

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AR\
 Data File : FD045763.D
 Signal(s) : FID2B.ch
 Acq On : 27 May 2023 03:03
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 27 06:46:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.537	3814697	21.159 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
6) S 2-Fluorobiphenyl (SURR)	8.392	2526402	21.014 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.03%
11) S ortho-Terphenyl (SURR)	11.431	4692552	21.008 ug/ml
Spiked Amount 50.000		Recovery =	42.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.345	4286854	21.235 ug/ml
2) T Naphthalene (C11.7)	5.875	4443711	20.971 ug/ml
3) T 2-Methylnaphthalene (...)	6.925	4489223	21.255 ug/ml
5) T Acenaphthylene (C15.06)	8.196	4020303	21.220 ug/ml
7) T Acenaphthene (C15.5)	8.491	4268534	21.112 ug/ml
8) T Fluorene (C16.55)	9.270	4180451	21.099 ug/ml
9) T Phenanthrene (C19.36)	10.659	4003175	20.925 ug/ml
10) T Anthracene (C19.43)	10.734	3629883	21.309 ug/ml
12) T Fluoranthene (C21.85)	12.463	3855606	20.869 ug/ml
13) T Pyrene (C20.8)	12.757	3746205	20.976 ug/ml
14) T Benzo[a]anthracene (C...	14.620	3220709	20.571 ug/ml
15) T Chrysene (C27.41)	14.663	3321656	20.134 ug/ml
16) T benzo[b]fluoranthene ...	16.161	3125307	20.650 ug/ml
17) T Bnezo[k]fluoranthene ...	16.195	3102008	20.036 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.536	3007016	20.562 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.893	2966029	20.251 ug/ml
20) T Dibenz[a,h]anthracene...	17.935	3028191	20.186 ug/ml
21) T Benzo[g,h,i]perylene ...	18.146	3050730	20.675 ug/ml

(f)=RT Delta > 1/2 Window

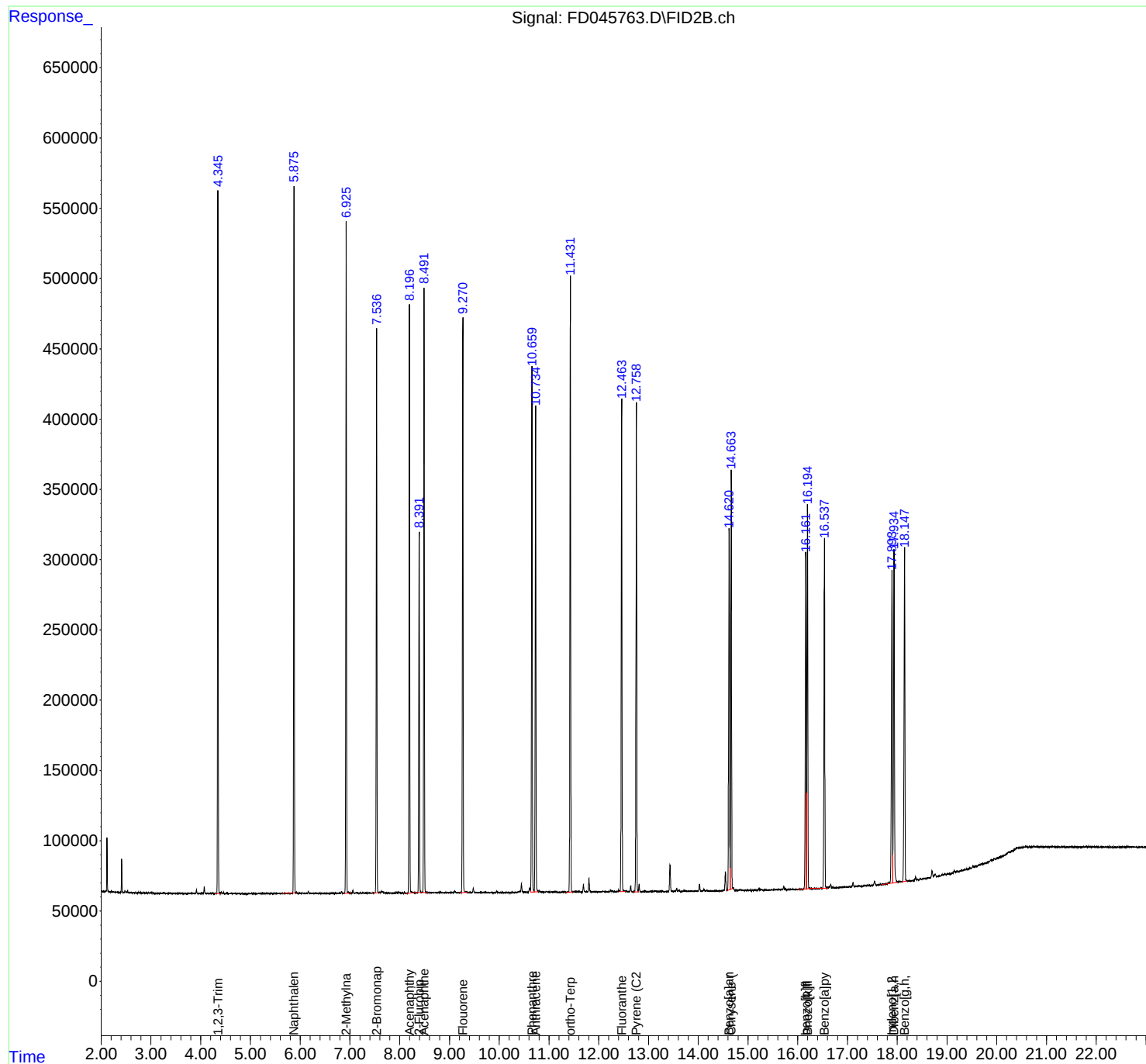
(m)=manual int.

