

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100724AR\
 Data File : FD048429.D
 Signal(s) : FID2B.ch
 Acq On : 07 Oct 2024 10:12
 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 01:22:18 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	3778689	22.823 ug/ml
Spiked Amount 50.000		Recovery =	45.65%
6) S 2-Fluorobiphenyl (SURR)	8.231	2448538	23.611 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.22%
11) S ortho-Terphenyl (SURR)	11.265	4253917	23.120 ug/ml
Spiked Amount 50.000		Recovery =	46.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.202	4255527	24.282 ug/ml
2) T Naphthalene (C11.7)	5.721	4406864	23.602 ug/ml
3) T 2-Methylnaphthalene (...)	6.767	4433782	23.461 ug/ml
5) T Acenaphthylene (C15.06)	8.033	4339082	22.618 ug/ml
7) T Acenaphthene (C15.5)	8.327	4411672	23.323 ug/ml
8) T Fluorene (C16.55)	9.106	4214101	23.324 ug/ml
9) T Phenanthrene (C19.36)	10.493	4224713	23.837 ug/ml
10) T Anthracene (C19.43)	10.569	3416490	19.200 ug/ml
12) T Fluoranthene (C21.85)	12.296	4158242	22.990 ug/ml
13) T Pyrene (C20.8)	12.590	4075430	22.759 ug/ml
14) T Benzo[a]anthracene (C...	14.458	3688765	23.081 ug/ml
15) T Chrysene (C27.41)	14.500	4117498	22.075 ug/ml
16) T benzo[b]fluoranthene ...	16.004	3840740	23.062 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	3676626	21.659 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.381	3720645	22.764 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	3112273	23.660 ug/mlm
20) T Dibenz[a,h]anthracene...	17.783	3735074	22.321 ug/ml
21) T Benzo[g,h,i]perylene ...	17.994	3655045	22.503 ug/ml

(f)=RT Delta > 1/2 Window

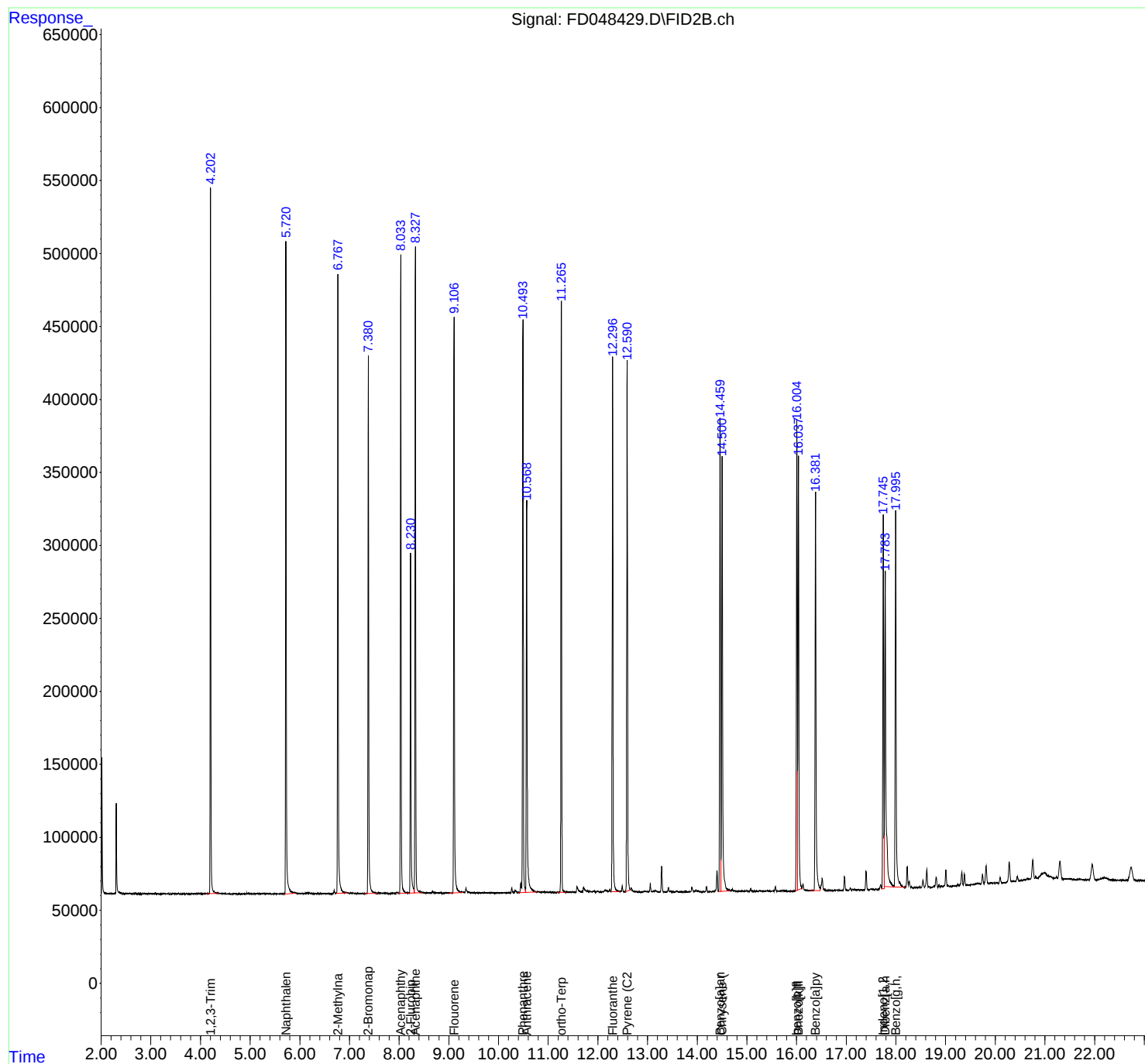
(m)=manual int.

