

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110424AR\
 Data File : FD048665.D
 Signal(s) : FID2B.ch
 Acq On : 05 Nov 2024 10:18
 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: Nov 06 01:26:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 2024
 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...	7.369	3246036	21.387 ug/ml
Spiked Amount 50.000		Recovery =	42.77%
6) S 2-Fluorobiphenyl (SURR)	8.218	2116171	21.551 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.10%
11) S ortho-Terphenyl (SURR)	11.253	3644960	21.398 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.192	3688584	21.202 ug/ml
2) T Naphthalene (C11.7)	5.710	3820403	21.411 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	3788357	21.180 ug/ml
5) T Acenaphthylene (C15.06)	8.021	3667101	20.884 ug/ml
7) T Acenaphthene (C15.5)	8.315	3764671	21.226 ug/ml
8) T Fluorene (C16.55)	9.094	3611652	21.366 ug/ml
9) T Phenanthrene (C19.36)	10.480	3513133	21.252 ug/ml
10) T Anthracene (C19.43)	10.555	2625898	16.421 ug/ml
12) T Fluoranthene (C21.85)	12.284	3539617	21.507 ug/ml
13) T Pyrene (C20.8)	12.576	3481528	21.614 ug/ml
14) T Benzo[a]anthracene (C...	14.445	3142976	21.496 ug/ml
15) T Chrysene (C27.41)	14.486	3353443	20.387 ug/ml
16) T benzo[b]fluoranthene ...	15.991	3366725	22.145 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	3352184	22.303 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.366	3223544	21.420 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	2899021	22.218 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	3030770	18.624 ug/ml
21) T Benzo[g,h,i]perylene ...	17.982	3245266	21.198 ug/ml

(f)=RT Delta > 1/2 Window

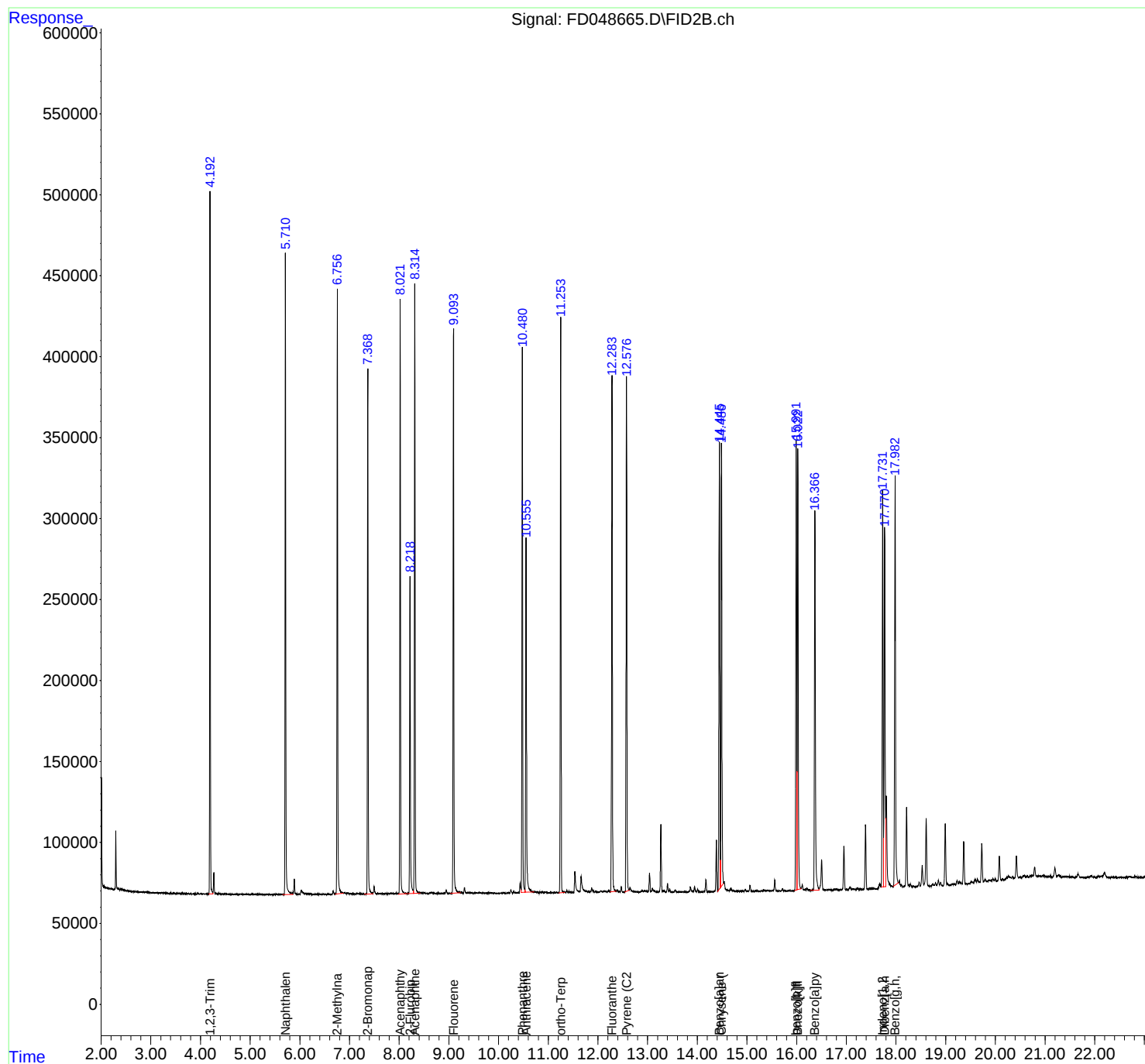
(m)=manual int.

