

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091623AR\
 Data File : FD046510.D
 Signal(s) : FID2B.ch
 Acq On : 15 Sep 2023 14:04
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 16 00:50:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.491	3505079	19.890 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
6) S 2-Fluorobiphenyl (SURR)	8.344	2332816	20.135 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.27%
11) S ortho-Terphenyl (SURR)	11.381	4150274	20.372 ug/ml
Spiked Amount 50.000		Recovery =	40.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	3599597	19.489 ug/ml
2) T Naphthalene (C11.7)	5.831	3802278	19.677 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	3867360	19.957 ug/ml
5) T Acenaphthylene (C15.06)	8.148	3568435	20.238 ug/ml
7) T Acenaphthene (C15.5)	8.443	3773021	20.081 ug/ml
8) T Fluorene (C16.55)	9.222	3673284	20.363 ug/ml
9) T Phenanthrene (C19.36)	10.609	3603384	20.494 ug/ml
10) T Anthracene (C19.43)	10.684	3517353	22.900 ug/ml
12) T Fluoranthene (C21.85)	12.413	3548569	20.820 ug/ml
13) T Pyrene (C20.8)	12.706	3460899	21.097 ug/ml
14) T Benzo[a]anthracene (C...	14.570	3019892	21.627 ug/ml
15) T Chrysene (C27.41)	14.612	3241600	21.354 ug/ml
16) T benzo[b]fluoranthene ...	16.111	2988819	21.790 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	3003931	21.685 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.485	2897026	21.655 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.843	2577236	20.560 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	2704304	20.322 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	2710407	20.553 ug/ml

(f)=RT Delta > 1/2 Window

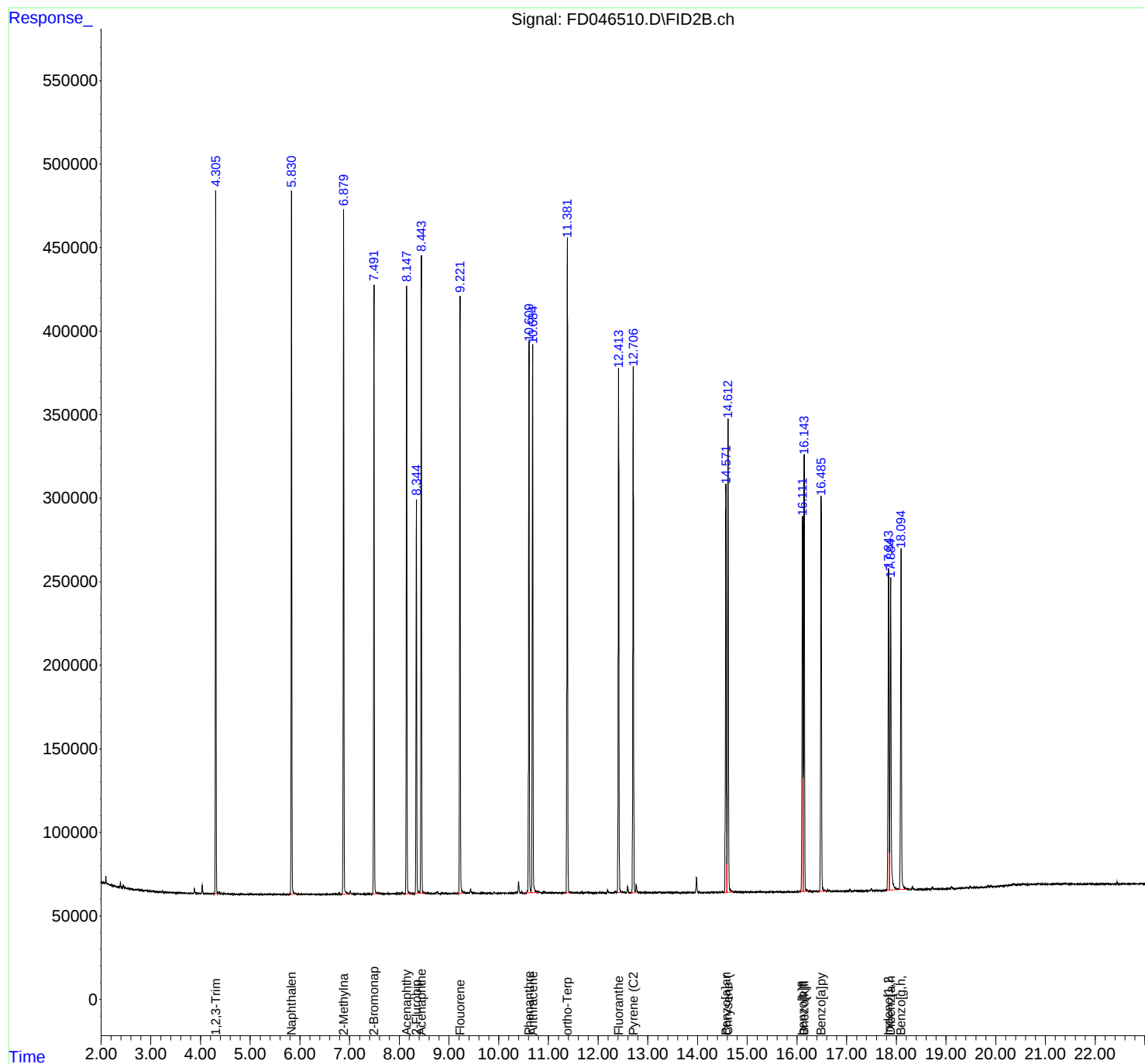
(m)=manual int.

