

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092123AR\
 Data File : FD046565.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2023 23:07
 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 22 00:40:51 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...	7.490	3550369	20.147 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
6) S 2-Fluorobiphenyl (SURR)	8.344	2338014	20.180 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.36%
11) S ortho-Terphenyl (SURR)	11.381	4136081	20.302 ug/ml
Spiked Amount 50.000		Recovery =	40.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3689605	19.976 ug/ml
2) T Naphthalene (C11.7)	5.831	3884535	20.103 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	3907000	20.161 ug/ml
5) T Acenaphthylene (C15.06)	8.147	3544920	20.104 ug/ml
7) T Acenaphthene (C15.5)	8.443	3794992	20.198 ug/ml
8) T Fluorene (C16.55)	9.220	3648598	20.226 ug/ml
9) T Phenanthrene (C19.36)	10.609	3563340	20.266 ug/ml
10) T Anthracene (C19.43)	10.683	3235683	21.066 ug/ml
12) T Fluoranthene (C21.85)	12.411	3473542	20.380 ug/ml
13) T Pyrene (C20.8)	12.706	3346487	20.399 ug/ml
14) T Benzo[a]anthracene (C...	14.568	2824880	20.231 ug/ml
15) T Chrysene (C27.41)	14.610	3049298	20.087 ug/ml
16) T benzo[b]fluoranthene ...	16.110	2773690	20.221 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	2857297	20.627 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	2664433	19.917 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	2471316	19.715 ug/ml
20) T Dibenz[a,h]anthracene...	17.882	2717633	20.423 ug/ml
21) T Benzo[g,h,i]perylene ...	18.092	2613822	19.821 ug/ml

(f)=RT Delta > 1/2 Window

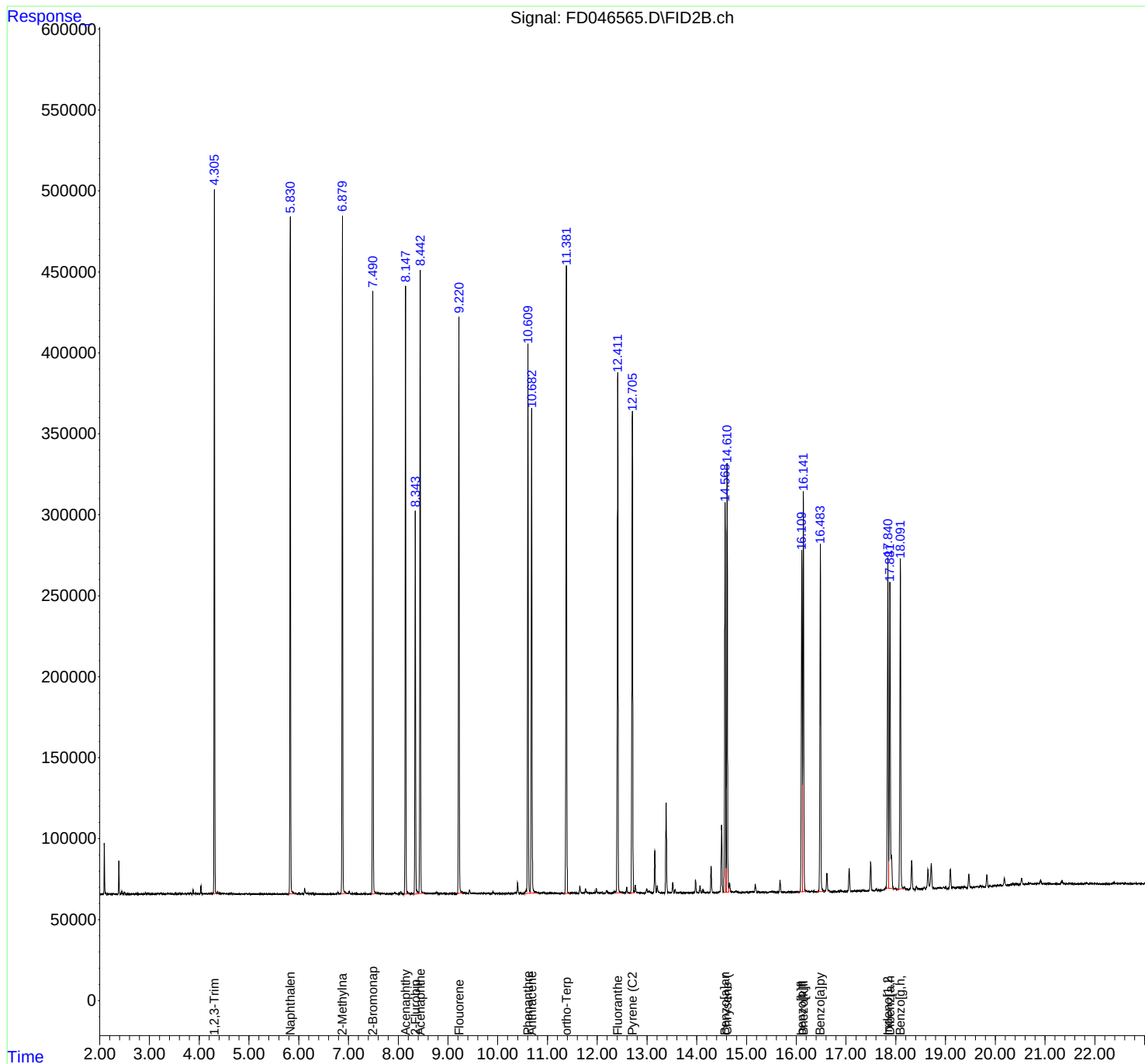
(m)=manual int.

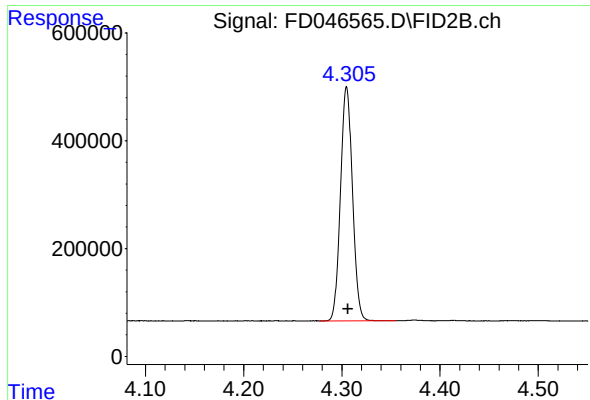
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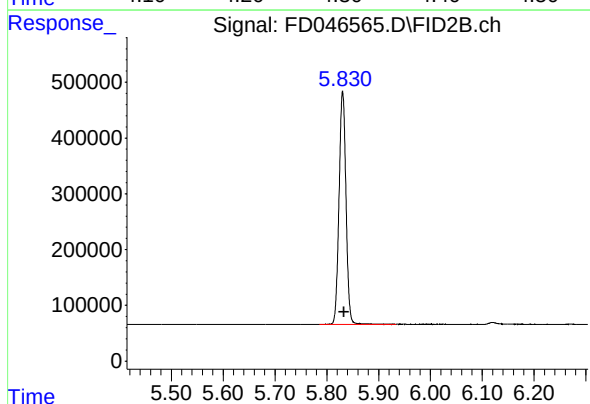




#1 1,2,3-Trimethylbenzene (C10.1)

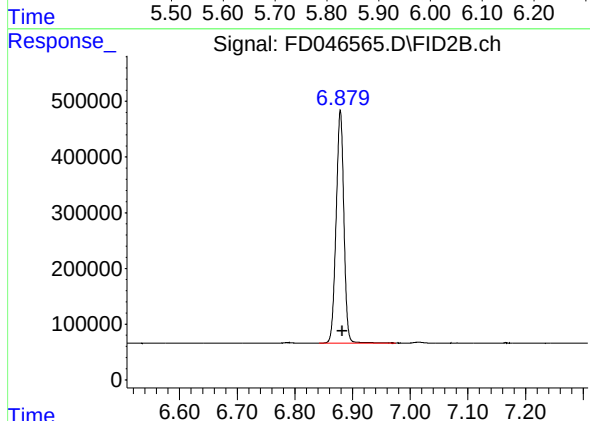
R.T.: 4.305 min
Delta R.T.: -0.001 min
Response: 3689605
Conc: 19.98 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



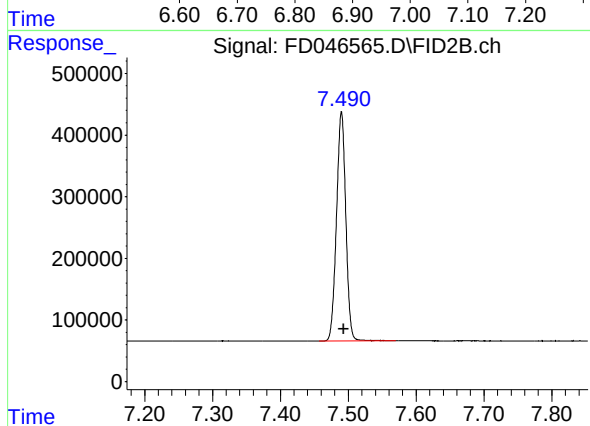
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 3884535
Conc: 20.10 ug/ml



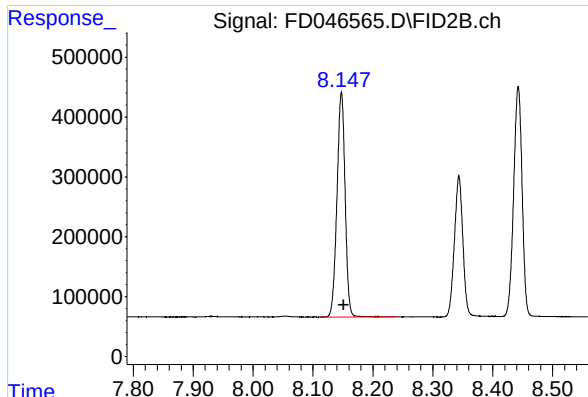
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 3907000
Conc: 20.16 ug/ml



#4 2-Bromonaphthalene (SURR)

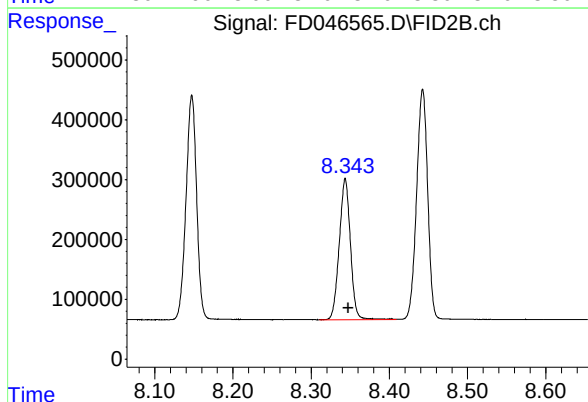
R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 3550369
Conc: 20.15 ug/ml



#5 Acenaphthylene (C15.06)

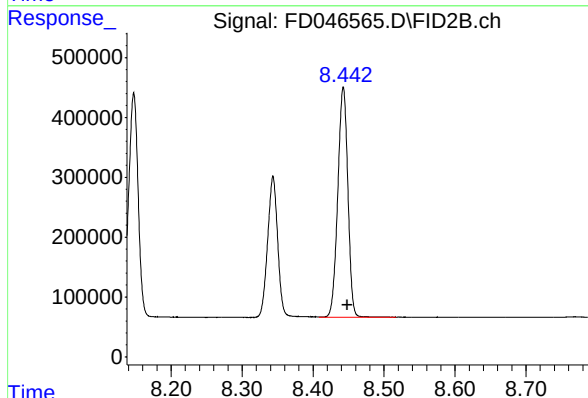
R.T.: 8.147 min
Delta R.T.: -0.004 min
Response: 3544920
Conc: 20.10 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



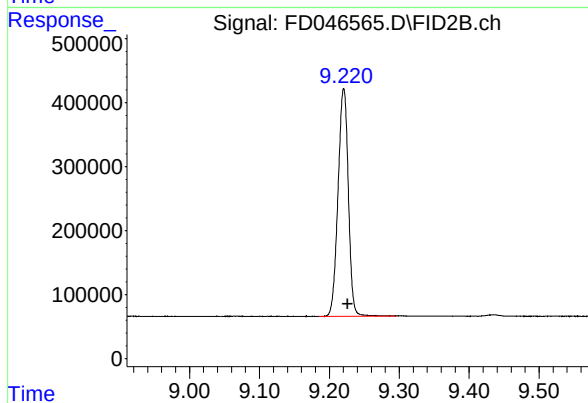
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.004 min
Response: 2338014
Conc: 20.18 ug/ml



