

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062423AR\
 Data File : FD045961.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 23:55
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Jun 25 04:35:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:32:20 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...	7.517	2077319	9.572 ug/ml
Spiked Amount 50.000		Recovery =	19.14%
6) S 2-Fluorobiphenyl (SURR)	8.371	1320680	9.429 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	18.86%
11) S ortho-Terphenyl (SURR)	11.410	2458923	9.685 ug/ml
Spiked Amount 50.000		Recovery =	19.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	2417038	9.666 ug/ml
2) T Naphthalene (C11.7)	5.857	2465163	9.635 ug/ml
3) T 2-Methylnaphthalene (...)	6.905	2438836	9.616 ug/ml
5) T Acenaphthylene (C15.06)	8.175	2087165	9.530 ug/ml
7) T Acenaphthene (C15.5)	8.470	2275556	9.596 ug/ml
8) T Fluorene (C16.55)	9.248	2174814	9.528 ug/ml
9) T Phenanthrene (C19.36)	10.638	2067981	9.627 ug/ml
10) T Anthracene (C19.43)	10.712	1674438	10.867 ug/ml
12) T Fluoranthene (C21.85)	12.442	2005310	9.851 ug/ml
13) T Pyrene (C20.8)	12.736	1879029	9.643 ug/ml
14) T Benzo[a]anthracene (C...	14.599	1773530	9.966 ug/ml
15) T Chrysene (C27.41)	14.641	1959794	10.246 ug/ml
16) T benzo[b]fluoranthene ...	16.141	1821984	9.677 ug/ml
17) T Bnezo[k]fluoranthene ...	16.173	2057037	10.769 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	1710070	9.849 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.871	1789571	9.582 ug/ml
20) T Dibenz[a,h]anthracene...	17.914	1826347	9.685 ug/ml
21) T Benzo[g,h,i]perylene ...	18.124	1842340	9.807 ug/ml

(f)=RT Delta > 1/2 Window

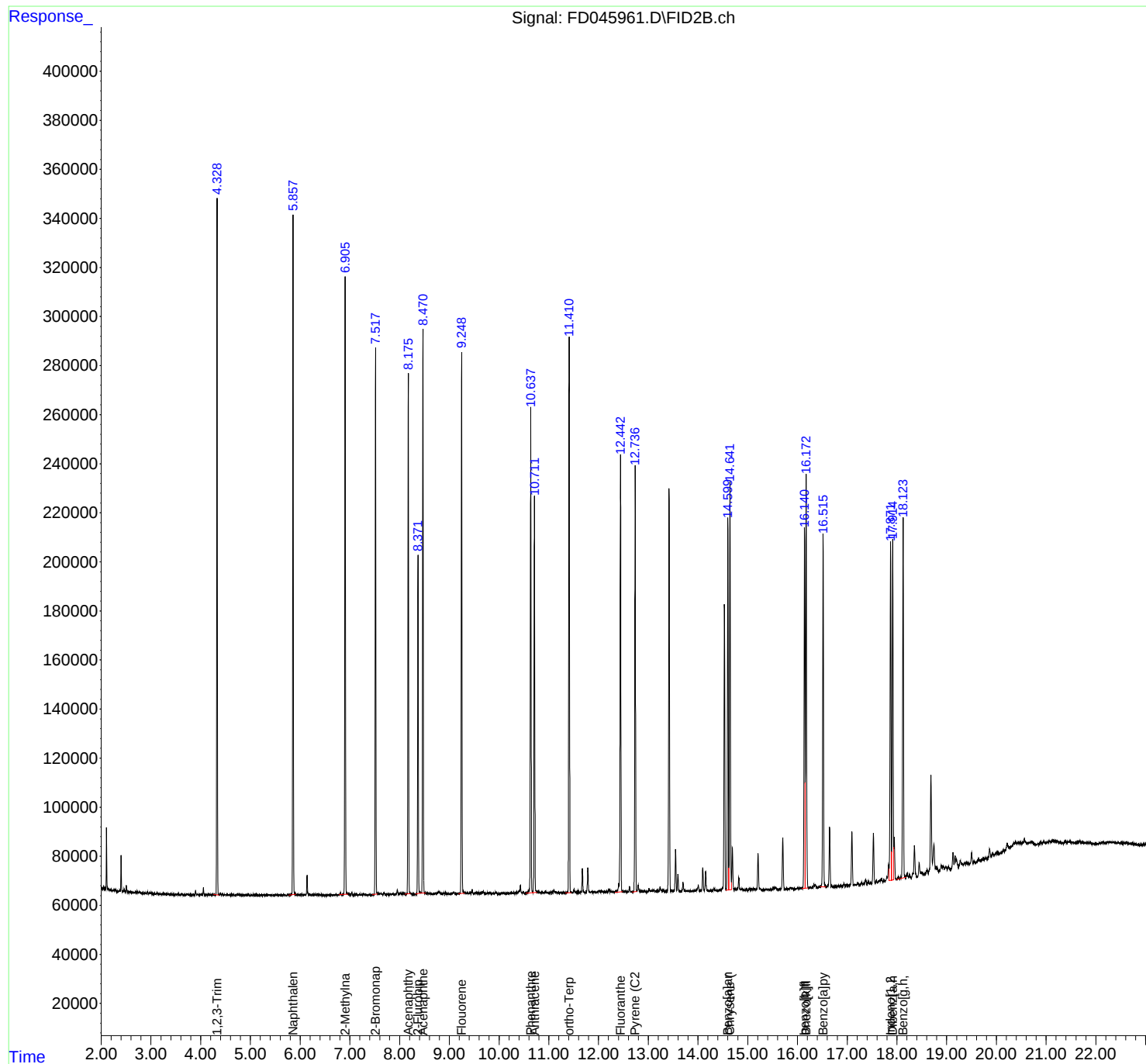
(m)=manual int.