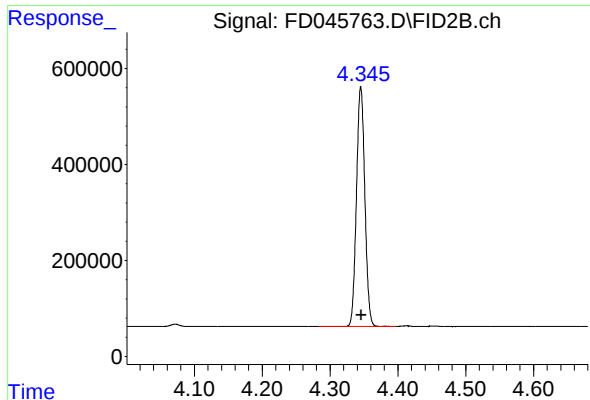
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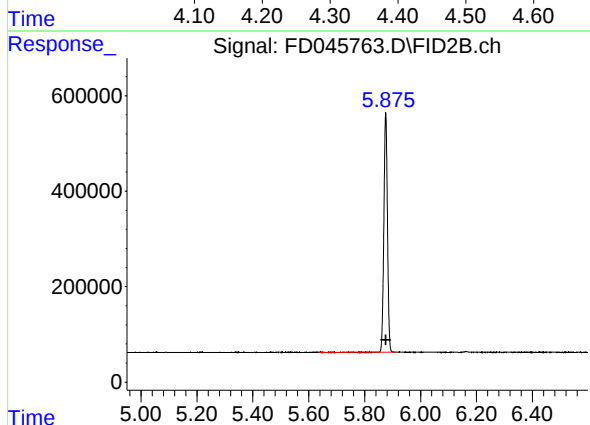




#1 1,2,3-Trimethylbenzene (C10.1)

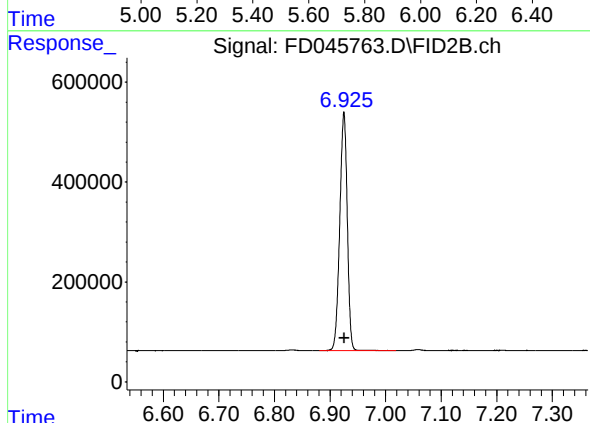
R.T.: 4.345 min
Delta R.T.: 0.000 min
Response: 4286854
Conc: 21.23 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



