

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100724AR\
 Data File : FD048432.D
 Signal(s) : FID2B.ch
 Acq On : 07 Oct 2024 12:05
 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: Oct 08 01:22:41 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:17:34 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...	7.380	3362851	20.311 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
6) S 2-Fluorobiphenyl (SURR)	8.231	2178815	21.010 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.02%
11) S ortho-Terphenyl (SURR)	11.265	3802740	20.667 ug/ml
Spiked Amount 50.000		Recovery =	41.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.202	3790048	21.626 ug/ml
2) T Naphthalene (C11.7)	5.721	3951819	21.165 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	3949144	20.896 ug/ml
5) T Acenaphthylene (C15.06)	8.033	3871947	20.183 ug/ml
7) T Acenaphthene (C15.5)	8.327	3945897	20.861 ug/ml
8) T Fluorene (C16.55)	9.105	3782587	20.936 ug/ml
9) T Phenanthrene (C19.36)	10.493	3776188	21.307 ug/ml
10) T Anthracene (C19.43)	10.568	3078362	17.300 ug/ml
12) T Fluoranthene (C21.85)	12.297	3727659	20.609 ug/ml
13) T Pyrene (C20.8)	12.589	3649624	20.381 ug/ml
14) T Benzo[a]anthracene (C...	14.458	3299207	20.644 ug/ml
15) T Chrysene (C27.41)	14.500	3706320	19.870 ug/ml
16) T benzo[b]fluoranthene ...	16.005	3478909	20.889 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	3379294	19.908 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	3358739	20.550 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.744	2802833	21.308 ug/ml
20) T Dibenz[a,h]anthracene...	17.784	3586310	21.432 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	3383856	20.833 ug/ml

(f)=RT Delta > 1/2 Window

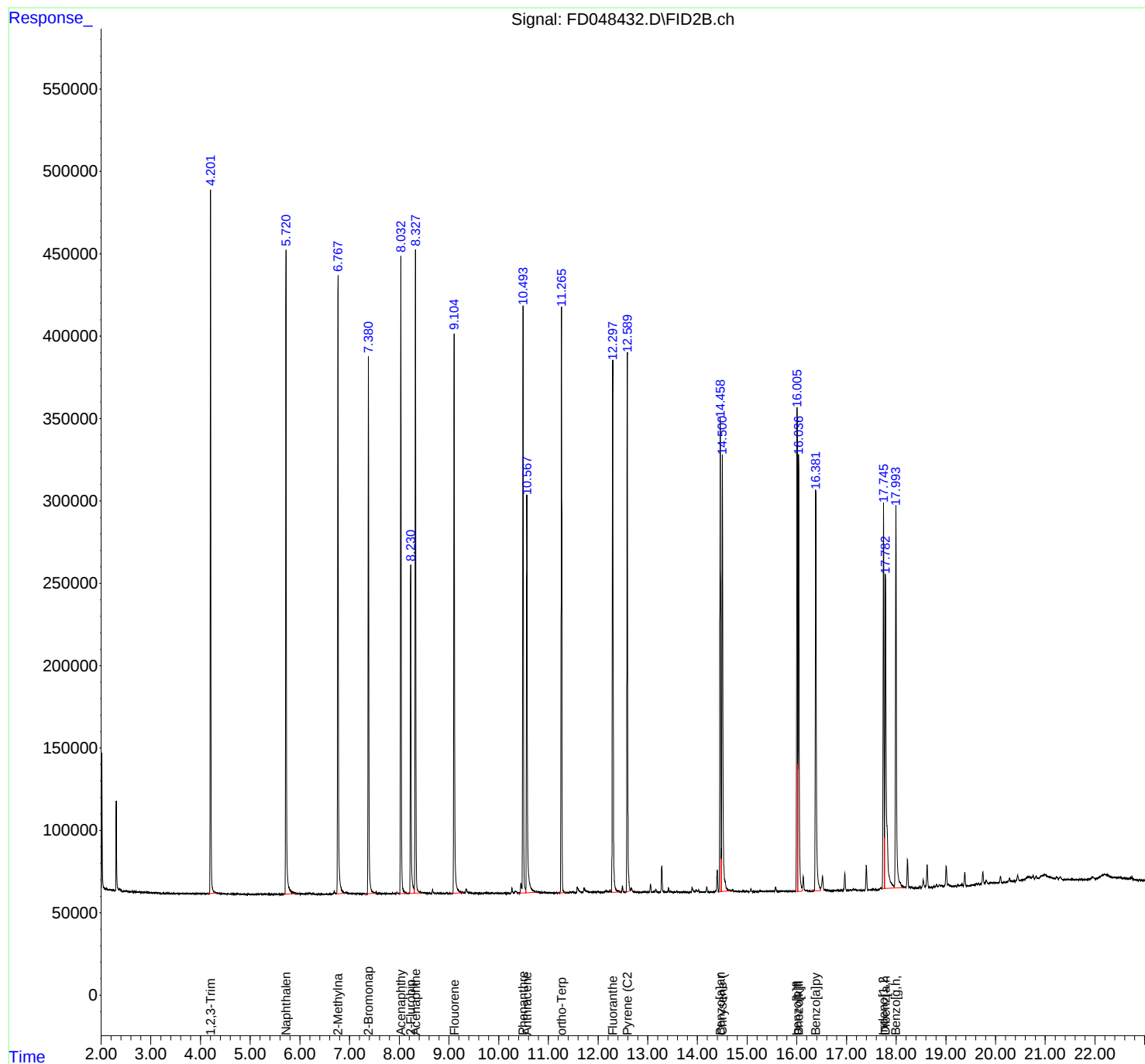
(m)=manual int.