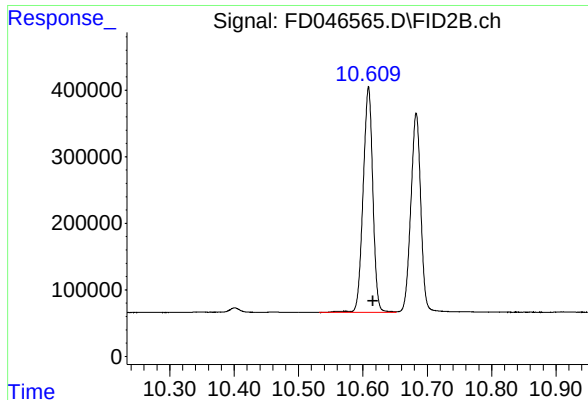
#7 Acenaphthene (C15.5)

R.T.: 8.443 min
Delta R.T.: -0.005 min
Response: 3794992
Conc: 20.20 ug/ml



#8 Flouorene (C16.55)

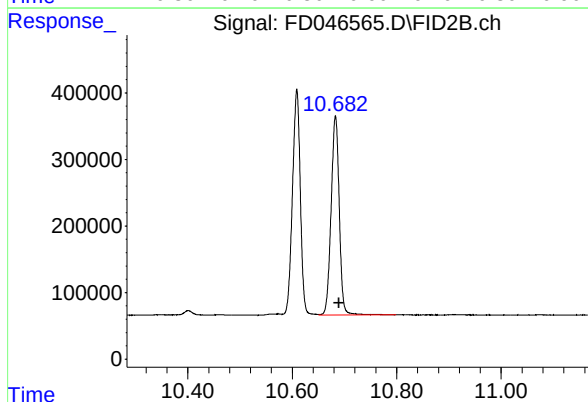
R.T.: 9.220 min
Delta R.T.: -0.006 min
Response: 3648598
Conc: 20.23 ug/ml



#9 Phenanthrene (C19.36)

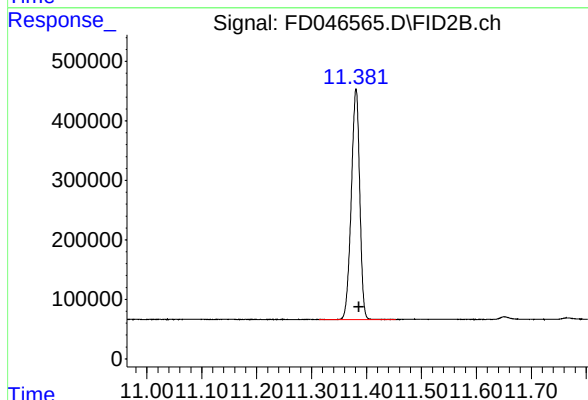
R.T.: 10.609 min
Delta R.T.: -0.007 min
Response: 3563340
Conc: 20.27 ug/ml

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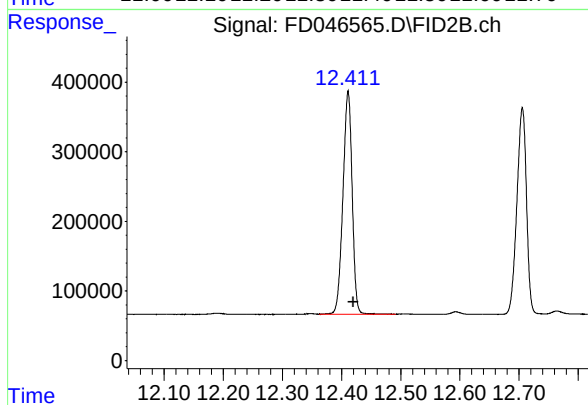
#10 Anthracene (C19.43)