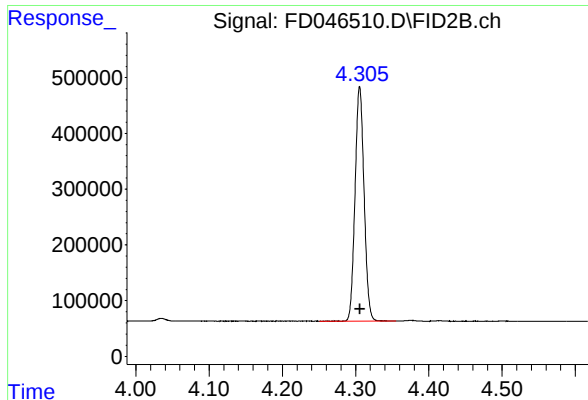
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Misc      :  
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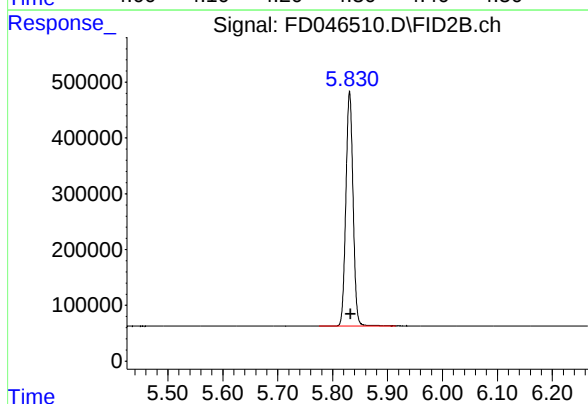




#1 1,2,3-Trimethylbenzene (C10.1)

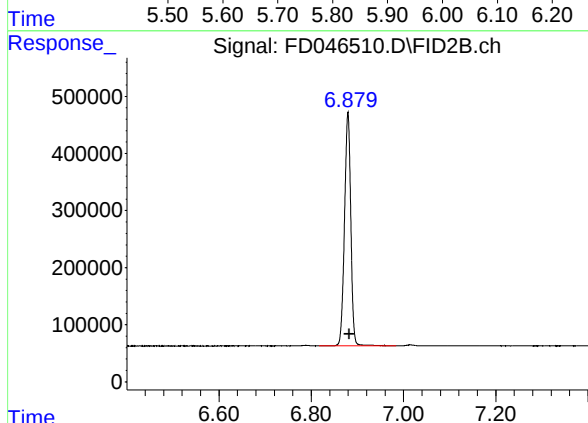
R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 3599597
Conc: 19.49 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