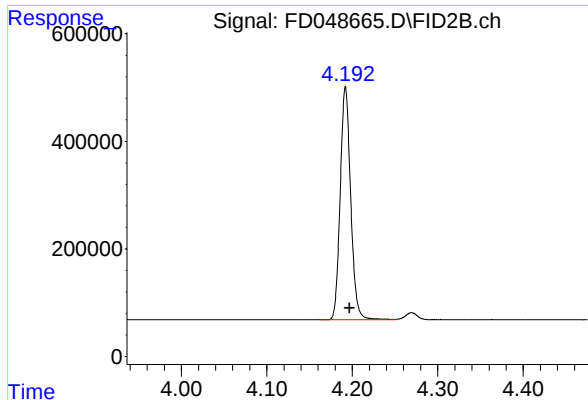
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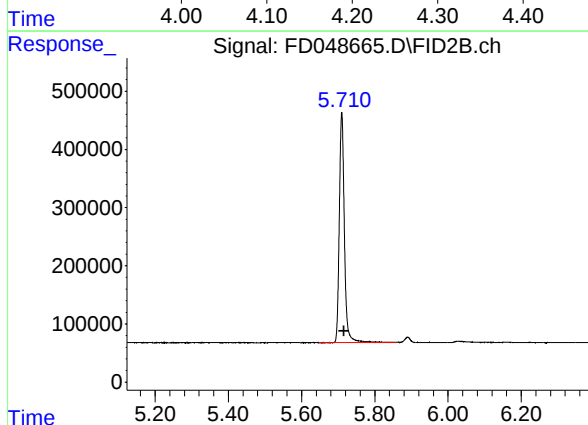




#1 1,2,3-Trimethylbenzene (C10.1)

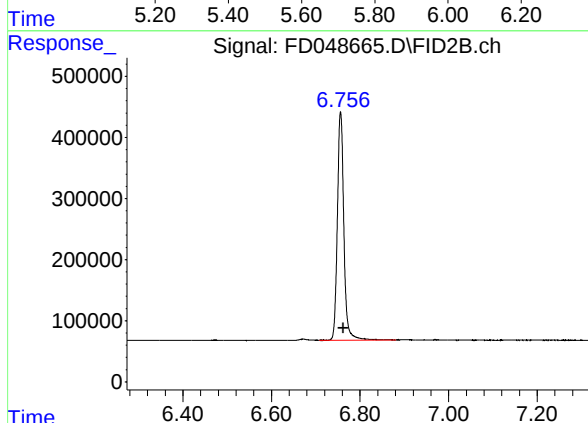
R.T.: 4.192 min
Delta R.T.: -0.005 min
Response: 3688584
Conc: 21.20 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