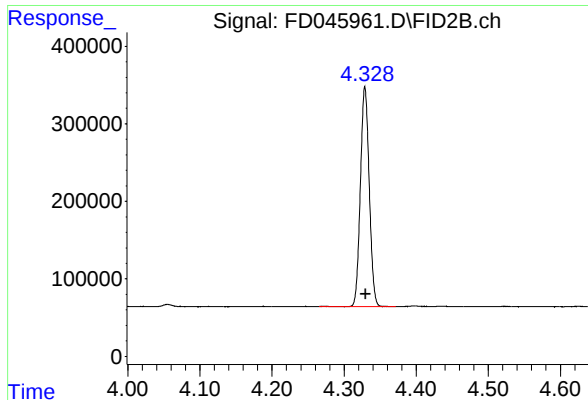
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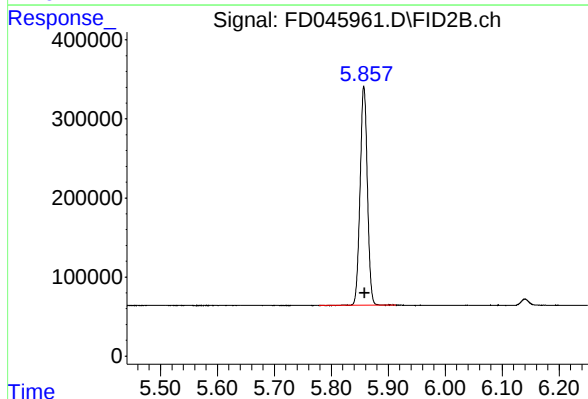




#1 1,2,3-Trimethylbenzene (C10.1)

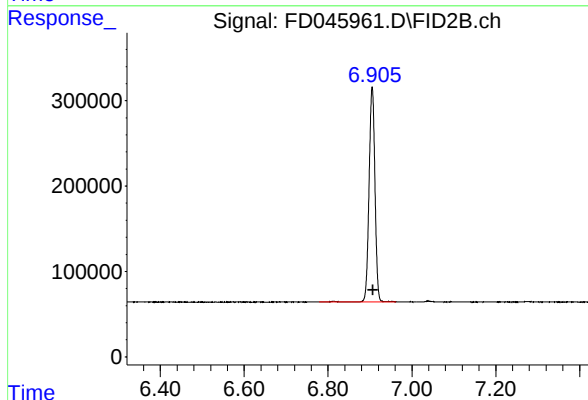
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 2417038
Conc: 9.67 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