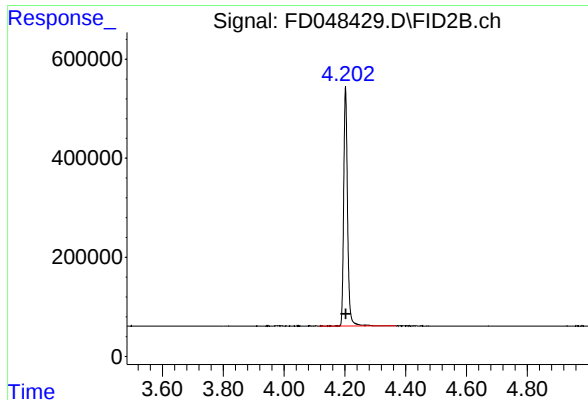
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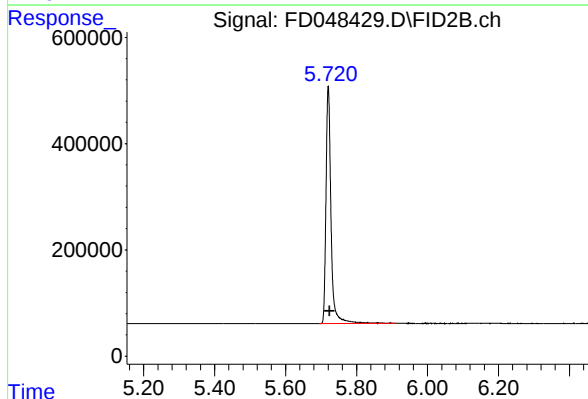




#1 1,2,3-Trimethylbenzene (C10.1)

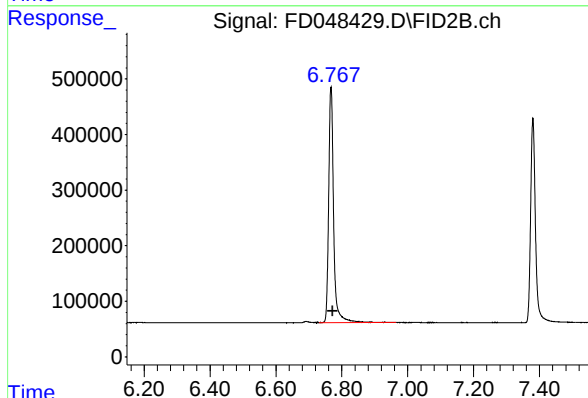
R.T.: 4.202 min
Delta R.T.: -0.002 min
Response: 4255527
Conc: 24.28 ug/ml