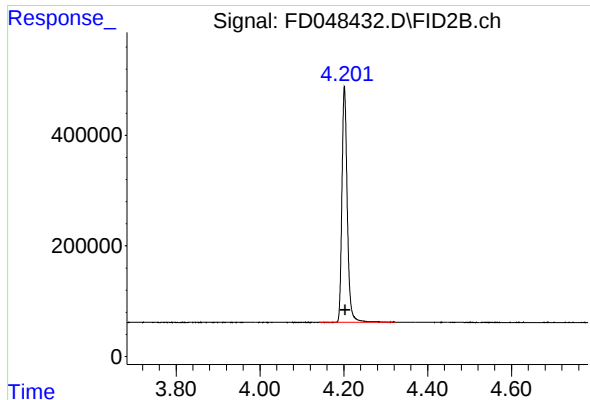
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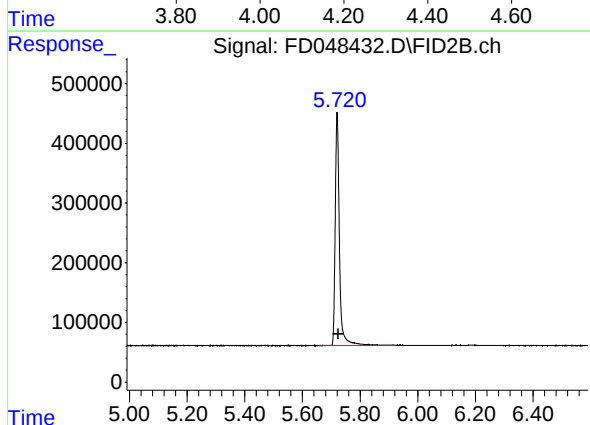




#1 1,2,3-Trimethylbenzene (C10.1)

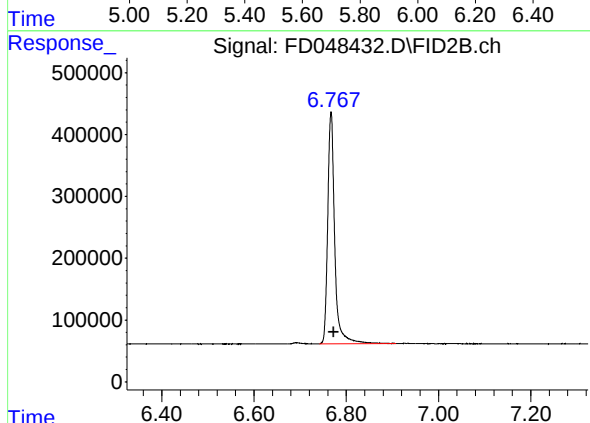
R.T.: 4.202 min
Delta R.T.: -0.002 min
Response: 3790048
Conc: 21.63 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