R.T.: 10.683 min
Delta R.T.: -0.007 min
Response: 3235683
Conc: 21.07 ug/ml



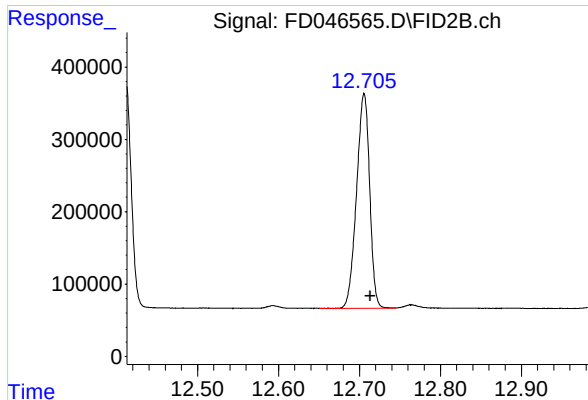
#11 ortho-Terphenyl (SURR)

R.T.: 11.381 min
Delta R.T.: -0.006 min
Response: 4136081
Conc: 20.30 ug/ml



#12 Fluoranthene (C21.85)

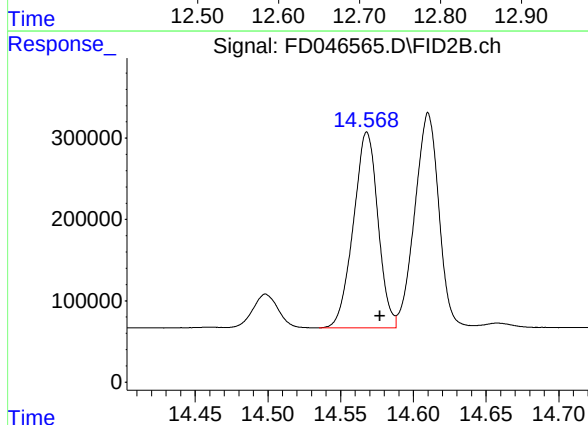
R.T.: 12.411 min
Delta R.T.: -0.009 min
Response: 3473542
Conc: 20.38 ug/ml



#13 Pyrene (C20.8)

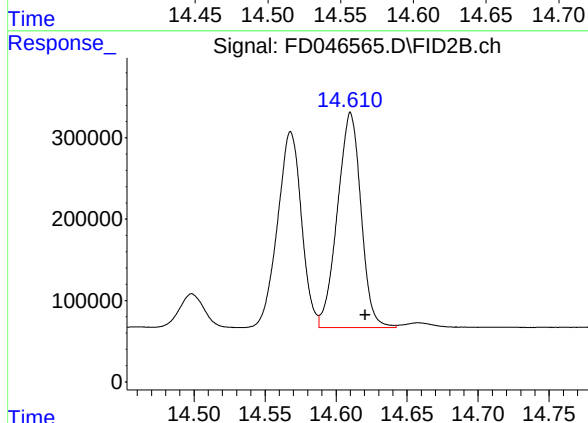
R.T.: 12.706 min
Delta R.T.: -0.008 min
Response: 3346487
Conc: 20.40 ug/ml

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20 PPM AROMATIC HC STD



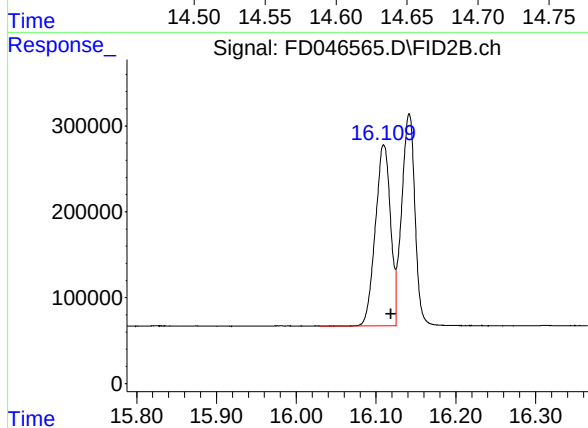
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: -0.009 min
Response: 2824880
Conc: 20.23 ug/ml



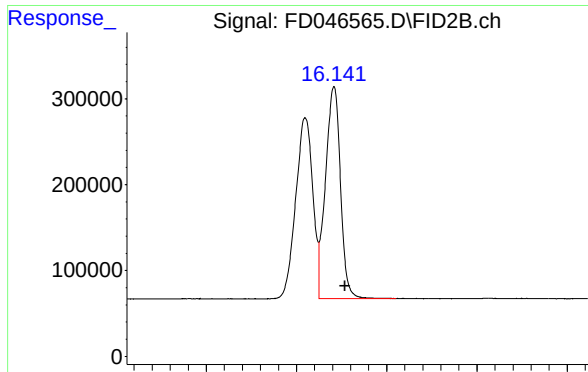
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: -0.011 min
Response: 3049298
Conc: 20.09 ug/ml