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20 PPM AROMATIC HC STD



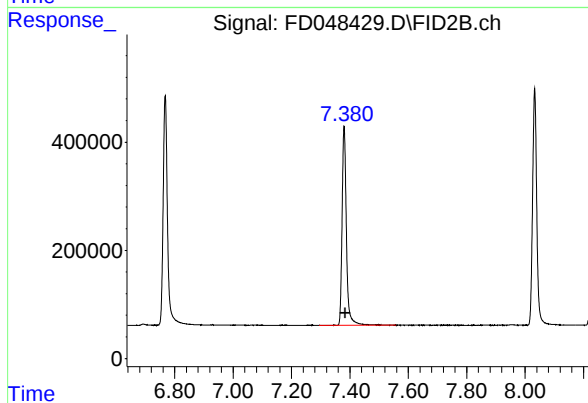
#2 Naphthalene (C11.7)

R.T.: 5.721 min
Delta R.T.: -0.004 min
Response: 4406864
Conc: 23.60 ug/ml



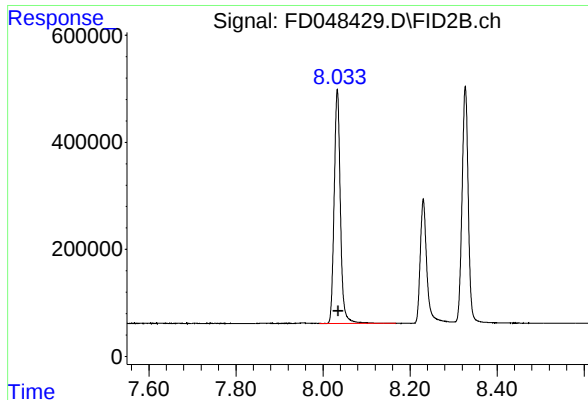
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.767 min
Delta R.T.: -0.005 min
Response: 4433782
Conc: 23.46 ug/ml



#4 2-Bromonaphthalene (SURR)

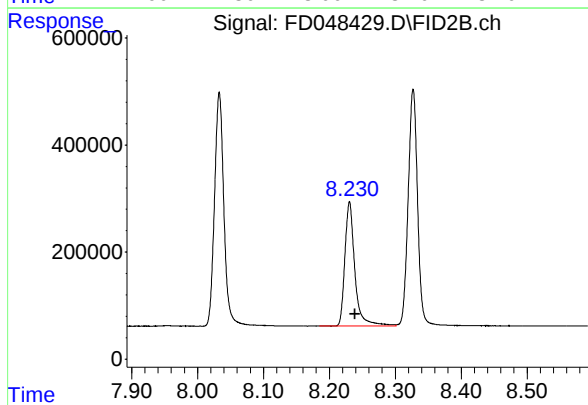
R.T.: 7.380 min
Delta R.T.: -0.004 min
Response: 3778689
Conc: 22.82 ug/ml



#5 Acenaphthylene (C15.06)

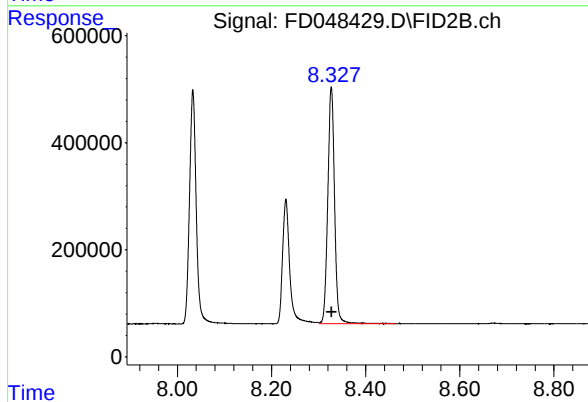
R.T.: 8.033 min
Delta R.T.: -0.002 min
Response: 4339082
Conc: 22.62 ug/ml

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20 PPM AROMATIC HC STD



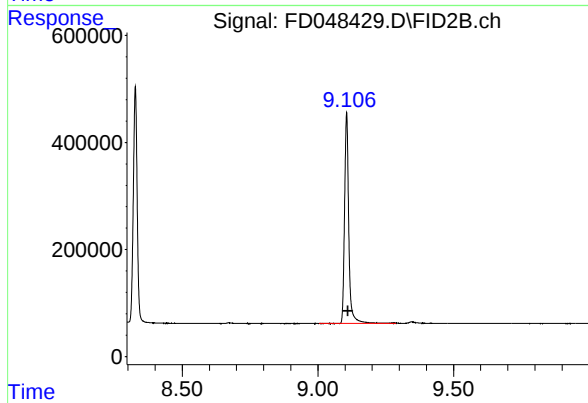
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.231 min
Delta R.T.: -0.008 min
Response: 2448538
Conc: 23.61 ug/ml



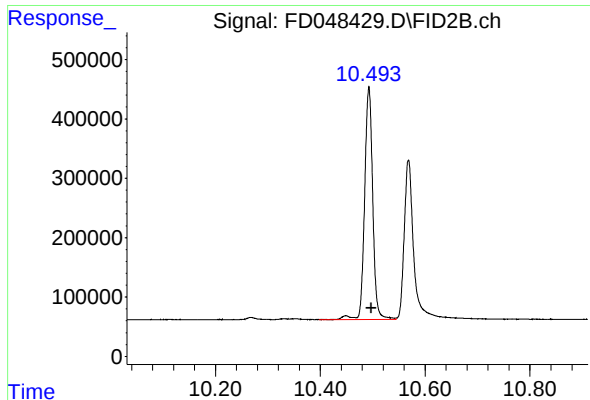
#7 Acenaphthene (C15.5)

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 4411672
Conc: 23.32 ug/ml



#8 Flouorene (C16.55)

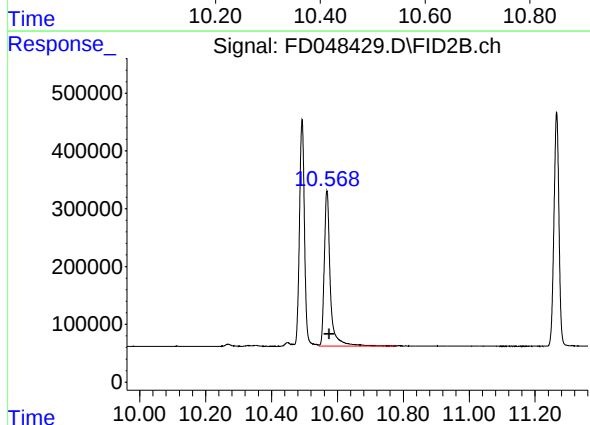
R.T.: 9.106 min
Delta R.T.: -0.005 min
Response: 4214101
Conc: 23.32 ug/ml



#9 Phenanthrene (C19.36)

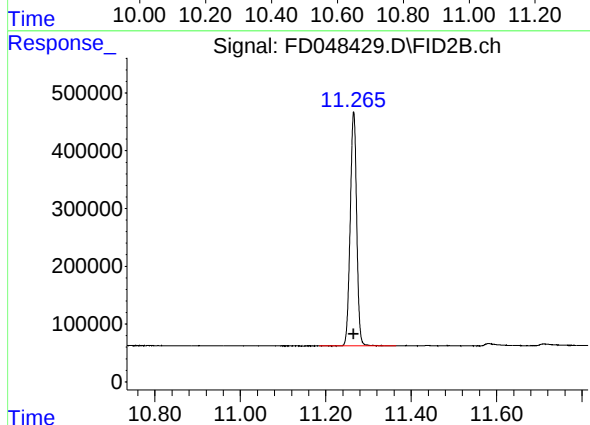
R.T.: 10.493 min
Delta R.T.: -0.004 min
Response: 4224713
Conc: 23.84 ug/ml

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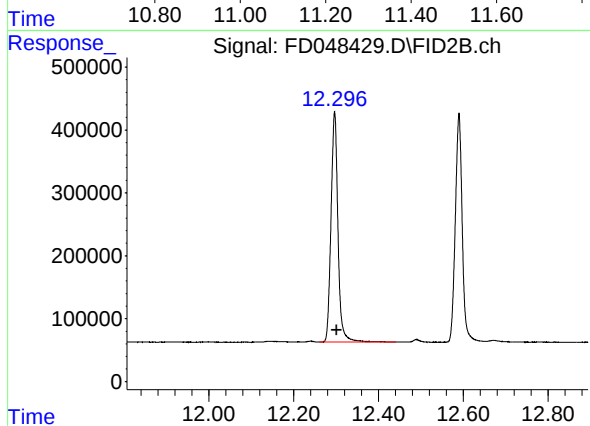
#10 Anthracene (C19.43)

