

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100224AR\
 Data File : FD048408.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2024 13:32
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Oct 03 03:40:17 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	3212373	19.402 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
6) S 2-Fluorobiphenyl (SURR)	8.231	2080765	20.064 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.13%
11) S ortho-Terphenyl (SURR)	11.266	3616452	19.655 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.202	3567958	20.358 ug/ml
2) T Naphthalene (C11.7)	5.721	3688241	19.754 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	3735182	19.764 ug/ml
5) T Acenaphthylene (C15.06)	8.033	3672700	19.144 ug/ml
7) T Acenaphthene (C15.5)	8.326	3746203	19.805 ug/ml
8) T Fluorene (C16.55)	9.106	3600700	19.929 ug/ml
9) T Phenanthrene (C19.36)	10.493	3569116	20.138 ug/ml
10) T Anthracene (C19.43)	10.569	3000678	16.863 ug/ml
12) T Fluoranthene (C21.85)	12.296	3536814	19.554 ug/ml
13) T Pyrene (C20.8)	12.589	3469248	19.374 ug/ml
14) T Benzo[a]anthracene (C...	14.458	3165118	19.805 ug/ml
15) T Chrysene (C27.41)	14.499	3580182	19.194 ug/ml
16) T benzo[b]fluoranthene ...	16.004	3297058	19.797 ug/ml
17) T Bnezo[k]fluoranthene ...	16.035	3265725	19.239 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.380	3158117	19.322 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	2680260	20.376 ug/ml
20) T Dibenz[a,h]anthracene...	17.783	3393154	20.278 ug/ml
21) T Benzo[g,h,i]perylene ...	17.992	3165539	19.489 ug/ml

(f)=RT Delta > 1/2 Window

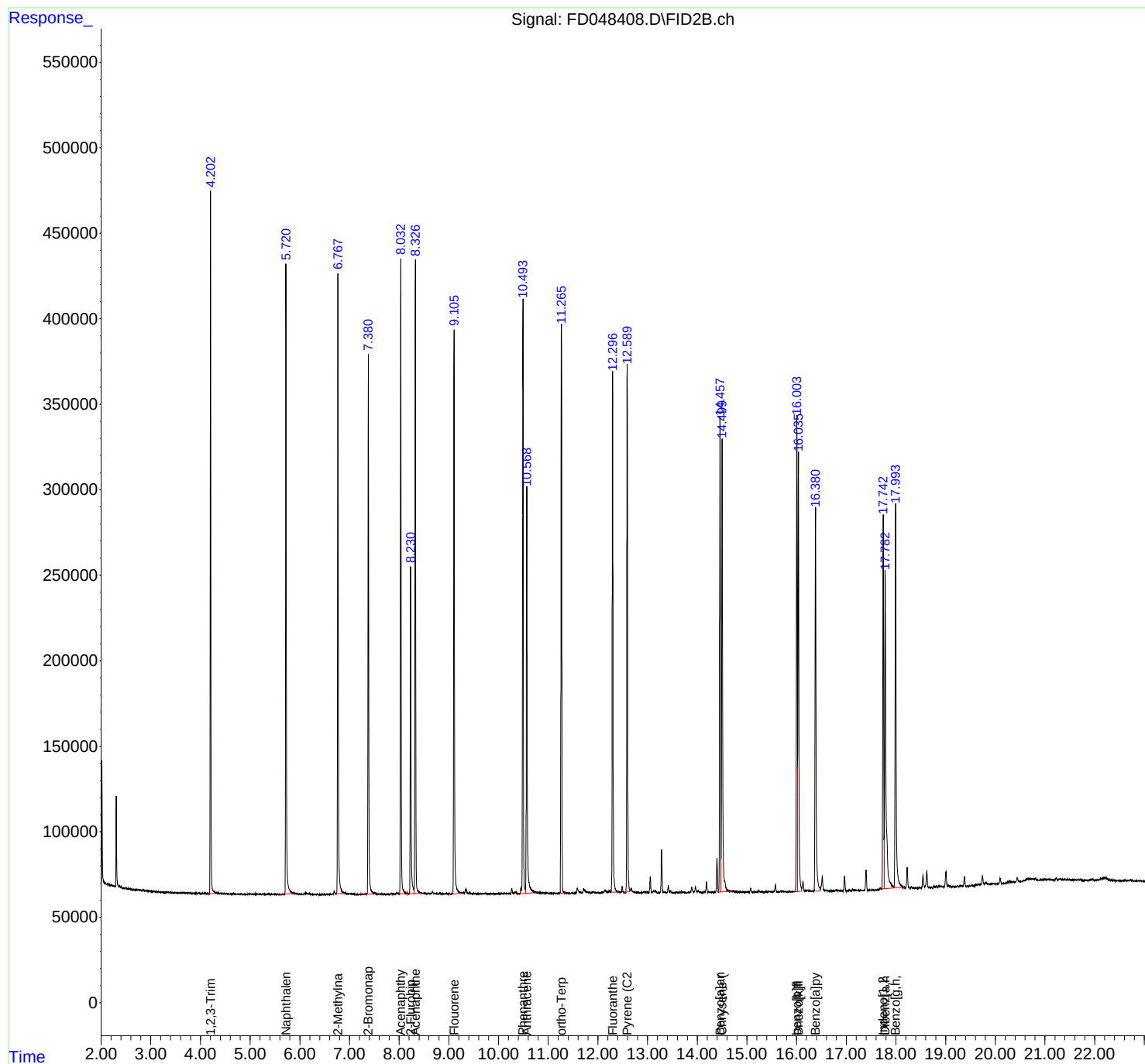
(m)=manual int.