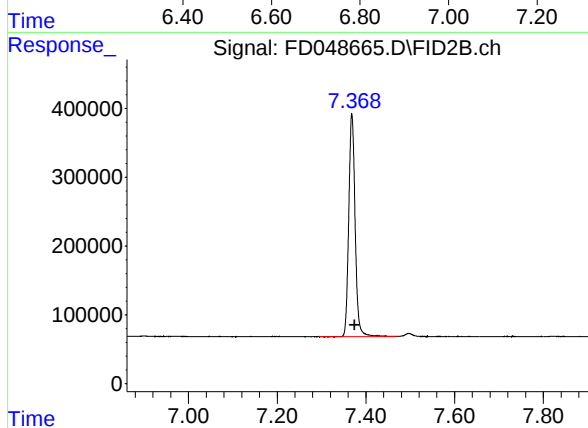
#2 Naphthalene (C11.7)

R.T.: 5.710 min
Delta R.T.: -0.006 min
Response: 3820403
Conc: 21.41 ug/ml



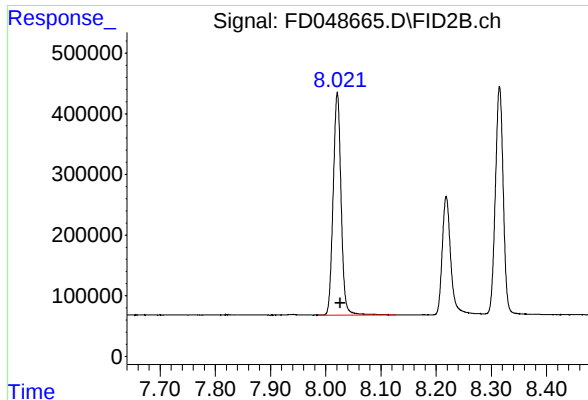
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.756 min
Delta R.T.: -0.006 min
Response: 3788357
Conc: 21.18 ug/ml



#4 2-Bromonaphthalene (SURR)

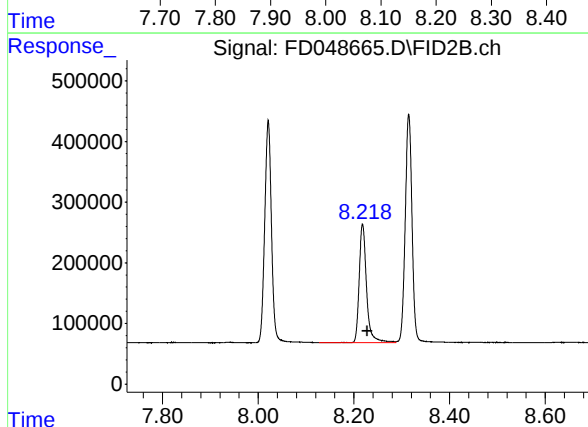
R.T.: 7.369 min
Delta R.T.: -0.006 min
Response: 3246036
Conc: 21.39 ug/ml



#5 Acenaphthylene (C15.06)

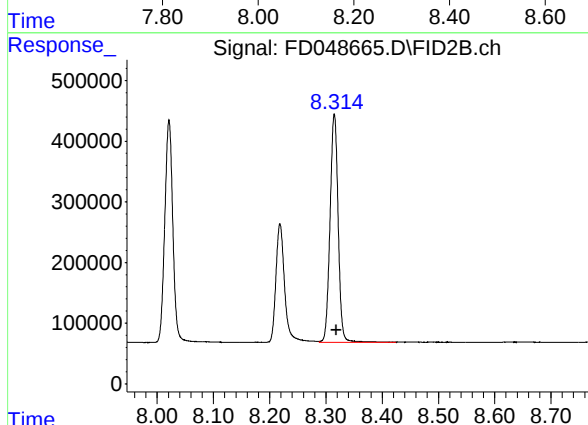
R.T.: 8.021 min
Delta R.T.: -0.005 min
Response: 3667101
Conc: 20.88 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



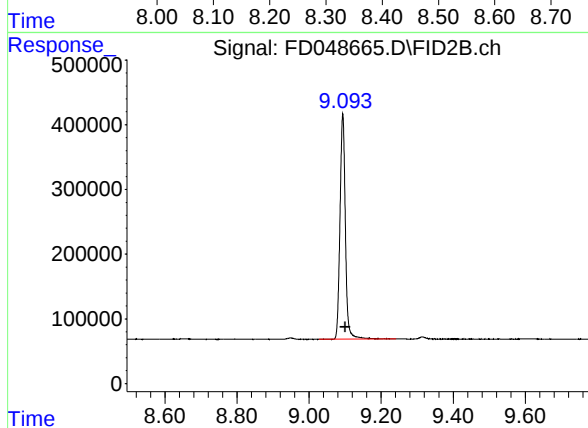
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: -0.010 min
Response: 2116171
Conc: 21.55 ug/ml