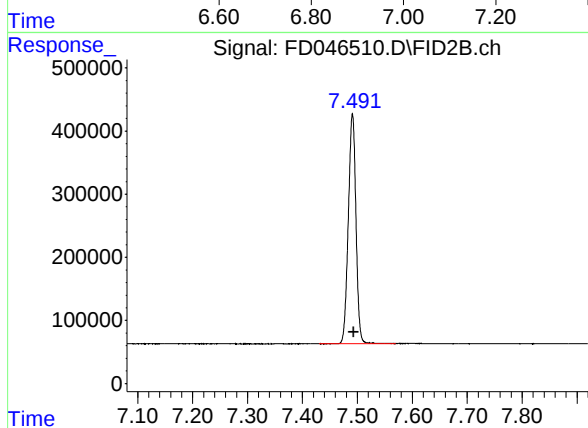
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 3802278
Conc: 19.68 ug/ml



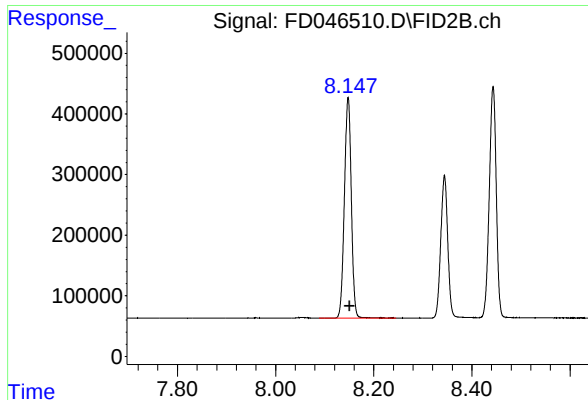
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: -0.003 min
Response: 3867360
Conc: 19.96 ug/ml



#4 2-Bromonaphthalene (SURR)

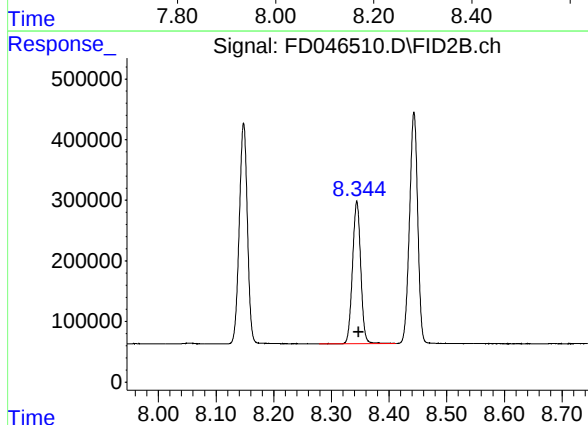
R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 3505079
Conc: 19.89 ug/ml



#5 Acenaphthylene (C15.06)

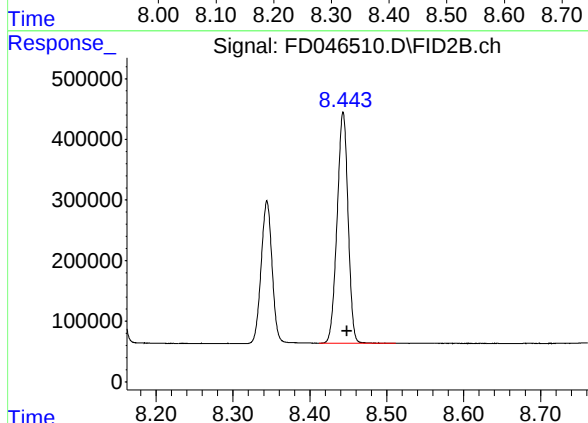
R.T.: 8.148 min
Delta R.T.: -0.004 min
Response: 3568435
Conc: 20.24 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



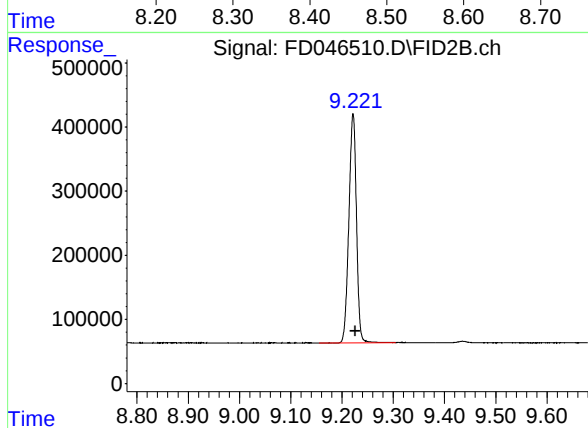
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 2332816
Conc: 20.13 ug/ml