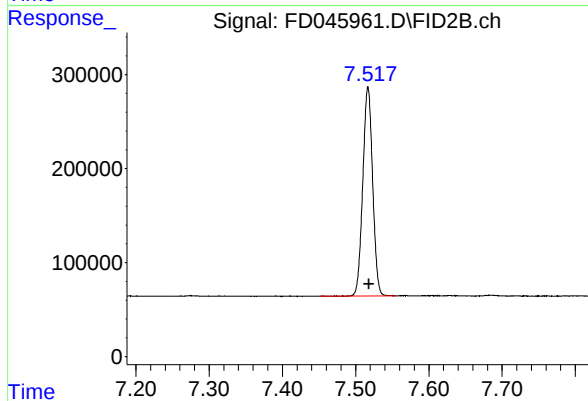
#2 Naphthalene (C11.7)

R.T.: 5.857 min
Delta R.T.: -0.001 min
Response: 2465163
Conc: 9.64 ug/ml



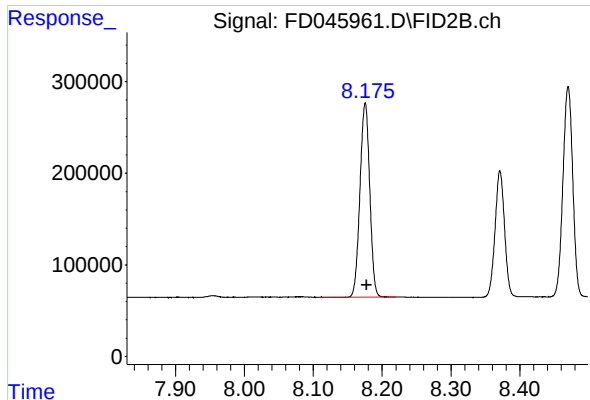
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.905 min
Delta R.T.: -0.002 min
Response: 2438836
Conc: 9.62 ug/ml



#4 2-Bromonaphthalene (SURR)

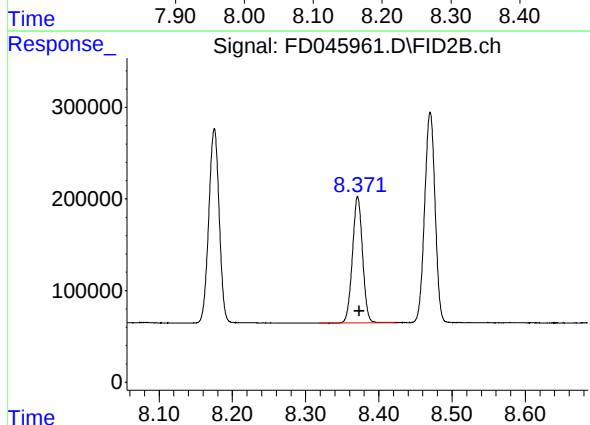
R.T.: 7.517 min
Delta R.T.: -0.001 min
Response: 2077319
Conc: 9.57 ug/ml



#5 Acenaphthylene (C15.06)

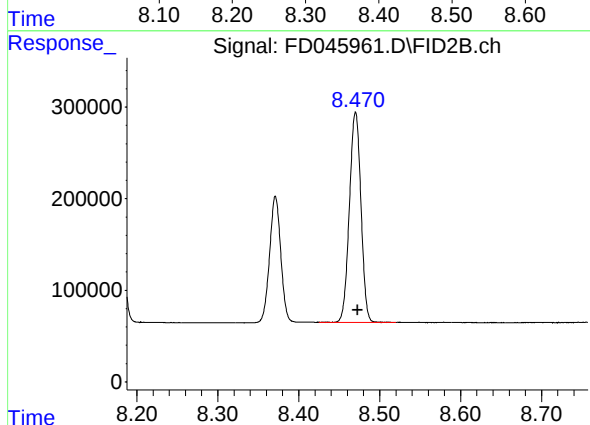
R.T.: 8.175 min
Delta R.T.: -0.002 min
Response: 2087165
Conc: 9.53 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



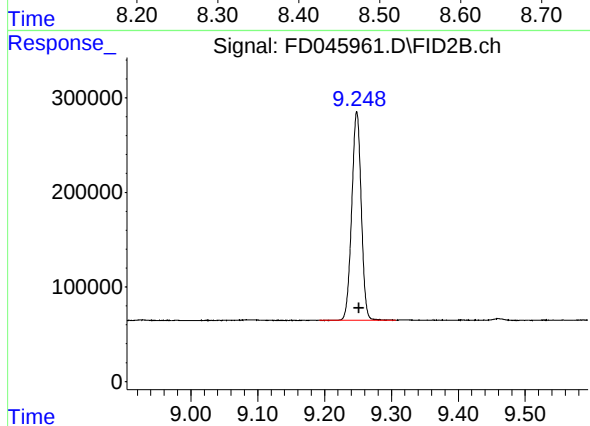
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.371 min
Delta R.T.: -0.002 min
Response: 1320680
Conc: 9.43 ug/ml