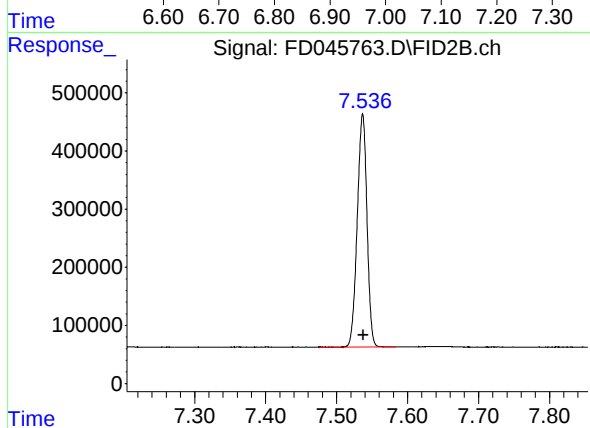
#2 Naphthalene (C11.7)

R.T.: 5.875 min
Delta R.T.: -0.001 min
Response: 4443711
Conc: 20.97 ug/ml



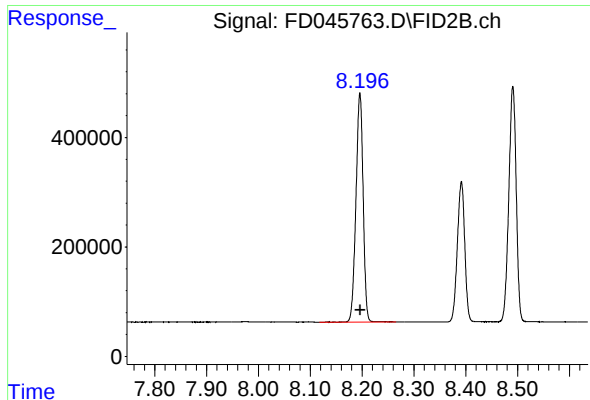
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.925 min
Delta R.T.: -0.001 min
Response: 4489223
Conc: 21.26 ug/ml



#4 2-Bromonaphthalene (SURR)

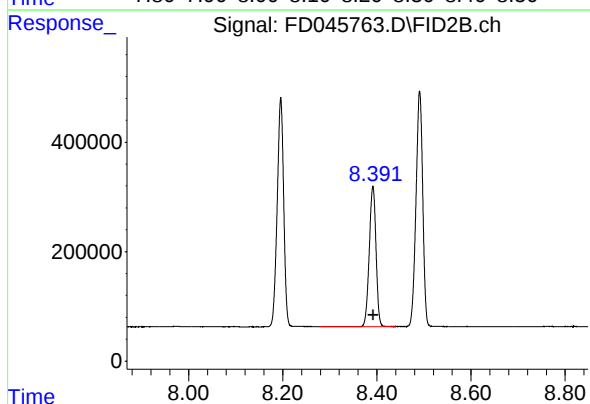
R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 3814697
Conc: 21.16 ug/ml



#5 Acenaphthylene (C15.06)

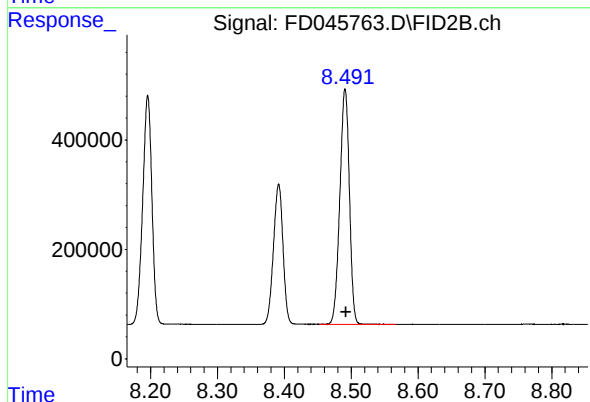
R.T.: 8.196 min
Delta R.T.: -0.001 min
Response: 4020303
Conc: 21.22 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



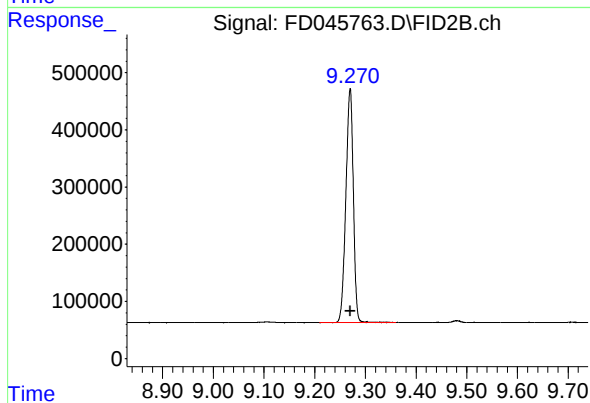
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.392 min
Delta R.T.: -0.001 min
Response: 2526402
Conc: 21.01 ug/ml