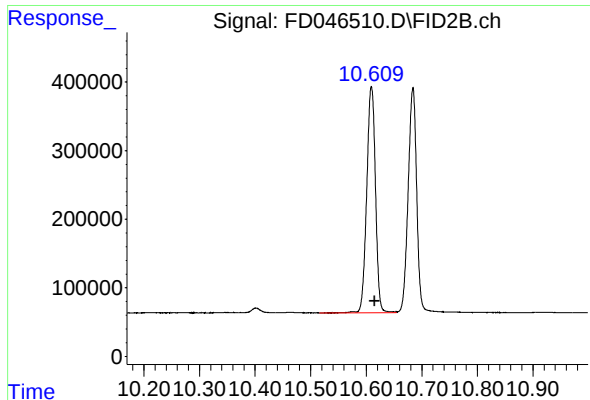
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: -0.005 min
Response: 3773021
Conc: 20.08 ug/ml



#8 Fluorene (C16.55)

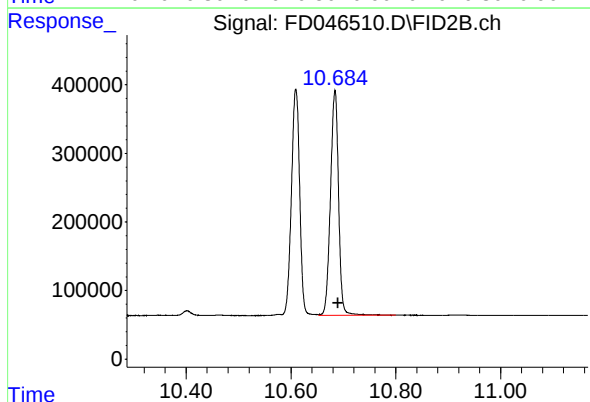
R.T.: 9.222 min
Delta R.T.: -0.005 min
Response: 3673284
Conc: 20.36 ug/ml



#9 Phenanthrene (C19.36)

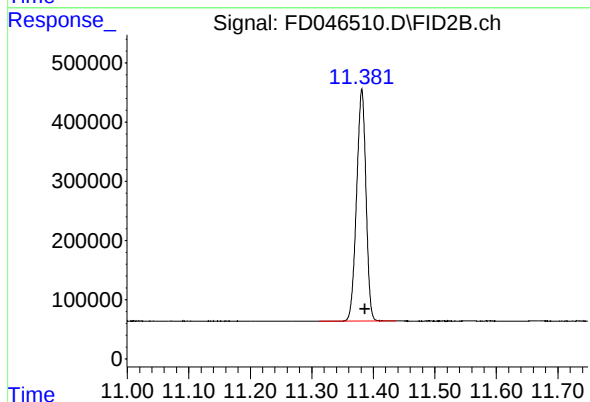
R.T.: 10.609 min
Delta R.T.: -0.006 min
Response: 3603384
Conc: 20.49 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



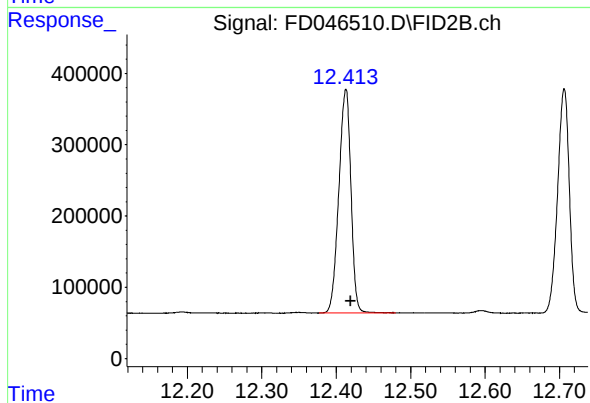
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: -0.006 min
Response: 3517353
Conc: 22.90 ug/ml



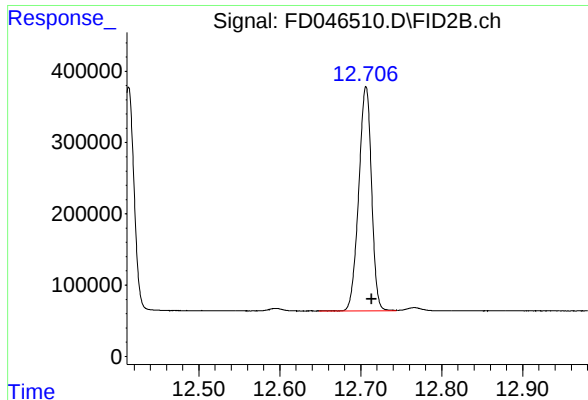
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: -0.005 min
Response: 4150274
Conc: 20.37 ug/ml