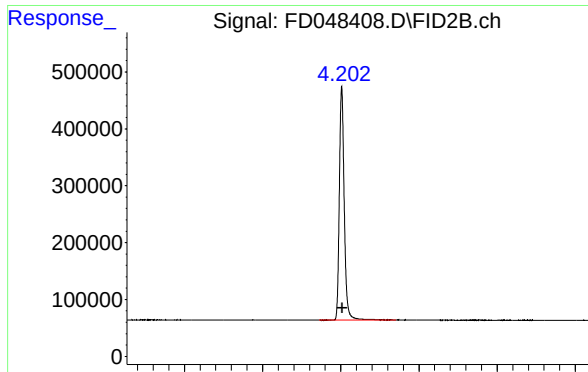
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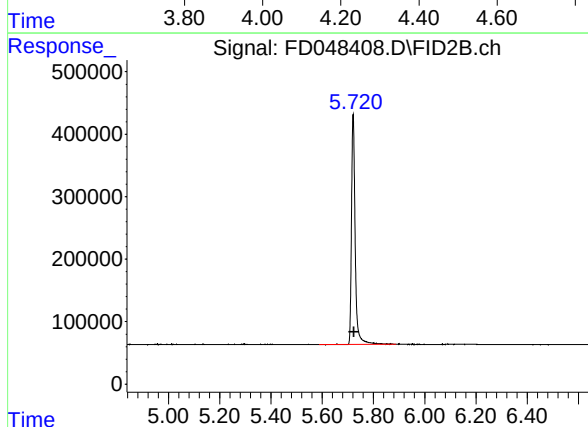




#1 1,2,3-Trimethylbenzene (C10.1)

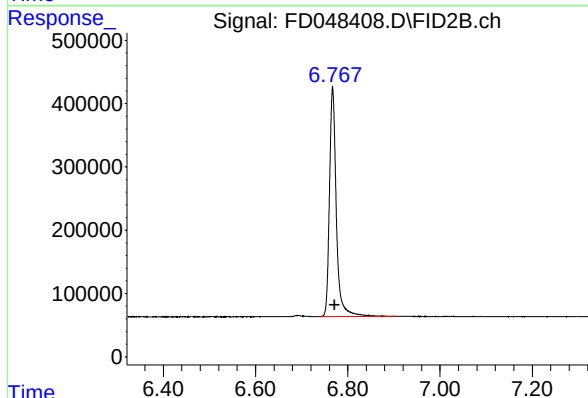
R.T.: 4.202 min
Delta R.T.: -0.002 min
Response: 3567958
Conc: 20.36 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