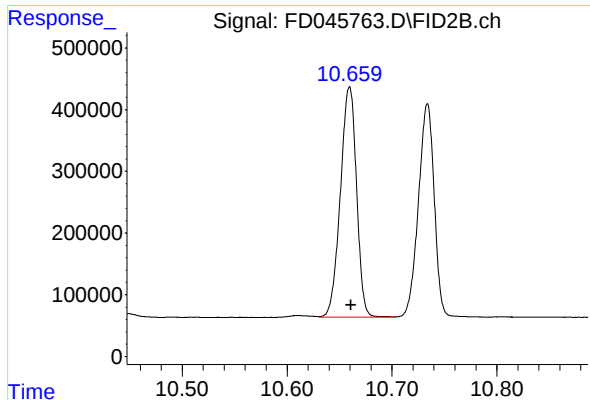
#7 Acenaphthene (C15.5)

R.T.: 8.491 min
Delta R.T.: -0.002 min
Response: 4268534
Conc: 21.11 ug/ml



#8 Fluorene (C16.55)

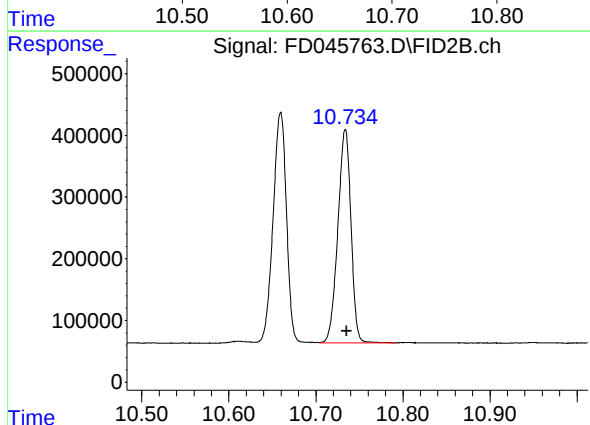
R.T.: 9.270 min
Delta R.T.: 0.000 min
Response: 4180451
Conc: 21.10 ug/ml



#9 Phenanthrene (C19.36)

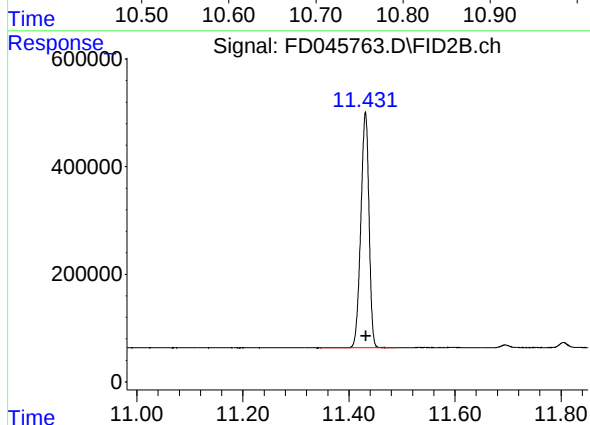
R.T.: 10.659 min
Delta R.T.: -0.002 min
Response: 4003175
Conc: 20.93 ug/ml

Instrument :
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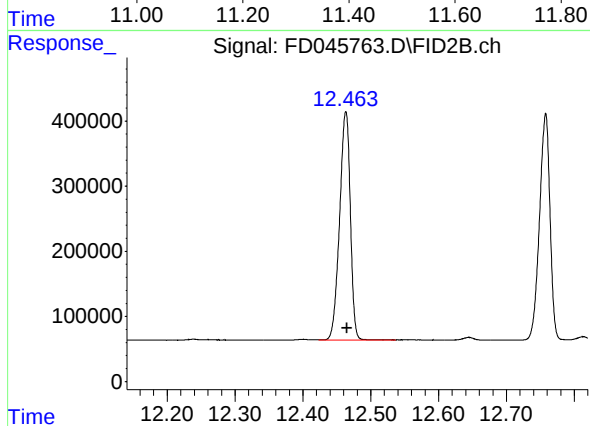
#10 Anthracene (C19.43)

R.T.: 10.734 min
Delta R.T.: -0.002 min
Response: 3629883
Conc: 21.31 ug/ml



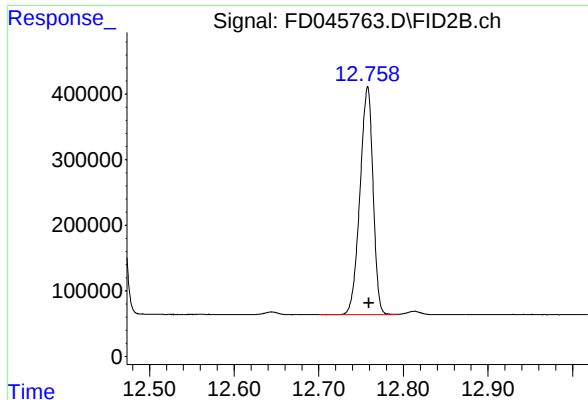
#11 ortho-Terphenyl (SURRE)

R.T.: 11.431 min
Delta R.T.: -0.002 min
Response: 4692552
Conc: 21.01 ug/ml



#12 Fluoranthene (C21.85)

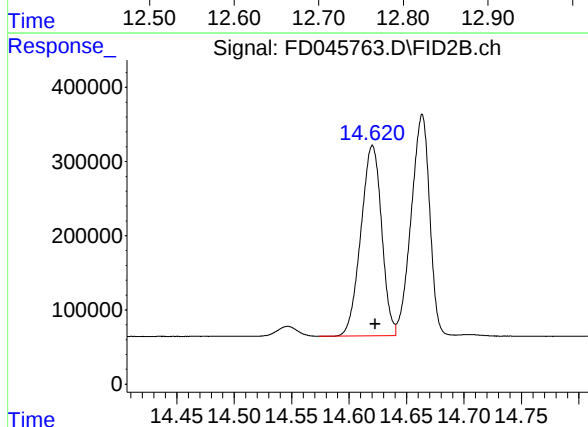
R.T.: 12.463 min
Delta R.T.: -0.002 min
Response: 3855606
Conc: 20.87 ug/ml



#13 Pyrene (C20.8)

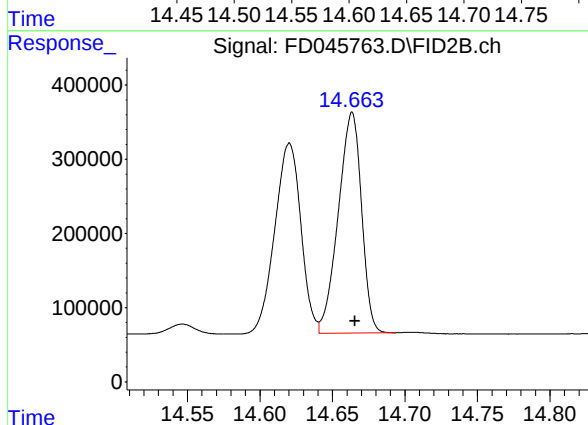
R.T.: 12.757 min
Delta R.T.: -0.002 min
Response: 3746205
Conc: 20.98 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



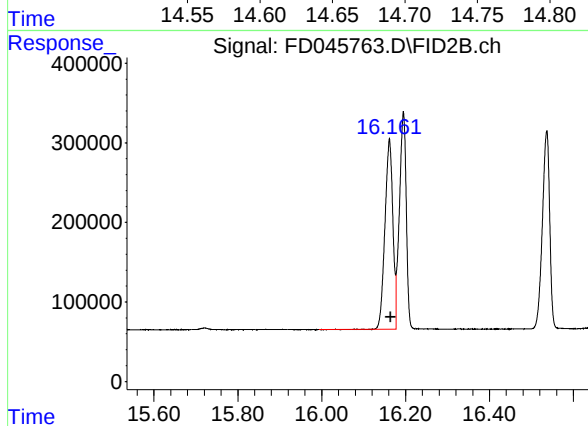
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.620 min
Delta R.T.: -0.003 min
Response: 3220709
Conc: 20.57 ug/ml



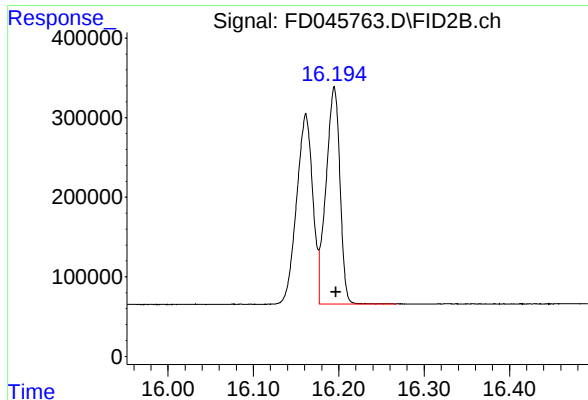
#15 Chrysene (C27.41)