#12 Fluoranthene (C21.85)

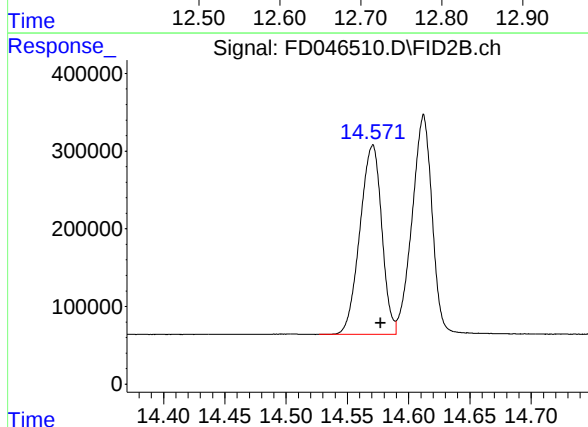
R.T.: 12.413 min
Delta R.T.: -0.007 min
Response: 3548569
Conc: 20.82 ug/ml



#13 Pyrene (C20.8)

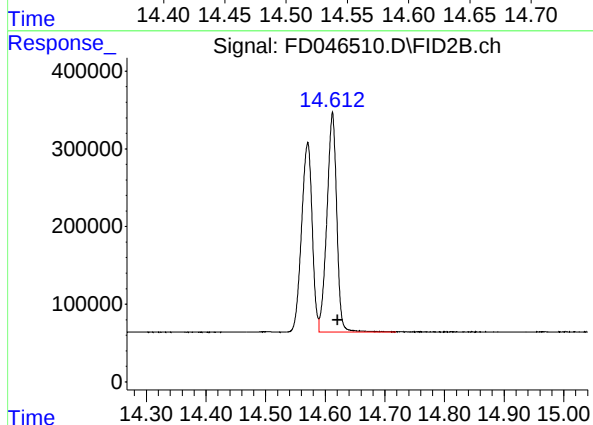
R.T.: 12.706 min
Delta R.T.: -0.007 min
Response: 3460899
Conc: 21.10 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



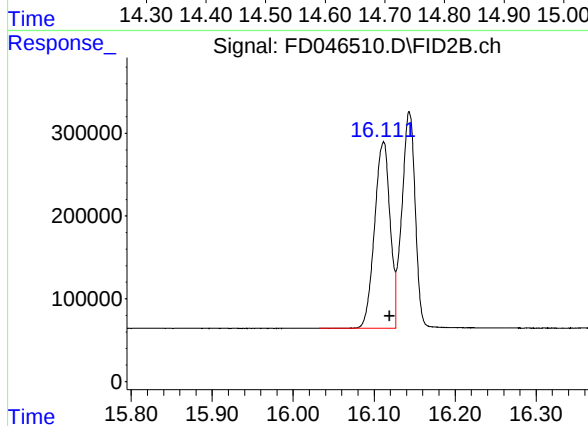
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.570 min
Delta R.T.: -0.007 min
Response: 3019892
Conc: 21.63 ug/ml



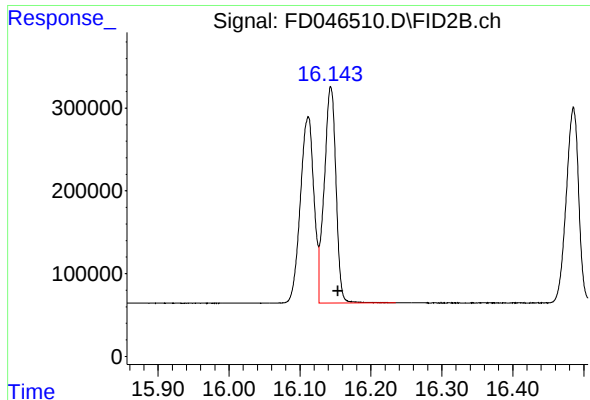
#15 Chrysene (C27.41)