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

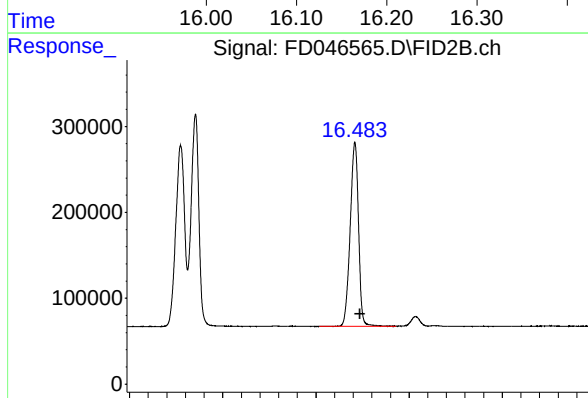
R.T.: 16.110 min
Delta R.T.: -0.009 min
Response: 2773690
Conc: 20.22 ug/ml



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

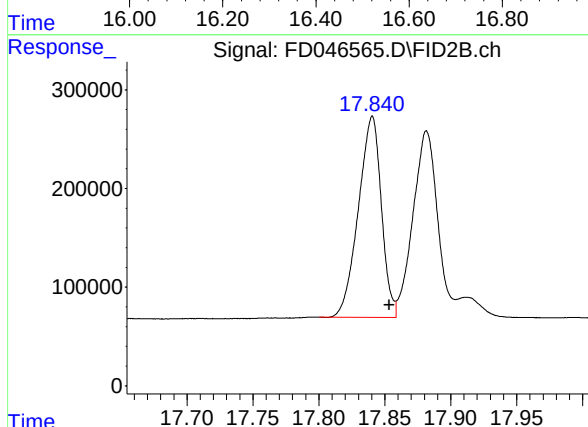
R.T.: 16.141 min
Delta R.T.: -0.012 min
Response: 2857297
Conc: 20.63 ug/ml

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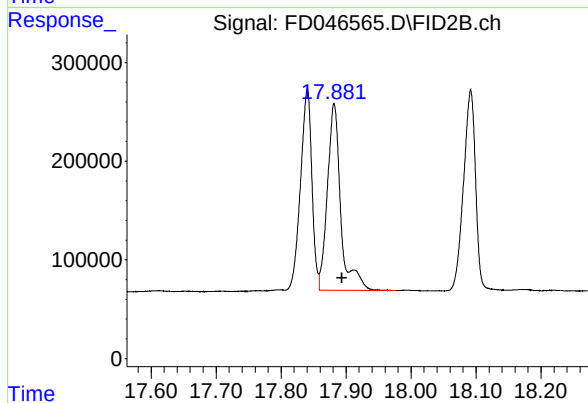
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: -0.011 min
Response: 2664433
Conc: 19.92 ug/ml



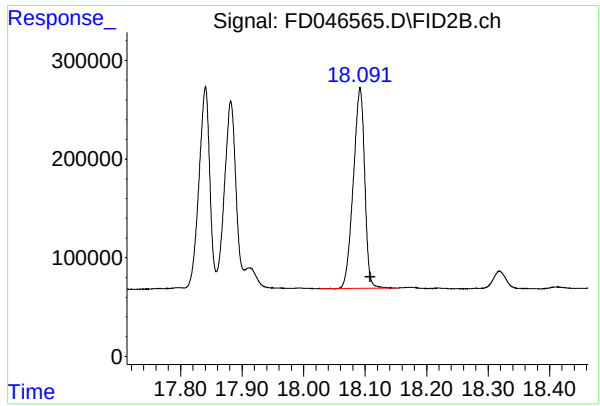
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: -0.013 min
Response: 2471316
Conc: 19.72 ug/ml



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

R.T.: 17.882 min
Delta R.T.: -0.012 min
Response: 2717633
Conc: 20.42 ug/ml



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

R.T.: 18.092 min
Delta R.T.: -0.017 min
Response: 2613822
Conc: 19.82 ug/ml

Instrument :

FID_D

ClientSampleId :

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