R.T.: 14.663 min
Delta R.T.: -0.002 min
Response: 3321656
Conc: 20.13 ug/ml



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

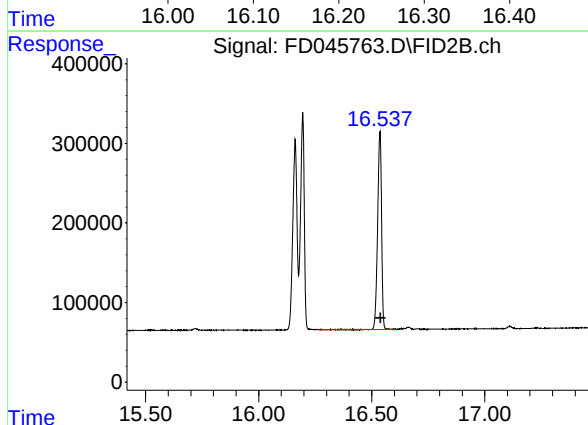
R.T.: 16.161 min
Delta R.T.: -0.003 min
Response: 3125307
Conc: 20.65 ug/ml



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

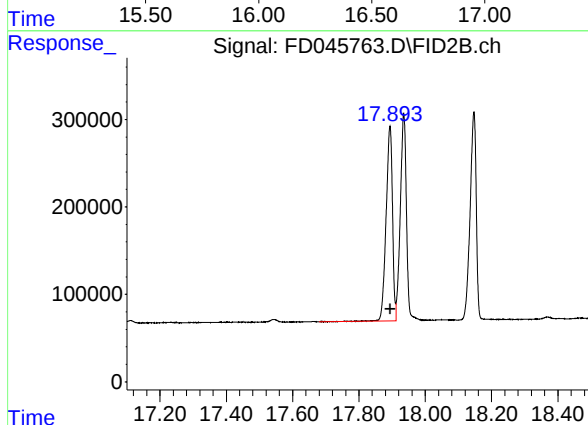
R.T.: 16.195 min
Delta R.T.: -0.002 min
Response: 3102008
Conc: 20.04 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



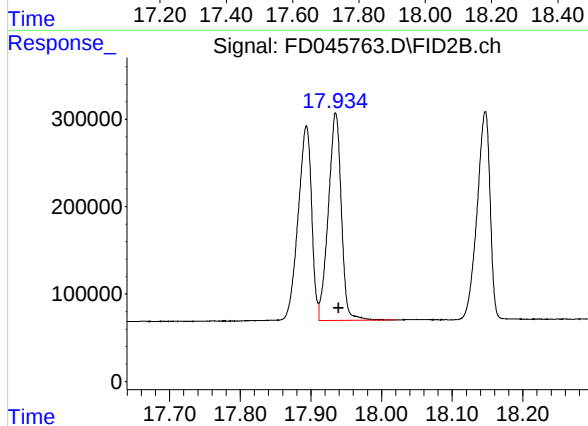
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.536 min
Delta R.T.: -0.003 min
Response: 3007016
Conc: 20.56 ug/ml



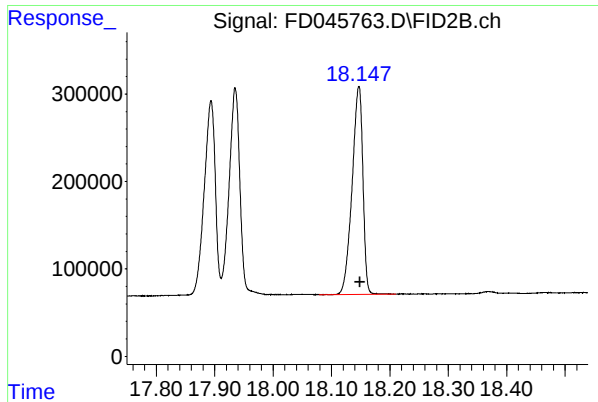
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.893 min
Delta R.T.: -0.002 min
Response: 2966029
Conc: 20.25 ug/ml



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

R.T.: 17.935 min
Delta R.T.: -0.004 min
Response: 3028191
Conc: 20.19 ug/ml



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

R.T.: 18.146 min
Delta R.T.: -0.003 min
Response: 3050730
Conc: 20.68 ug/ml

Instrument :

FID_D

ClientSampleId :

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