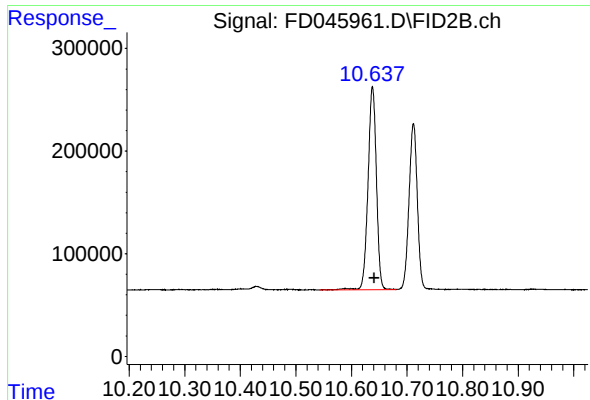
#7 Acenaphthene (C15.5)

R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 2275556
Conc: 9.60 ug/ml



#8 Flouorene (C16.55)

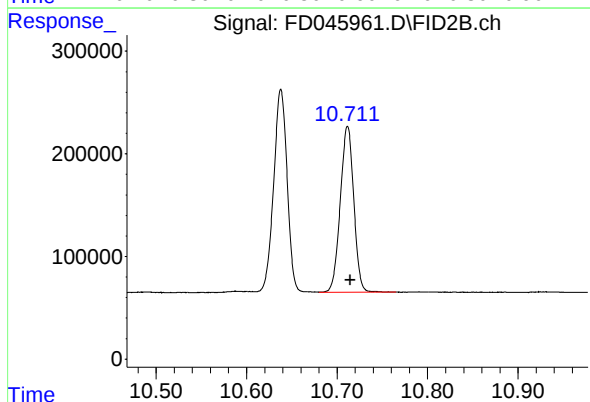
R.T.: 9.248 min
Delta R.T.: -0.004 min
Response: 2174814
Conc: 9.53 ug/ml



#9 Phenanthrene (C19.36)

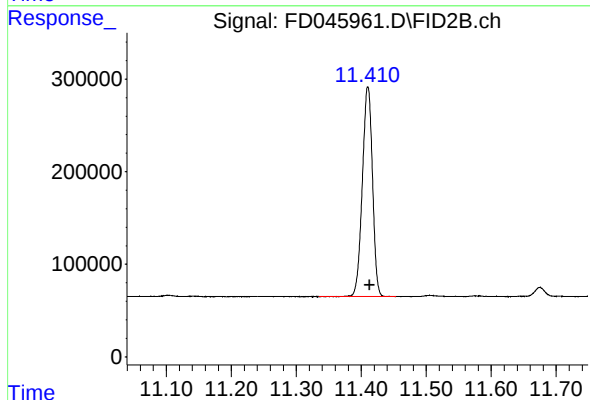
R.T.: 10.638 min
Delta R.T.: -0.004 min
Response: 2067981
Conc: 9.63 ug/ml

Instrument :
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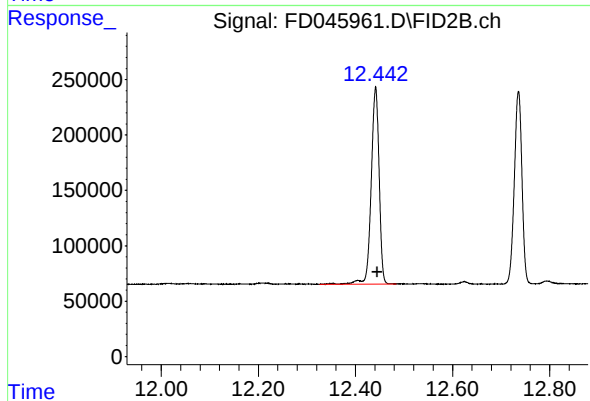
#10 Anthracene (C19.43)