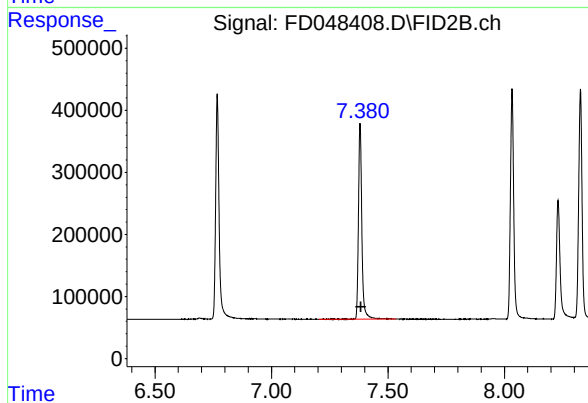
#2 Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: -0.004 min
Response: 3688241
Conc: 19.75 ug/ml



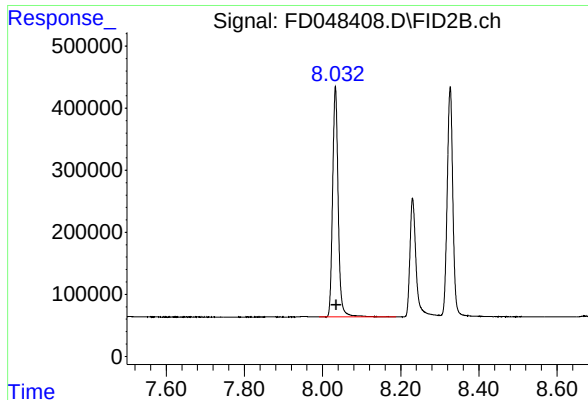
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 3735182
Conc: 19.76 ug/ml



#4 2-Bromonaphthalene (SURR)

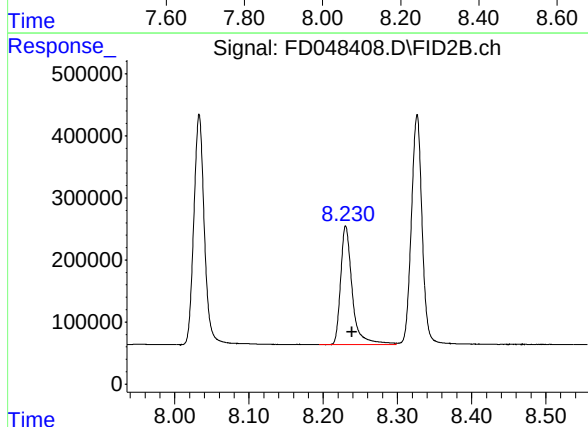
R.T.: 7.380 min
Delta R.T.: -0.004 min
Response: 3212373
Conc: 19.40 ug/ml



#5 Acenaphthylene (C15.06)

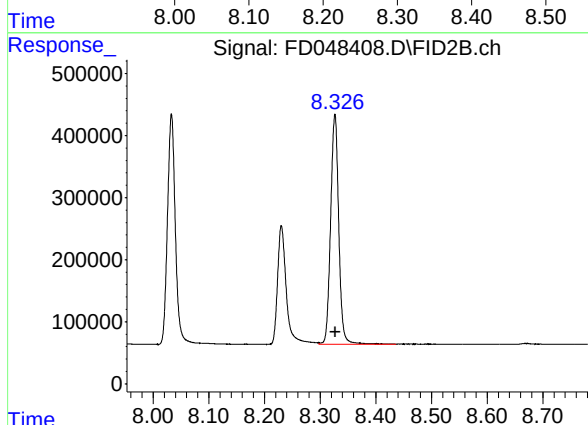
R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 3672700
Conc: 19.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



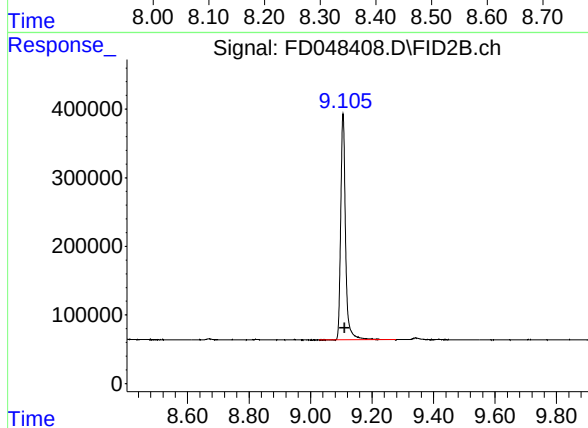
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.008 min
Response: 2080765
Conc: 20.06 ug/ml