R.T.: 14.612 min
Delta R.T.: -0.009 min
Response: 3241600
Conc: 21.35 ug/ml



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

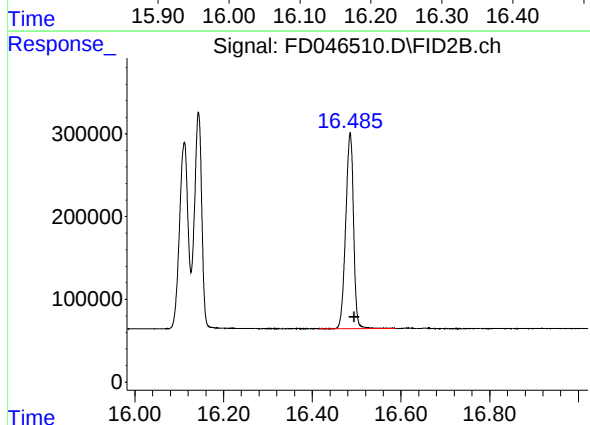
R.T.: 16.111 min
Delta R.T.: -0.008 min
Response: 2988819
Conc: 21.79 ug/ml



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

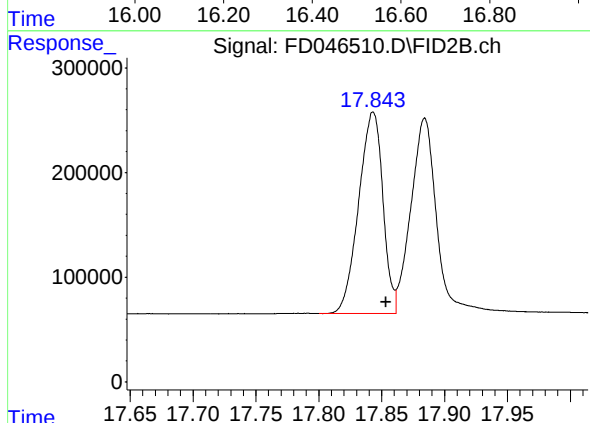
R.T.: 16.143 min
Delta R.T.: -0.010 min
Response: 3003931
Conc: 21.69 ug/ml

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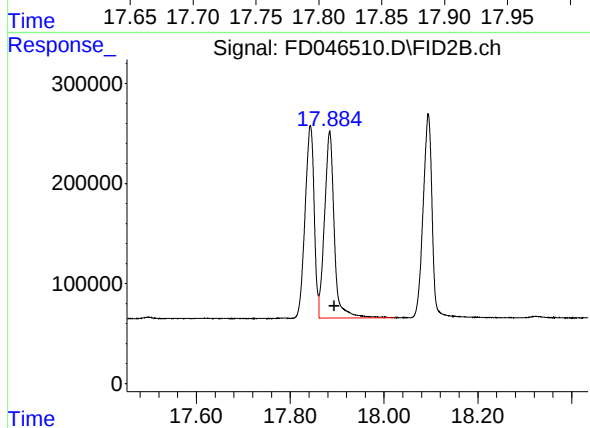
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: -0.009 min
Response: 2897026
Conc: 21.66 ug/ml



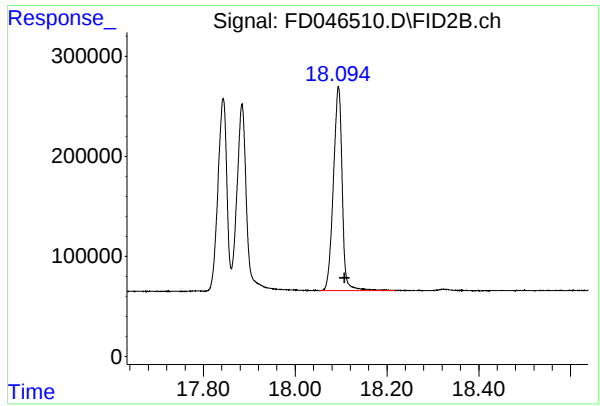
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.843 min
Delta R.T.: -0.010 min
Response: 2577236
Conc: 20.56 ug/ml



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

R.T.: 17.884 min
Delta R.T.: -0.010 min
Response: 2704304
Conc: 20.32 ug/ml



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

R.T.: 18.094 min

Delta R.T.: -0.014 min

Response: 2710407

Conc: 20.55 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD