

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045878.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 09:09
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 19 12:39:20 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...	7.525	3637889	20.178 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
6) S 2-Fluorobiphenyl (SURR)	8.380	2379466	19.791 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.58%
11) S ortho-Terphenyl (SURR)	11.419	4410626	19.746 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.333	4121449	20.416 ug/ml
2) T Naphthalene (C11.7)	5.863	4266381	20.134 ug/ml
3) T 2-Methylnaphthalene (...)	6.913	4230789	20.032 ug/ml
5) T Acenaphthylene (C15.06)	8.184	3788534	19.996 ug/ml
7) T Acenaphthene (C15.5)	8.480	4045826	20.011 ug/ml
8) T Fluorene (C16.55)	9.258	3893147	19.649 ug/ml
9) T Phenanthrene (C19.36)	10.648	3737844	19.538 ug/ml
10) T Anthracene (C19.43)	10.722	3278223	19.244 ug/ml
12) T Fluoranthene (C21.85)	12.452	3518072	19.042 ug/ml
13) T Pyrene (C20.8)	12.747	3414344	19.117 ug/ml
14) T Benzo[a]anthracene (C...	14.610	3017763	19.274 ug/ml
15) T Chrysene (C27.41)	14.653	3175322	19.247 ug/ml
16) T benzo[b]fluoranthene ...	16.153	3094443	20.446 ug/ml
17) T Bnezo[k]fluoranthene ...	16.185	3045404	19.671 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.527	2991402	20.456 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.885	3001160	20.491 ug/ml
20) T Dibenz[a,h]anthracene...	17.926	3085165	20.565 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	3082362	20.890 ug/ml

(f)=RT Delta > 1/2 Window

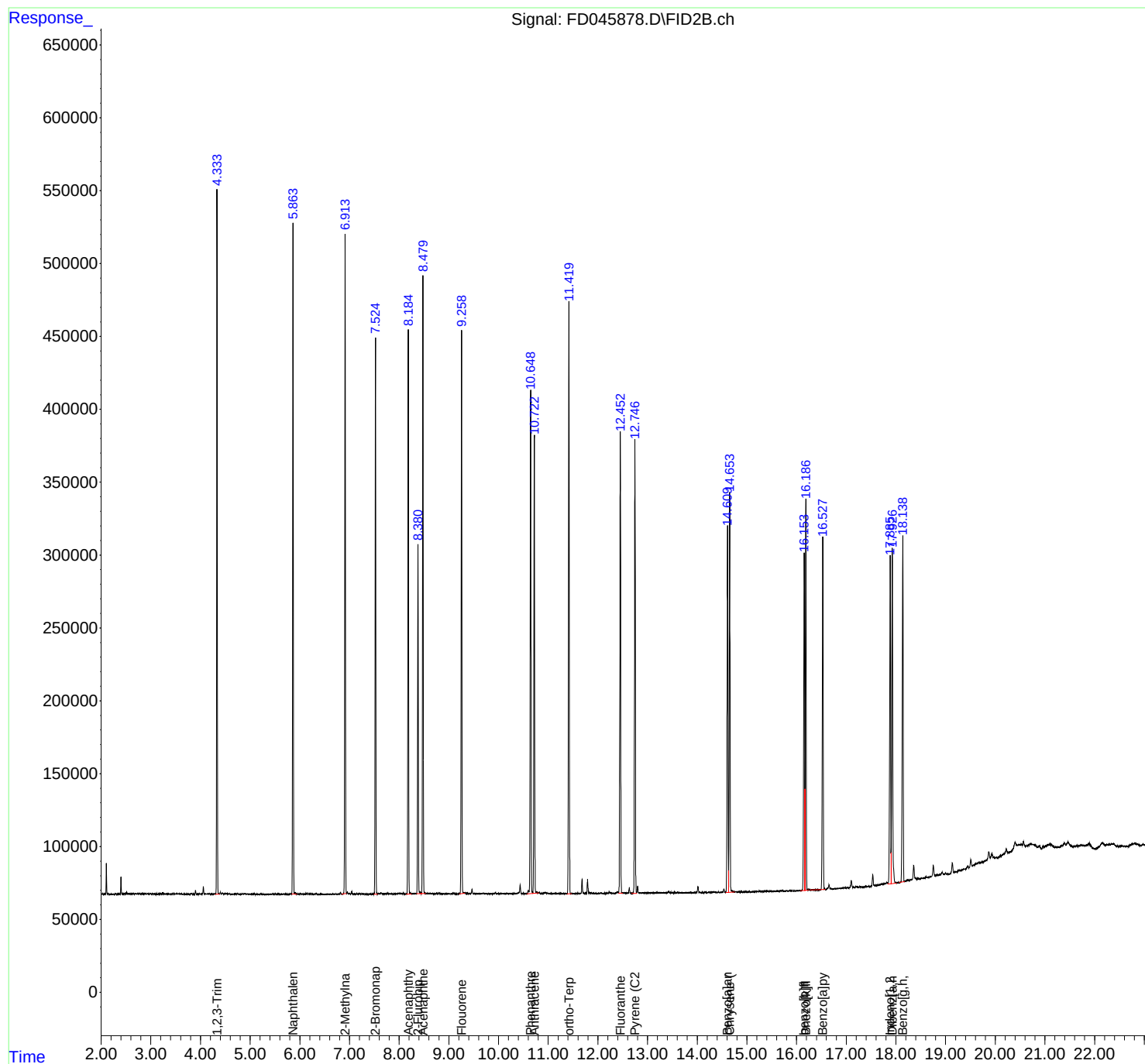
(m)=manual int.

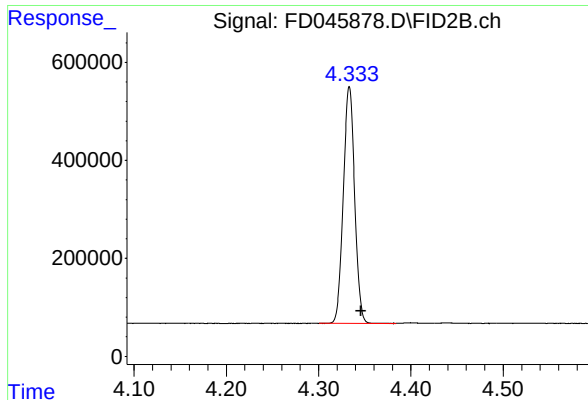
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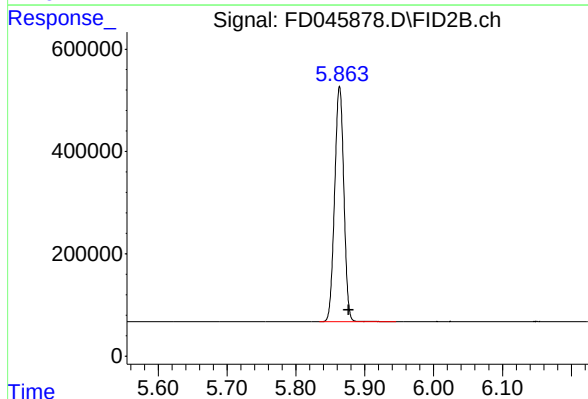




#1 1,2,3-Trimethylbenzene (C10.1)

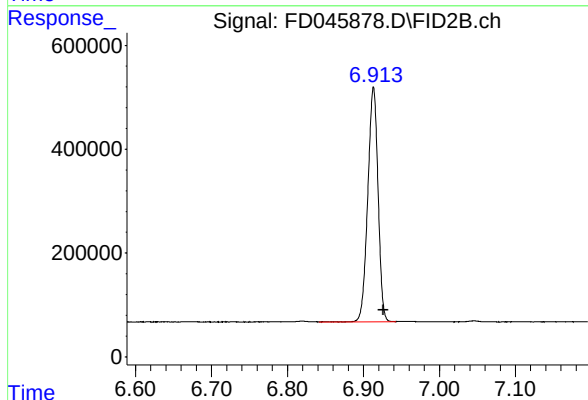
R.T.: 4.333 min
Delta R.T.: -0.013 min
Response: 4121449
Conc: 20.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



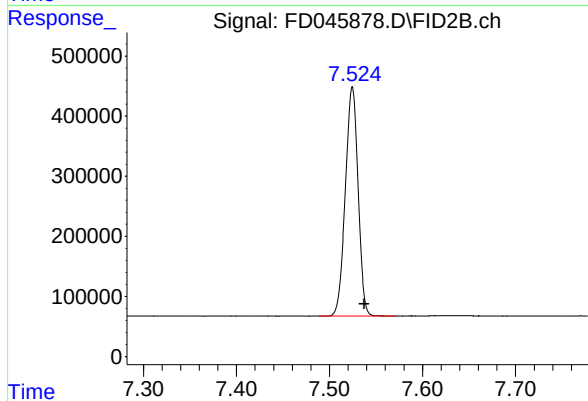
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 4266381
Conc: 20.13 ug/ml



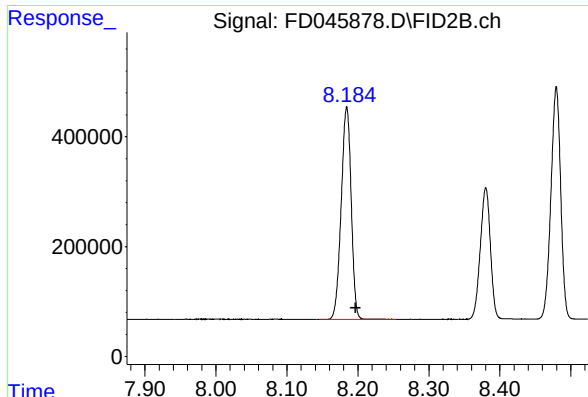
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.913 min
Delta R.T.: -0.013 min
Response: 4230789
Conc: 20.03 ug/ml



#4 2-Bromonaphthalene (SURR)

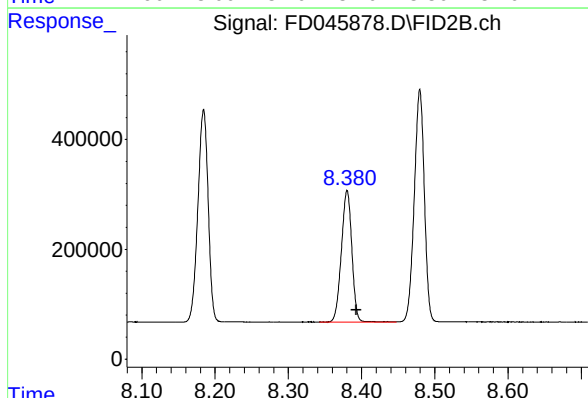
R.T.: 7.525 min
Delta R.T.: -0.013 min
Response: 3637889
Conc: 20.18 ug/ml



#5 Acenaphthylene (C15.06)

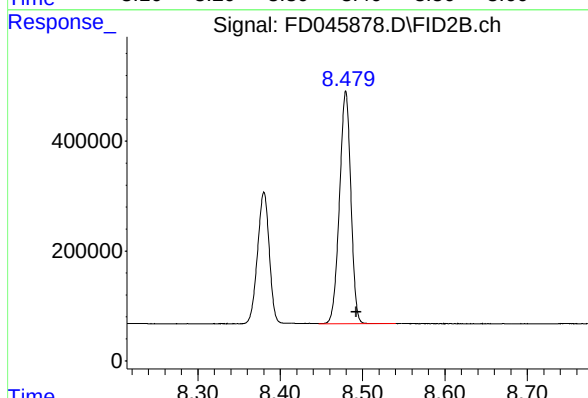
R.T.: 8.184 min
Delta R.T.: -0.013 min
Response: 3788534
Conc: 20.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



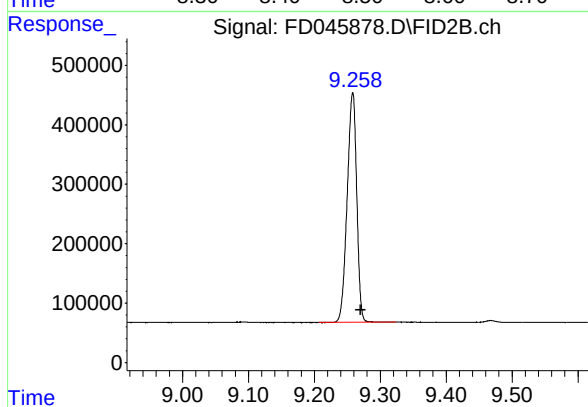
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.380 min
Delta R.T.: -0.013 min
Response: 2379466
Conc: 19.79 ug/ml