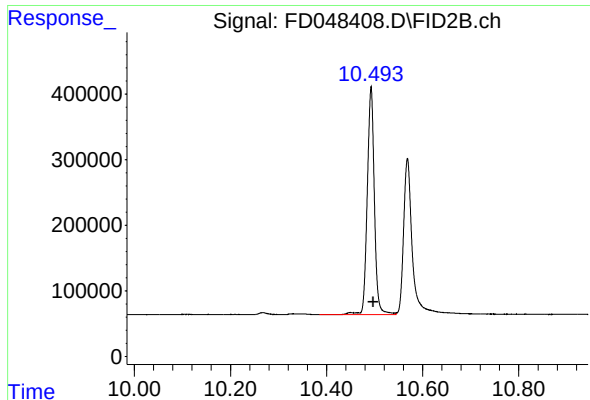
#7 Acenaphthene (C15.5)

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 3746203
Conc: 19.80 ug/ml



#8 Fluorene (C16.55)

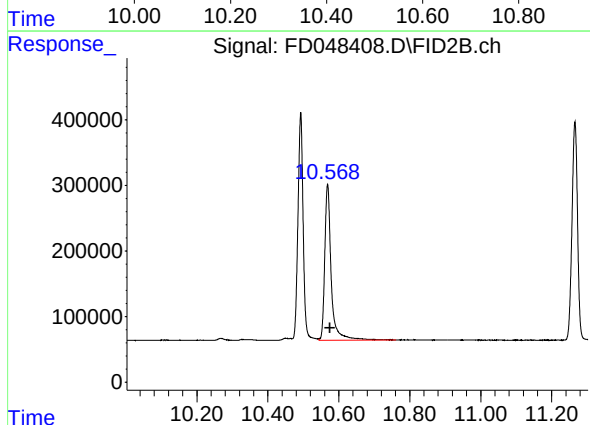
R.T.: 9.106 min
Delta R.T.: -0.005 min
Response: 3600700
Conc: 19.93 ug/ml



#9 Phenanthrene (C19.36)

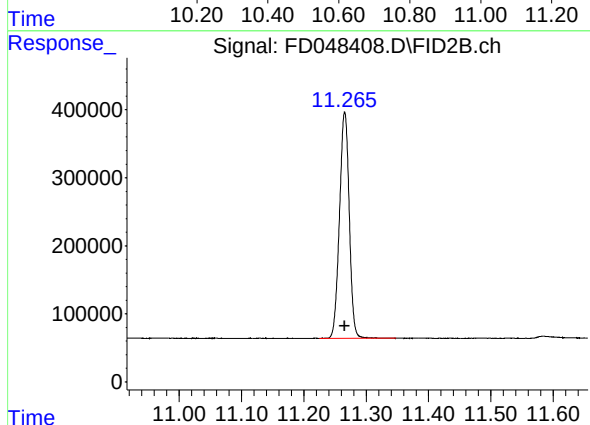
R.T.: 10.493 min
Delta R.T.: -0.004 min
Response: 3569116
Conc: 20.14 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



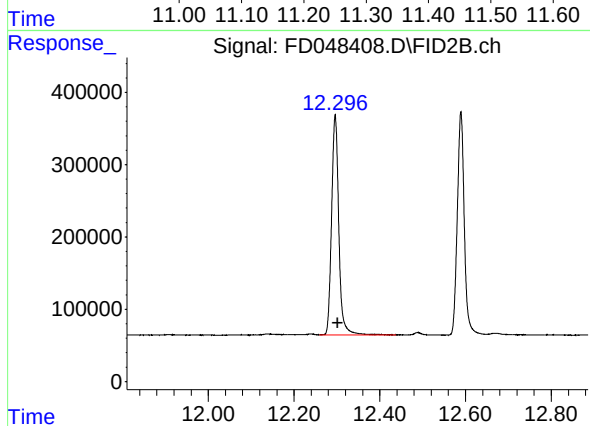
#10 Anthracene (C19.43)