R.T.: 10.712 min
Delta R.T.: -0.003 min
Response: 1674438
Conc: 10.87 ug/ml



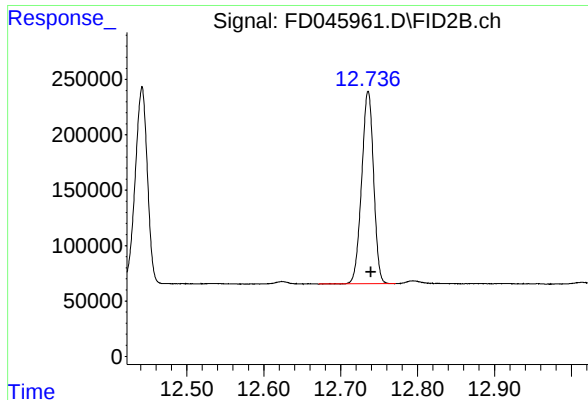
#11 ortho-Terphenyl (SURRE)

R.T.: 11.410 min
Delta R.T.: -0.003 min
Response: 2458923
Conc: 9.68 ug/ml



#12 Fluoranthene (C21.85)

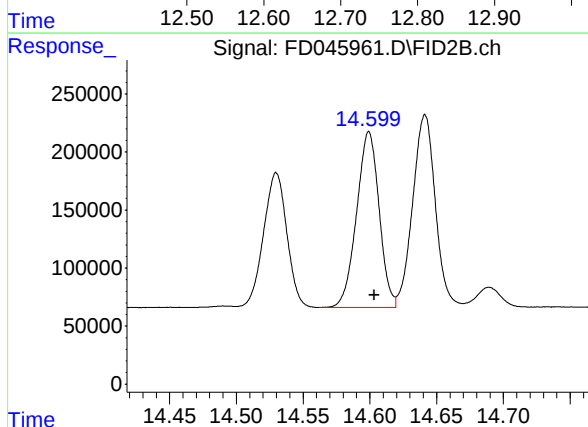
R.T.: 12.442 min
Delta R.T.: -0.003 min
Response: 2005310
Conc: 9.85 ug/ml



#13 Pyrene (C20.8)

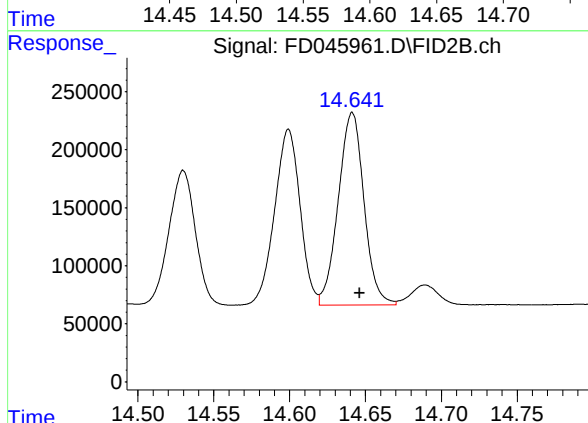
R.T.: 12.736 min
Delta R.T.: -0.003 min
Response: 1879029
Conc: 9.64 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



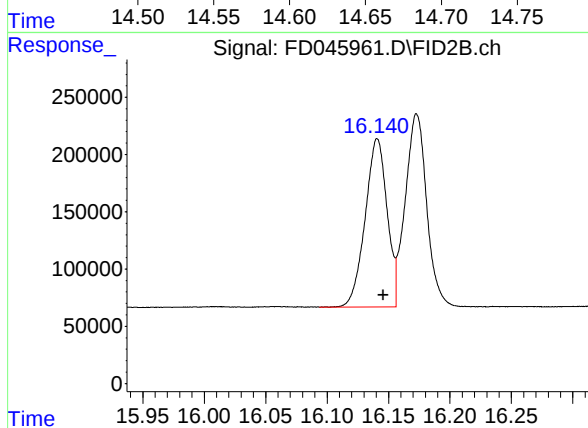
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.599 min
Delta R.T.: -0.004 min
Response: 1773530
Conc: 9.97 ug/ml



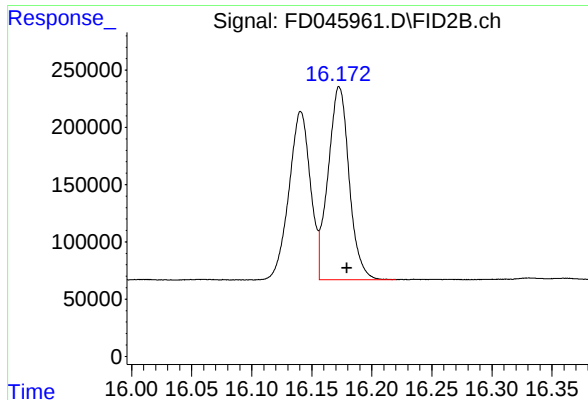
#15 Chrysene (C27.41)