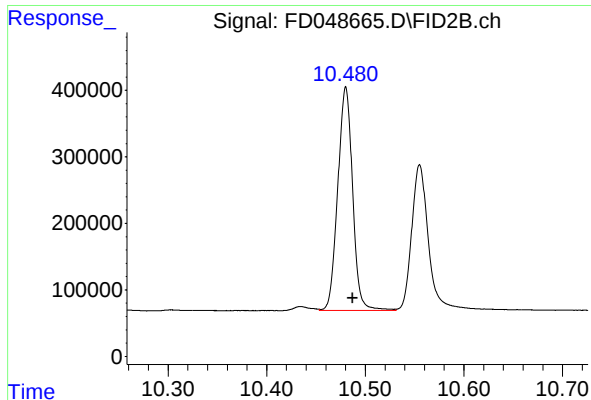
#7 Acenaphthene (C15.5)

R.T.: 8.315 min
Delta R.T.: -0.004 min
Response: 3764671
Conc: 21.23 ug/ml



#8 Flouorene (C16.55)

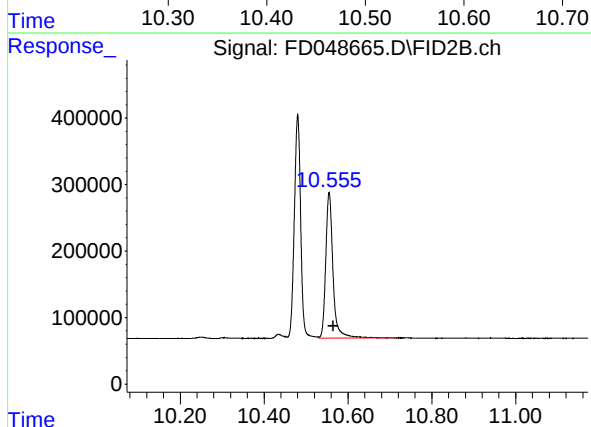
R.T.: 9.094 min
Delta R.T.: -0.007 min
Response: 3611652
Conc: 21.37 ug/ml



#9 Phenanthrene (C19.36)

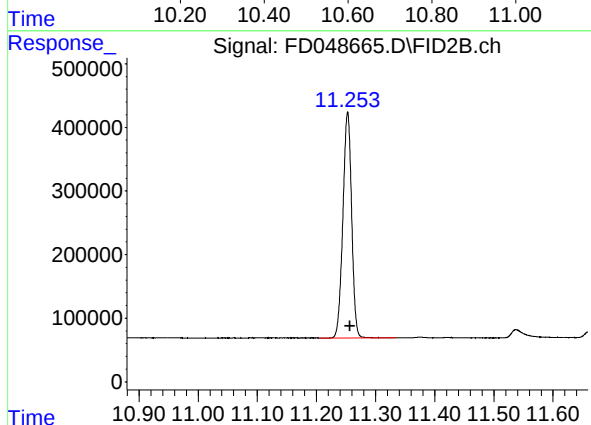
R.T.: 10.480 min
Delta R.T.: -0.007 min
Response: 3513133
Conc: 21.25 ug/ml

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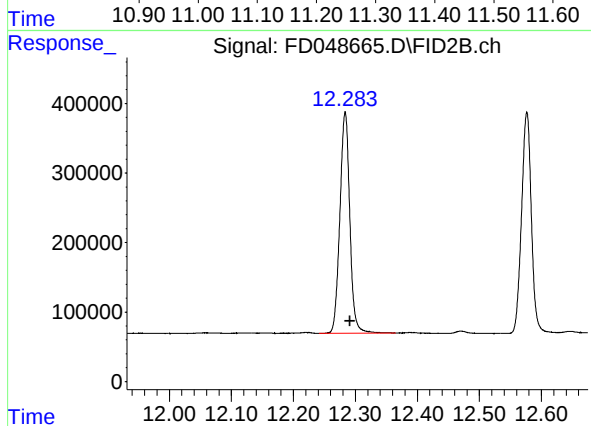
#10 Anthracene (C19.43)

