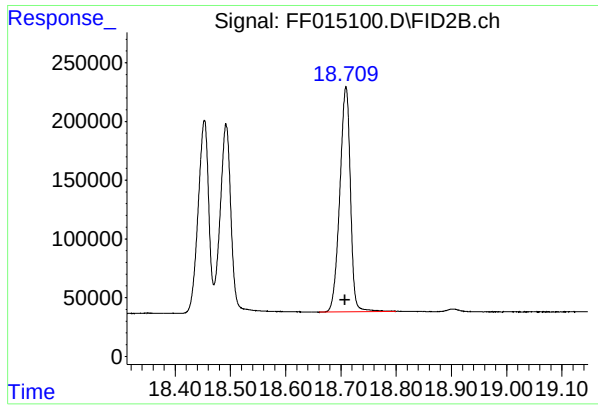
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.453 min
Delta R.T.: 0.000 min
Response: 2179765
Conc: 18.39 ug/ml



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

R.T.: 18.492 min
Delta R.T.: -0.002 min
Response: 2215466
Conc: 17.33 ug/ml



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

R.T.: 18.709 min

Delta R.T.: 0.002 min

Response: 2556434

Conc: 19.70 ug/ml

Instrument :

FID_F

ClientSampleId :

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