R.T.: 10.569 min
Delta R.T.: -0.007 min
Response: 3000678
Conc: 16.86 ug/ml



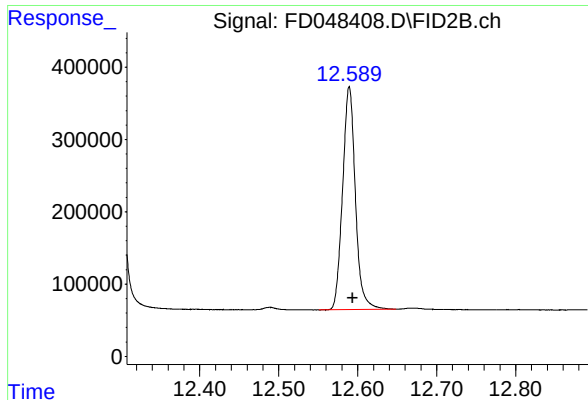
#11 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 3616452
Conc: 19.66 ug/ml



#12 Fluoranthene (C21.85)

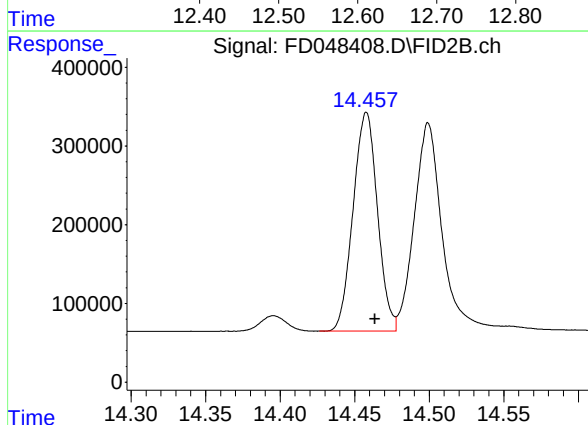
R.T.: 12.296 min
Delta R.T.: -0.005 min
Response: 3536814
Conc: 19.55 ug/ml



#13 Pyrene (C20.8)

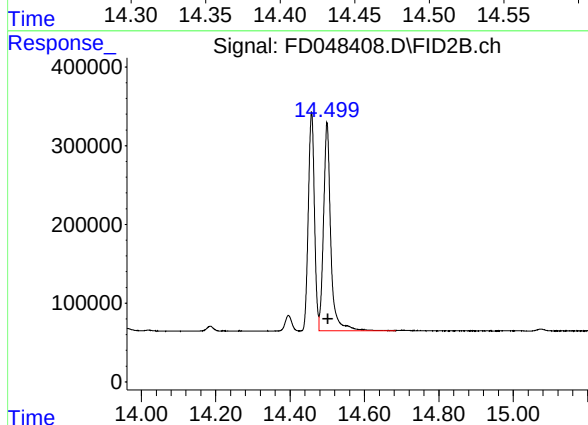
R.T.: 12.589 min
Delta R.T.: -0.004 min
Response: 3469248
Conc: 19.37 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



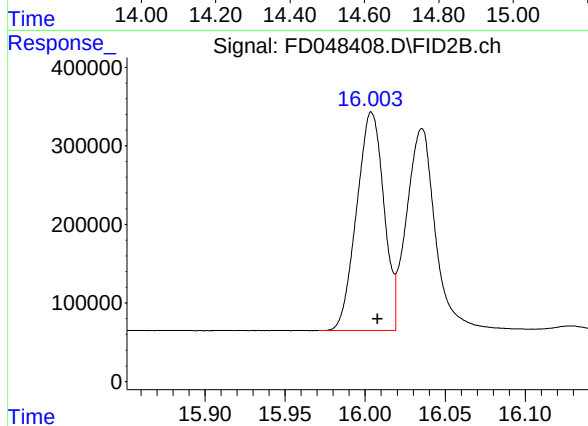
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min
Delta R.T.: -0.006 min
Response: 3165118
Conc: 19.80 ug/ml



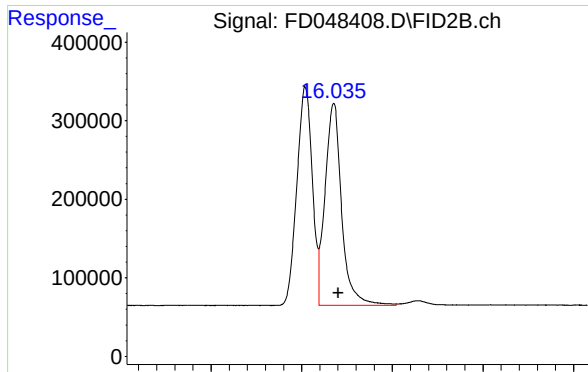
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: -0.003 min
Response: 3580182
Conc: 19.19 ug/ml