R.T.: 10.555 min
Delta R.T.: -0.009 min
Response: 2625898
Conc: 16.42 ug/ml



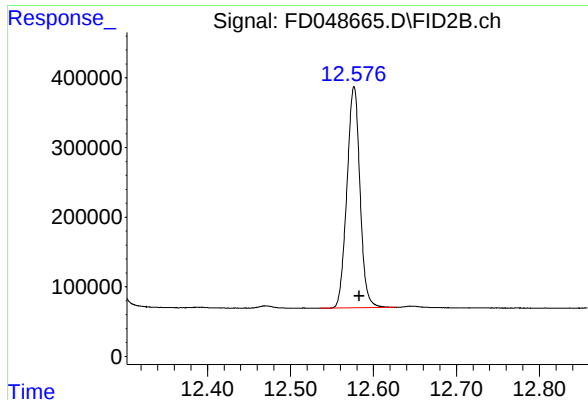
#11 ortho-Terphenyl (SURR)

R.T.: 11.253 min
Delta R.T.: -0.004 min
Response: 3644960
Conc: 21.40 ug/ml



#12 Fluoranthene (C21.85)

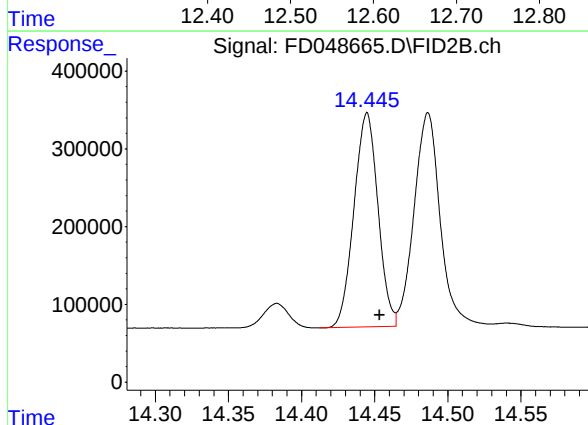
R.T.: 12.284 min
Delta R.T.: -0.008 min
Response: 3539617
Conc: 21.51 ug/ml



#13 Pyrene (C20.8)

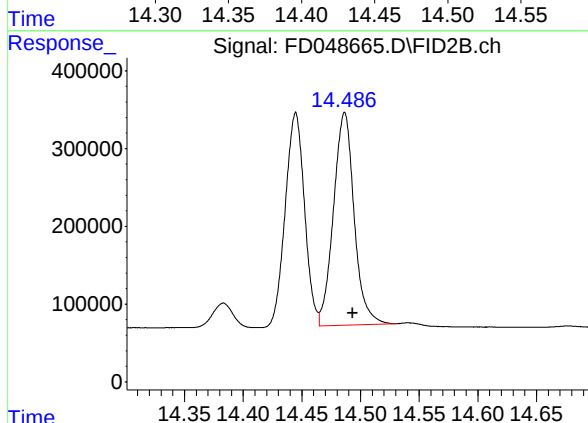
R.T.: 12.576 min
Delta R.T.: -0.007 min
Response: 3481528
Conc: 21.61 ug/ml

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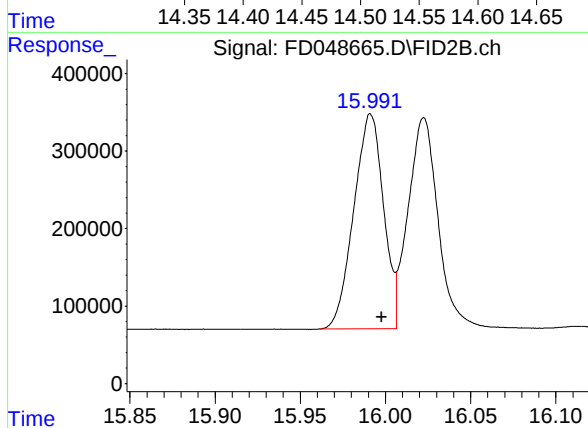
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.445 min
Delta R.T.: -0.009 min
Response: 3142976
Conc: 21.50 ug/ml



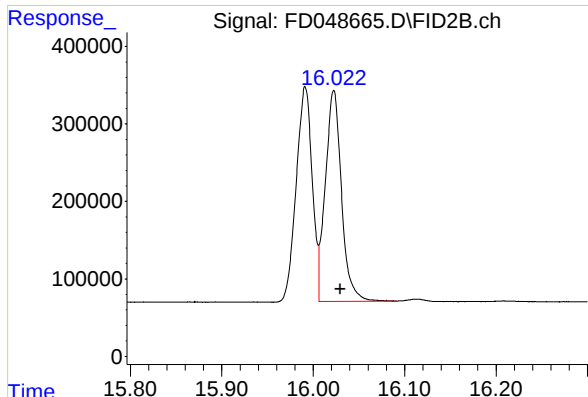
#15 Chrysene (C27.41)