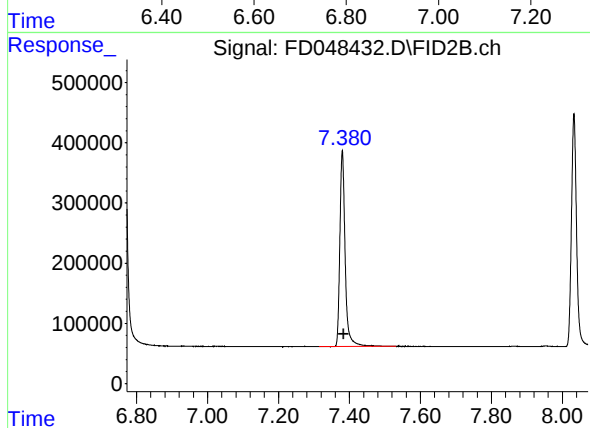
#2 Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: -0.004 min
Response: 3951819
Conc: 21.17 ug/ml



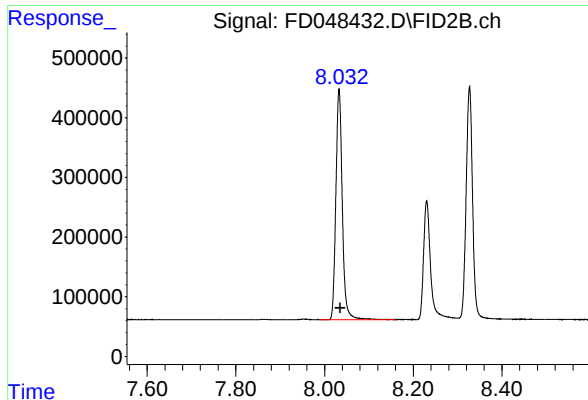
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 3949144
Conc: 20.90 ug/ml



#4 2-Bromonaphthalene (SURR)

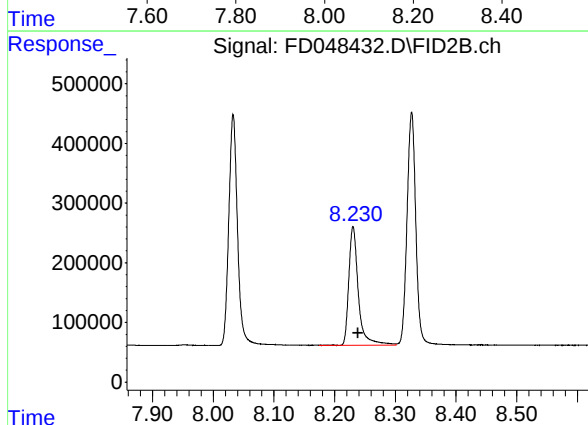
R.T.: 7.380 min
Delta R.T.: -0.004 min
Response: 3362851
Conc: 20.31 ug/ml



#5 Acenaphthylene (C15.06)

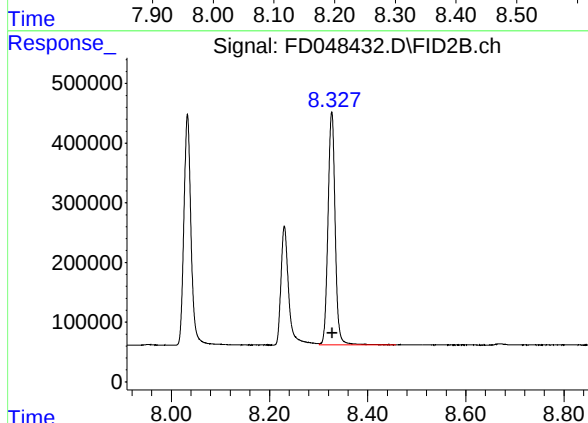
R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 3871947
Conc: 20.18 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



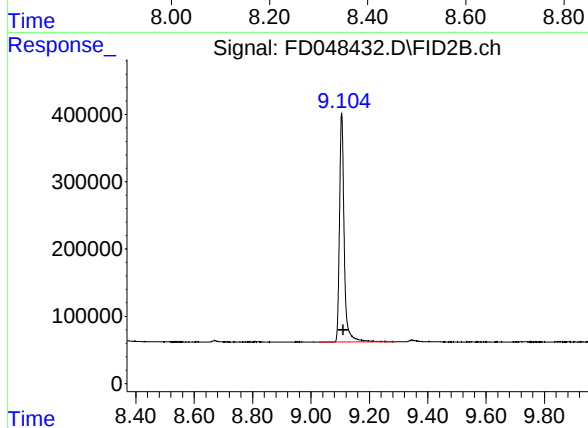
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.008 min
Response: 2178815
Conc: 21.01 ug/ml



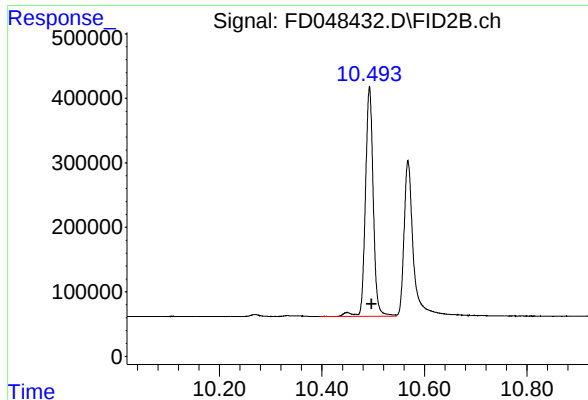
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 3945897
Conc: 20.86 ug/ml



#8 Flouorene (C16.55)

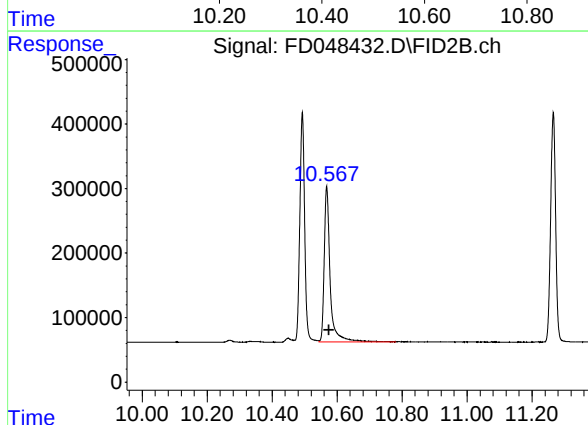
R.T.: 9.105 min
Delta R.T.: -0.006 min
Response: 3782587
Conc: 20.94 ug/ml



#9 Phenanthrene (C19.36)

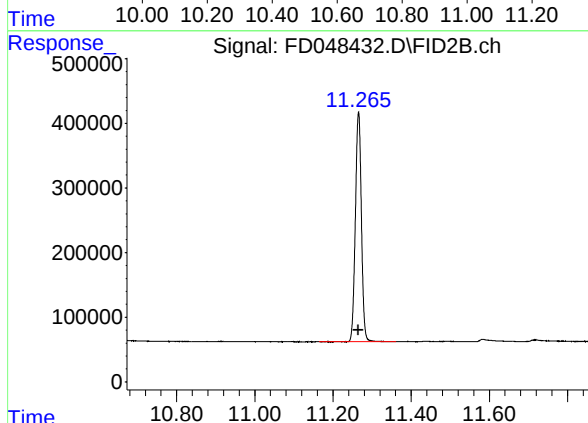
R.T.: 10.493 min
Delta R.T.: -0.004 min
Response: 3776188
Conc: 21.31 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



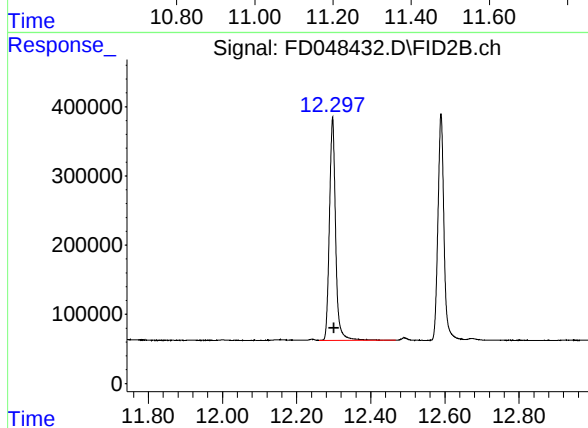
#10 Anthracene (C19.43)