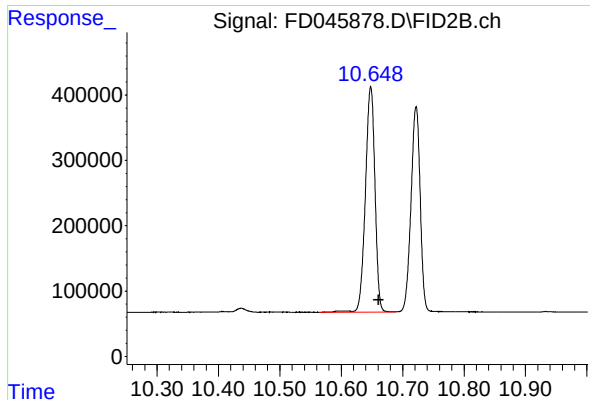
#7 Acenaphthene (C15.5)

R.T.: 8.480 min
Delta R.T.: -0.013 min
Response: 4045826
Conc: 20.01 ug/ml



#8 Flouorene (C16.55)

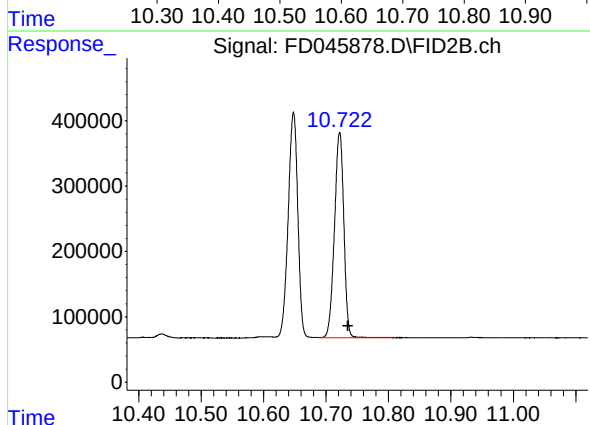
R.T.: 9.258 min
Delta R.T.: -0.013 min
Response: 3893147
Conc: 19.65 ug/ml



#9 Phenanthrene (C19.36)

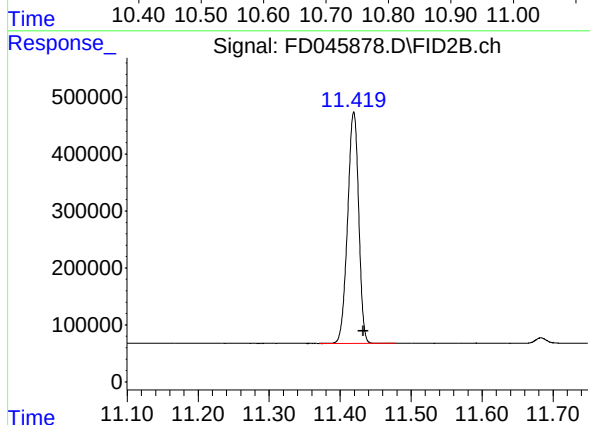
R.T.: 10.648 min
Delta R.T.: -0.013 min
Response: 3737844
Conc: 19.54 ug/ml

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20 PPM AROMATIC HC STD



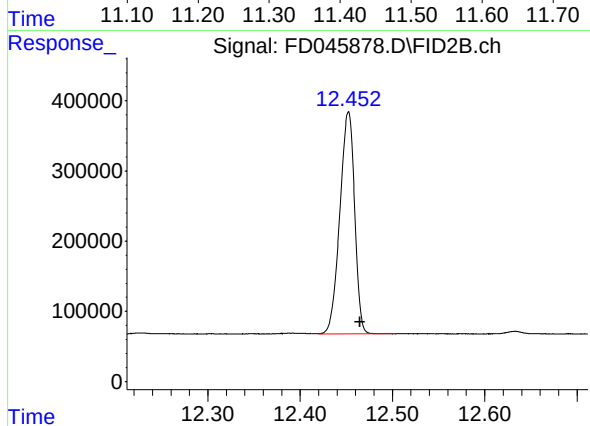
#10 Anthracene (C19.43)