R.T.: 10.569 min
Delta R.T.: -0.007 min
Response: 3416490
Conc: 19.20 ug/ml



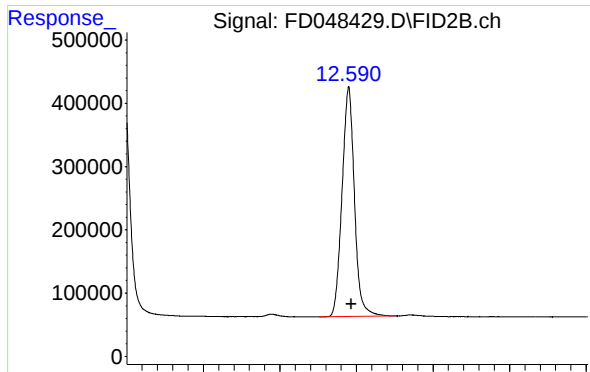
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: 0.000 min
Response: 4253917
Conc: 23.12 ug/ml



#12 Fluoranthene (C21.85)

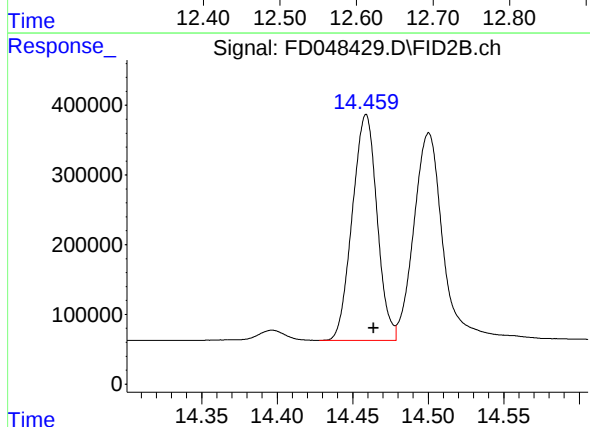
R.T.: 12.296 min
Delta R.T.: -0.005 min
Response: 4158242
Conc: 22.99 ug/ml



#13 Pyrene (C20.8)

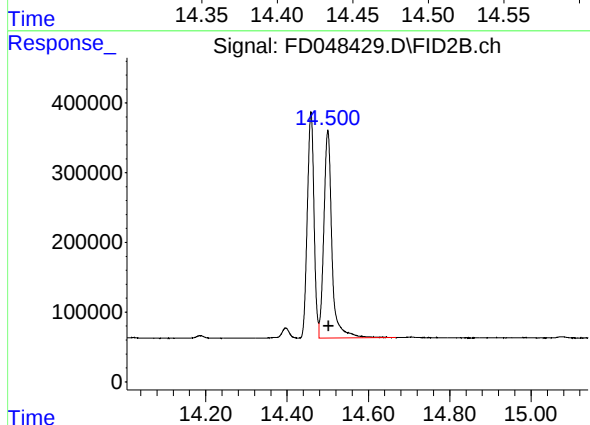
R.T.: 12.590 min
Delta R.T.: -0.004 min
Response: 4075430
Conc: 22.76 ug/ml

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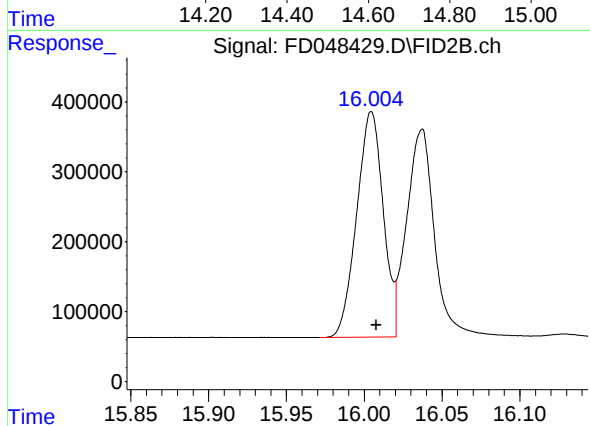
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.458 min
Delta R.T.: -0.005 min
Response: 3688765
Conc: 23.08 ug/ml



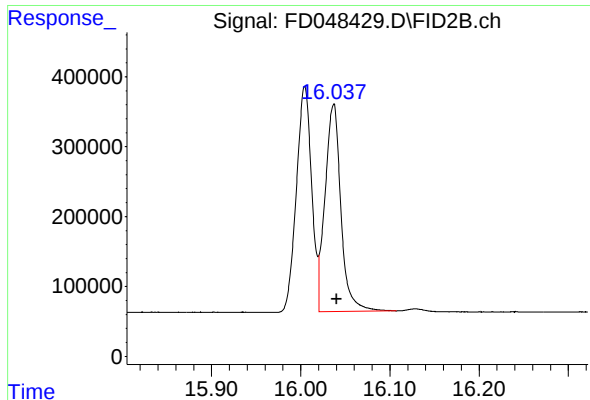
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: -0.002 min
Response: 4117498
Conc: 22.07 ug/ml