R.T.: 10.568 min
Delta R.T.: -0.007 min
Response: 3078362
Conc: 17.30 ug/ml



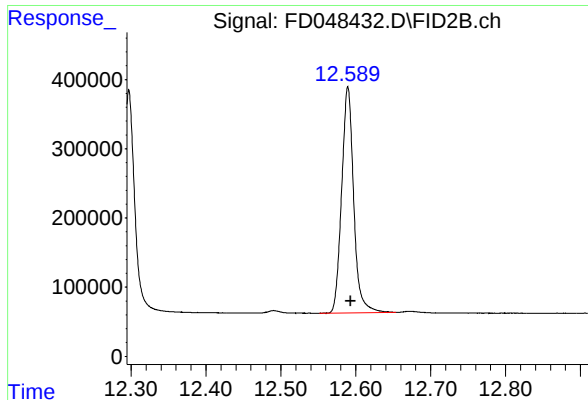
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 3802740
Conc: 20.67 ug/ml



#12 Fluoranthene (C21.85)

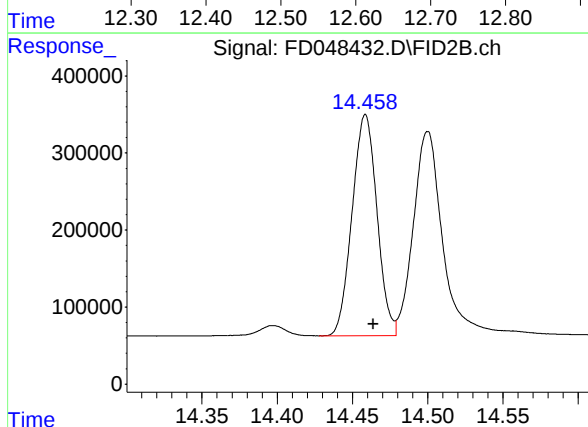
R.T.: 12.297 min
Delta R.T.: -0.005 min
Response: 3727659
Conc: 20.61 ug/ml



#13 Pyrene (C20.8)

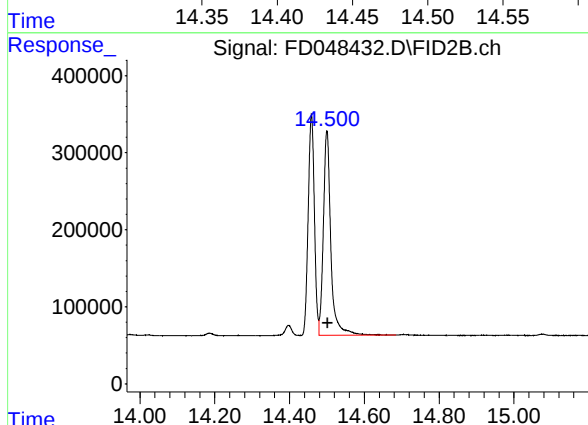
R.T.: 12.589 min
Delta R.T.: -0.004 min
Response: 3649624
Conc: 20.38 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



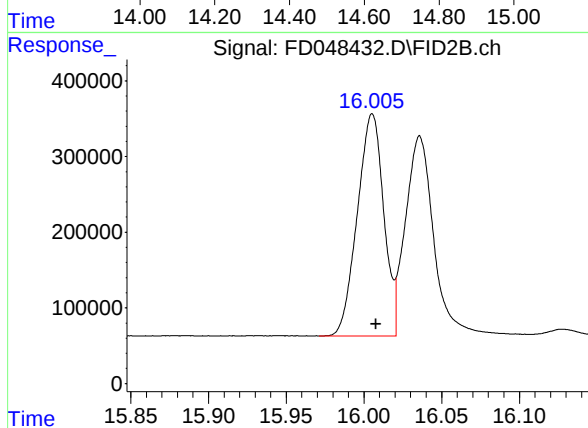
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min
Delta R.T.: -0.005 min
Response: 3299207
Conc: 20.64 ug/ml



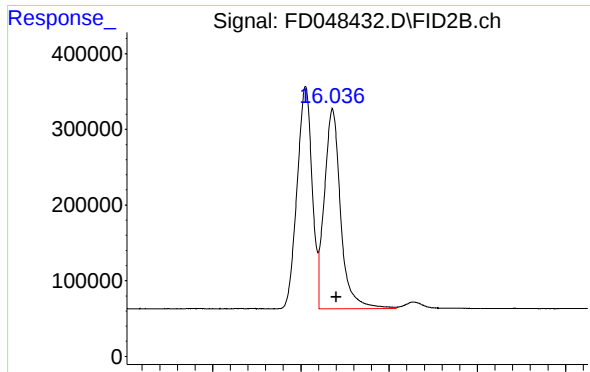
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: -0.002 min
Response: 3706320
Conc: 19.87 ug/ml