R.T.: 10.722 min
Delta R.T.: -0.013 min
Response: 3278223
Conc: 19.24 ug/ml



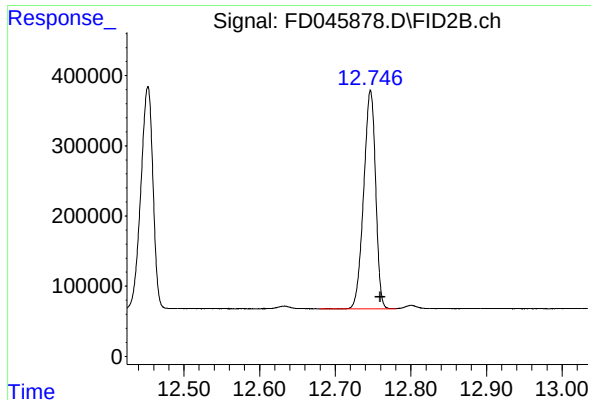
#11 ortho-Terphenyl (SURR)

R.T.: 11.419 min
Delta R.T.: -0.014 min
Response: 4410626
Conc: 19.75 ug/ml



#12 Fluoranthene (C21.85)

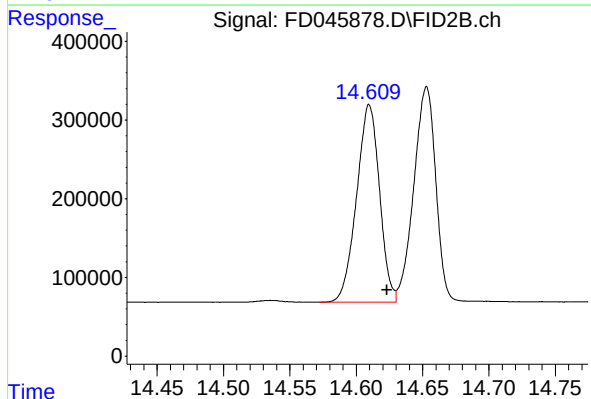
R.T.: 12.452 min
Delta R.T.: -0.013 min
Response: 3518072
Conc: 19.04 ug/ml



#13 Pyrene (C20.8)

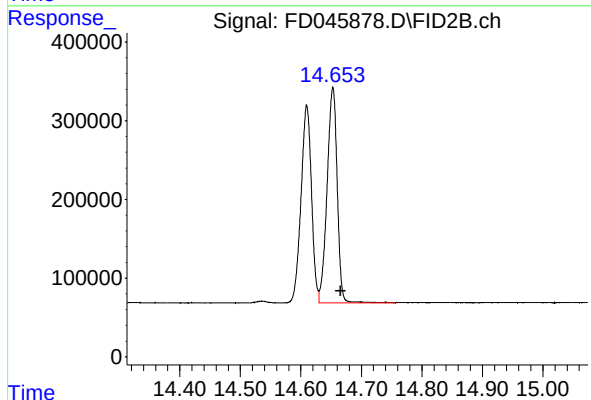
R.T.: 12.747 min
Delta R.T.: -0.013 min
Response: 3414344
Conc: 19.12 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



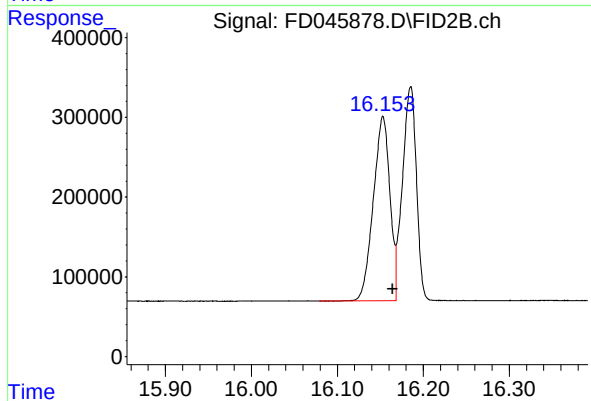
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.610 min
Delta R.T.: -0.013 min
Response: 3017763
Conc: 19.27 ug/ml



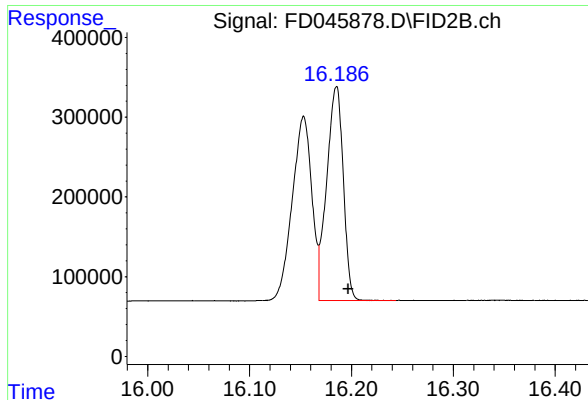
#15 Chrysene (C27.41)