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

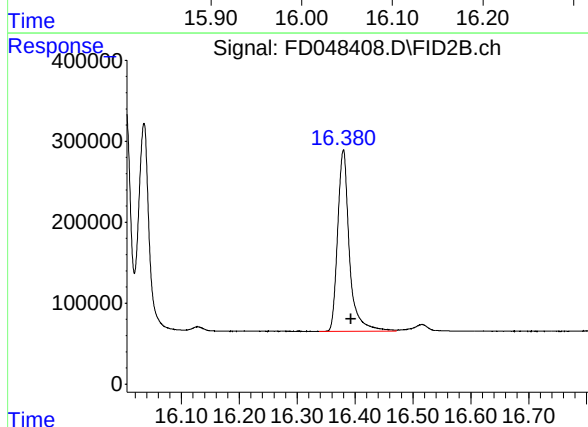
R.T.: 16.004 min
Delta R.T.: -0.004 min
Response: 3297058
Conc: 19.80 ug/ml



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

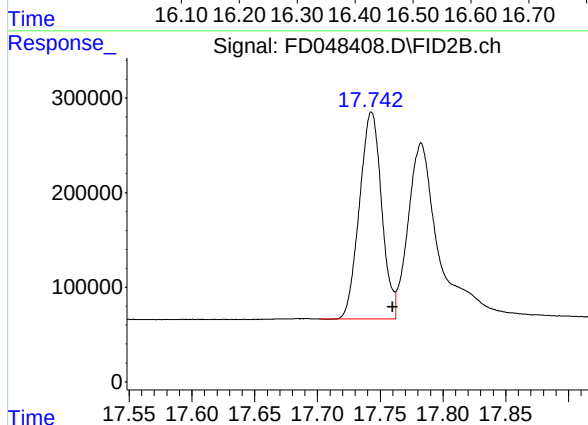
R.T.: 16.035 min
Delta R.T.: -0.005 min
Response: 3265725
Conc: 19.24 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



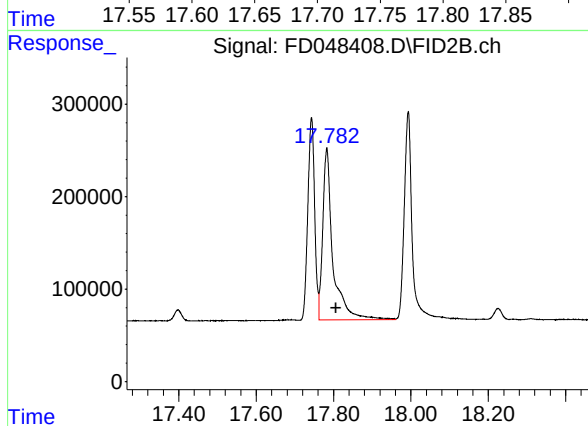
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.380 min
Delta R.T.: -0.013 min
Response: 3158117
Conc: 19.32 ug/ml



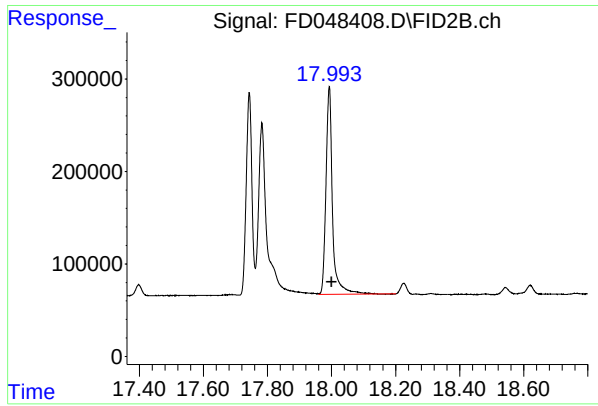
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: -0.017 min
Response: 2680260
Conc: 20.38 ug/ml



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

R.T.: 17.783 min
Delta R.T.: -0.024 min
Response: 3393154
Conc: 20.28 ug/ml



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

R.T.: 17.992 min

Delta R.T.: -0.008 min

Response: 3165539

Conc: 19.49 ug/ml

Instrument :

FID_D

ClientSampleId :

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