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

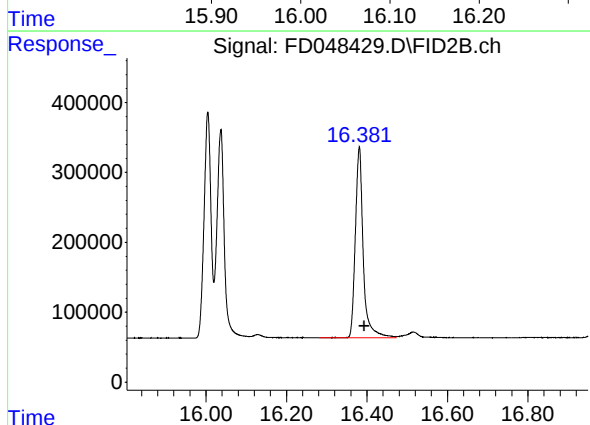
R.T.: 16.004 min
Delta R.T.: -0.004 min
Response: 3840740
Conc: 23.06 ug/ml



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

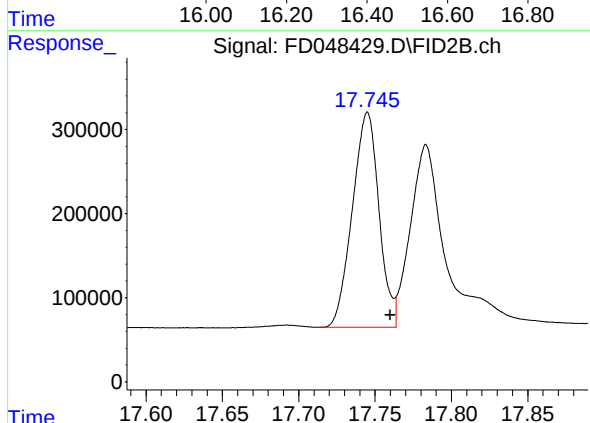
R.T.: 16.036 min
Delta R.T.: -0.004 min
Response: 3676626
Conc: 21.66 ug/ml

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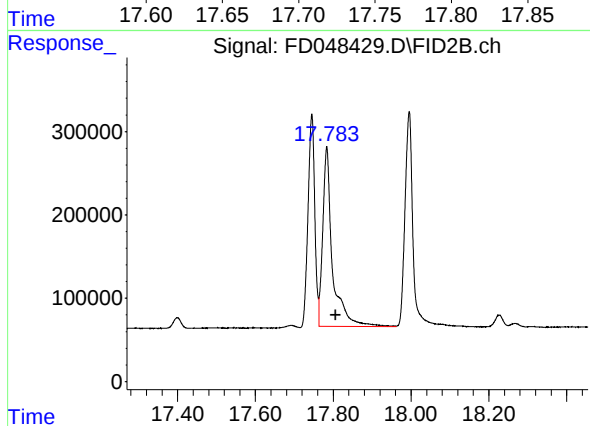
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.381 min
Delta R.T.: -0.012 min
Response: 3720645
Conc: 22.76 ug/ml



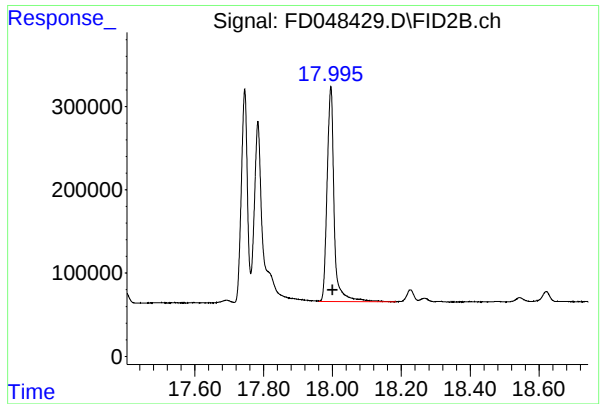
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: -0.015 min
Response: 3112273
Conc: 23.66 ug/ml m



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

R.T.: 17.783 min
Delta R.T.: -0.023 min
Response: 3735074
Conc: 22.32 ug/ml



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

R.T.: 17.994 min
Delta R.T.: -0.006 min
Response: 3655045
Conc: 22.50 ug/ml

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