R.T.: 14.653 min
Delta R.T.: -0.013 min
Response: 3175322
Conc: 19.25 ug/ml



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

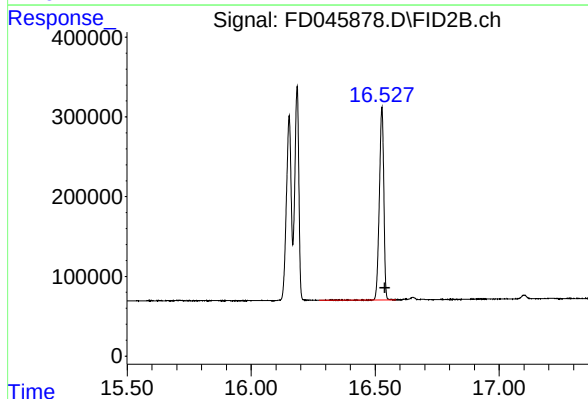
R.T.: 16.153 min
Delta R.T.: -0.011 min
Response: 3094443
Conc: 20.45 ug/ml



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

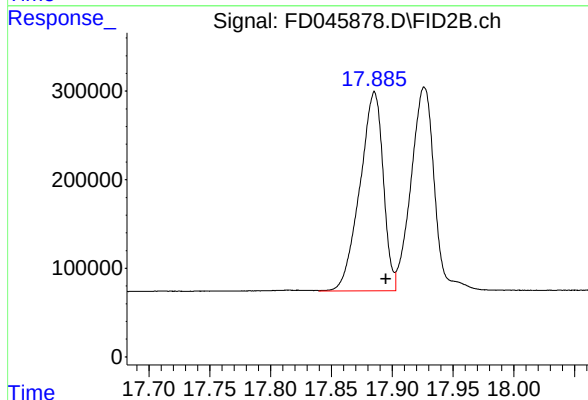
R.T.: 16.185 min
Delta R.T.: -0.012 min
Response: 3045404
Conc: 19.67 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



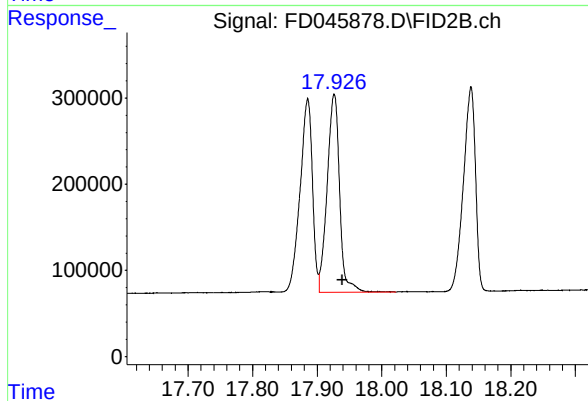
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.527 min
Delta R.T.: -0.012 min
Response: 2991402
Conc: 20.46 ug/ml



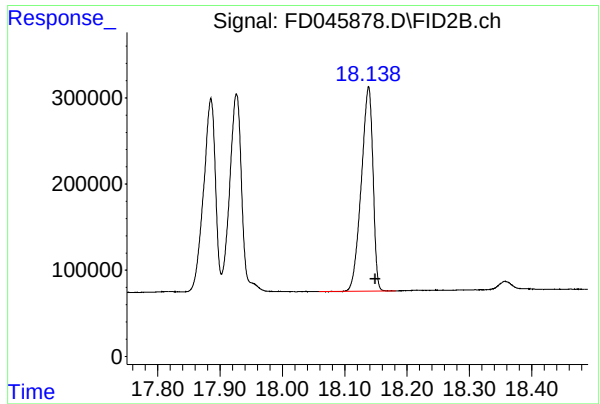
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.885 min
Delta R.T.: -0.010 min
Response: 3001160
Conc: 20.49 ug/ml



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

R.T.: 17.926 min
Delta R.T.: -0.013 min
Response: 3085165
Conc: 20.57 ug/ml



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

R.T.: 18.138 min
Delta R.T.: -0.011 min
Response: 3082362
Conc: 20.89 ug/ml

Instrument :

FID_D

ClientSampleId :

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