R.T.: 14.486 min
Delta R.T.: -0.007 min
Response: 3353443
Conc: 20.39 ug/ml



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

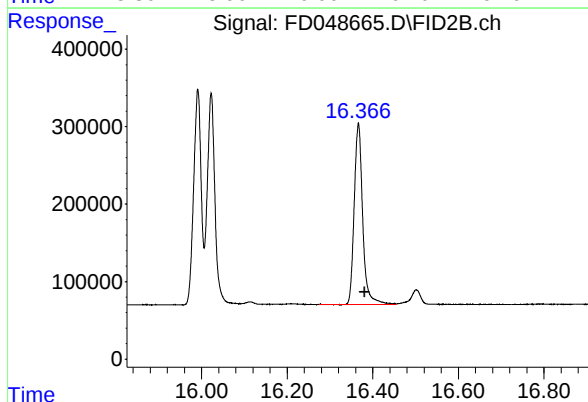
R.T.: 15.991 min
Delta R.T.: -0.007 min
Response: 3366725
Conc: 22.15 ug/ml



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

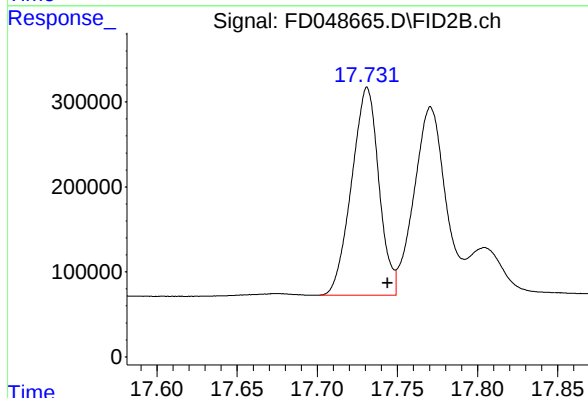
R.T.: 16.022 min
Delta R.T.: -0.007 min
Response: 3352184
Conc: 22.30 ug/ml

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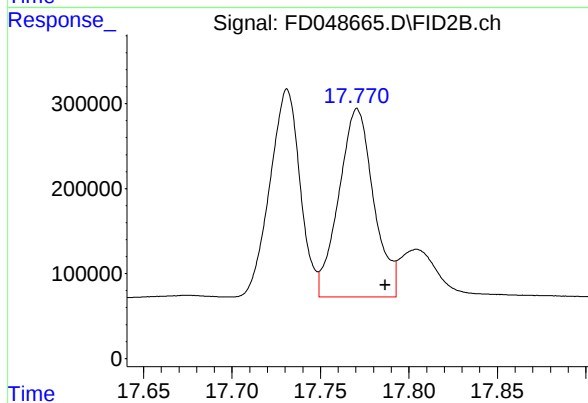
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.366 min
Delta R.T.: -0.014 min
Response: 3223544
Conc: 21.42 ug/ml



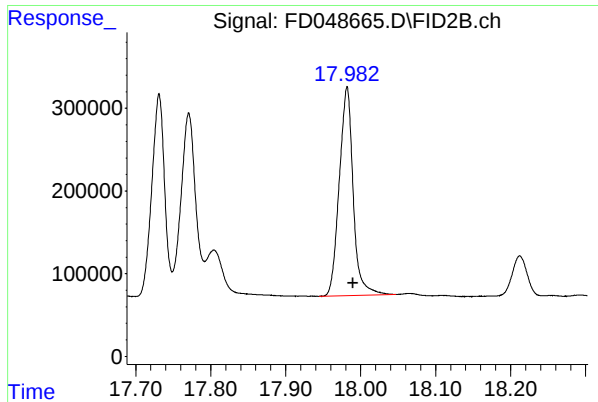
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: -0.013 min
Response: 2899021
Conc: 22.22 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.016 min
Response: 3030770
Conc: 18.62 ug/ml



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

R.T.: 17.982 min
Delta R.T.: -0.008 min
Response: 3245266
Conc: 21.20 ug/ml

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