R.T.: 14.641 min
Delta R.T.: -0.005 min
Response: 1959794
Conc: 10.25 ug/ml



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

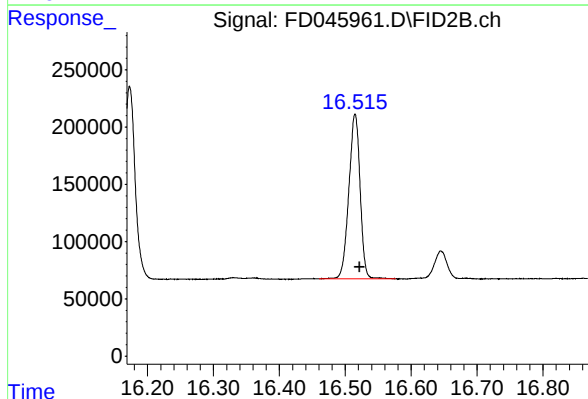
R.T.: 16.141 min
Delta R.T.: -0.005 min
Response: 1821984
Conc: 9.68 ug/ml



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

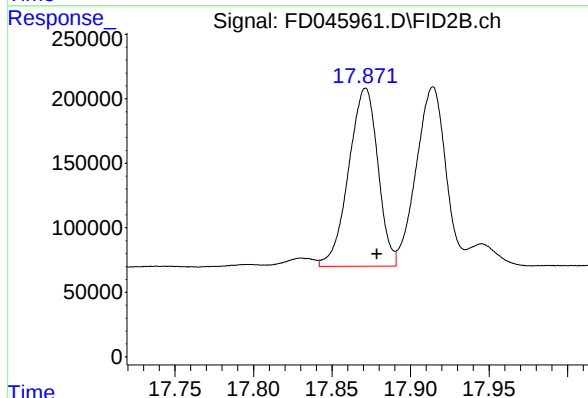
R.T.: 16.173 min
Delta R.T.: -0.006 min
Response: 2057037
Conc: 10.77 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



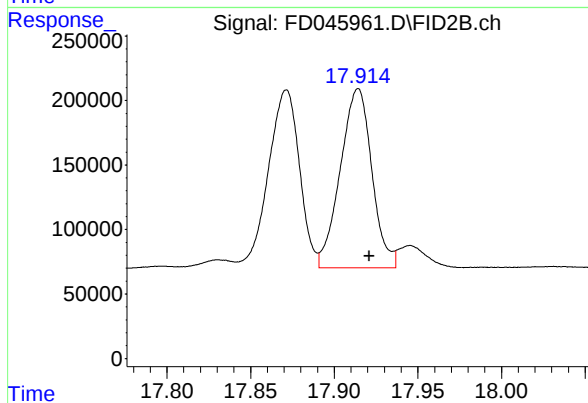
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.515 min
Delta R.T.: -0.007 min
Response: 1710070
Conc: 9.85 ug/ml



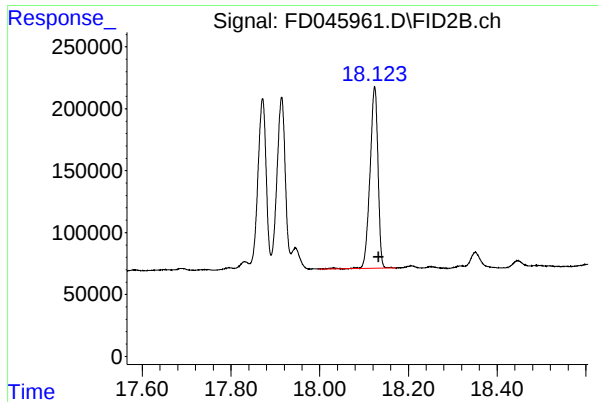
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.871 min
Delta R.T.: -0.008 min
Response: 1789571
Conc: 9.58 ug/ml



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

R.T.: 17.914 min
Delta R.T.: -0.007 min
Response: 1826347
Conc: 9.68 ug/ml



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

R.T.: 18.124 min

Delta R.T.: -0.009 min

Response: 1842340

Conc: 9.81 ug/ml

Instrument :

FID_D

ClientSampleId :

10 PPM AROMATIC HC STD4