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

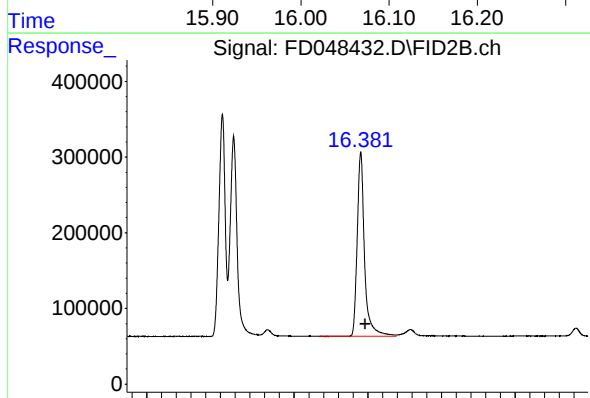
R.T.: 16.005 min
Delta R.T.: -0.003 min
Response: 3478909
Conc: 20.89 ug/ml



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

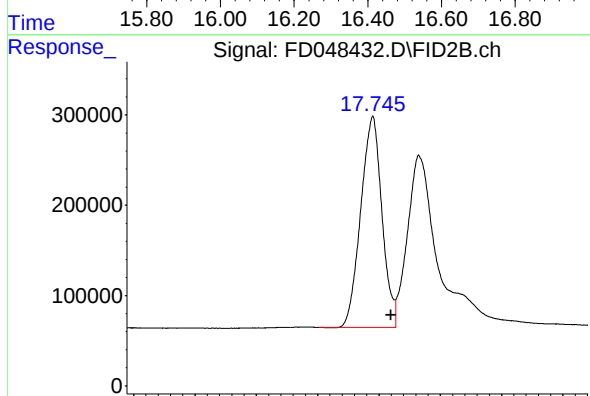
R.T.: 16.036 min
Delta R.T.: -0.005 min
Response: 3379294
Conc: 19.91 ug/ml

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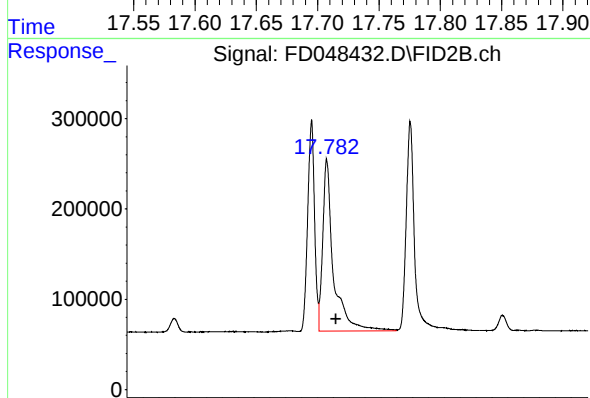
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: -0.012 min
Response: 3358739
Conc: 20.55 ug/ml



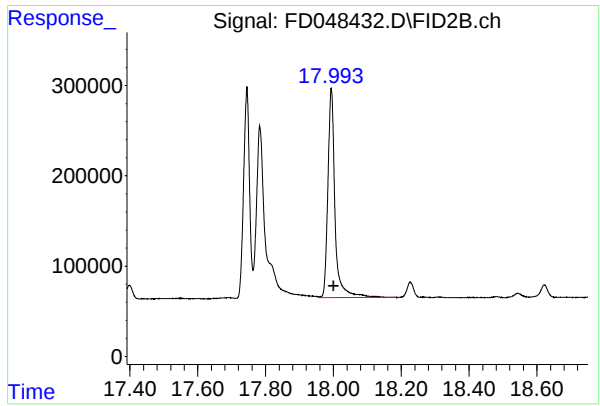
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.744 min
Delta R.T.: -0.016 min
Response: 2802833
Conc: 21.31 ug/ml



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

R.T.: 17.784 min
Delta R.T.: -0.023 min
Response: 3586310
Conc: 21.43 ug/ml



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

R.T.: 17.994 min
Delta R.T.: -0.007 min
Response: 3383856
Conc: 20.83 ug/ml

Instrument :

FID_D

ClientSampleId :

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