

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112023AR\
 Data File : FD046918.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2023 01:40
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2023
 Supervised By :Ankita Jodhani 11/21/2023

Integration File: autoint1.e
 Quant Time: Nov 21 03:04:35 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.477	3664037	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
6) S 2-Fluorobiphenyl (SURR)	8.329	2441517	20.747 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.49%
11) S ortho-Terphenyl (SURR)	11.366	4445646	20.994 ug/ml
Spiked Amount 50.000		Recovery =	41.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.291	3742674	19.380 ug/ml
2) T Naphthalene (C11.7)	5.816	3957794	19.765 ug/ml
3) T 2-Methylnaphthalene (...)	6.864	4029509	20.049 ug/ml
5) T Acenaphthylene (C15.06)	8.133	3758718	20.436 ug/ml
7) T Acenaphthene (C15.5)	8.428	3994229	20.391 ug/ml
8) T Flouorene (C16.55)	9.206	3877682	20.964 ug/ml
9) T Phenanthrene (C19.36)	10.594	3796757	21.341 ug/ml
10) T Anthracene (C19.43)	10.669	3610755	21.188 ug/ml
12) T Fluoranthene (C21.85)	12.398	3757435	21.756 ug/ml
13) T Pyrene (C20.8)	12.691	3675022	22.102 ug/ml
14) T Benzo[a]anthracene (C...	14.554	3047482	21.661 ug/ml
15) T Chrysene (C27.41)	14.595	3237908	20.762 ug/ml
16) T benzo[b]fluoranthene ...	16.095	3155266	22.045 ug/ml
17) T Bnezo[k]fluoranthene ...	16.127	3199943	21.857 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	3033244	21.640 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	2753921	21.800 ug/mlm
20) T Dibenz[a,h]anthracene...	17.867	2780283	19.902 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.078	3005699	21.527 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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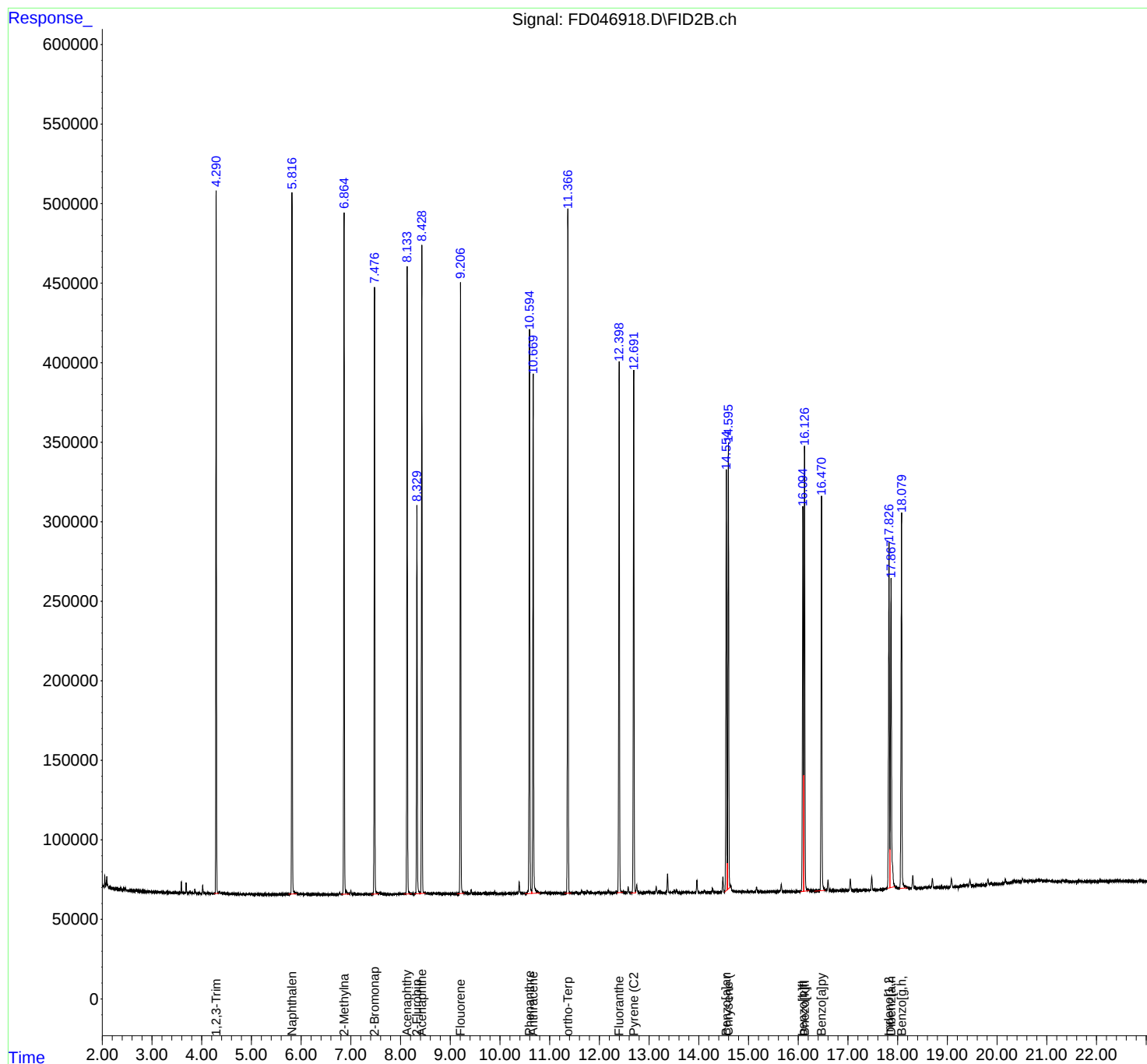
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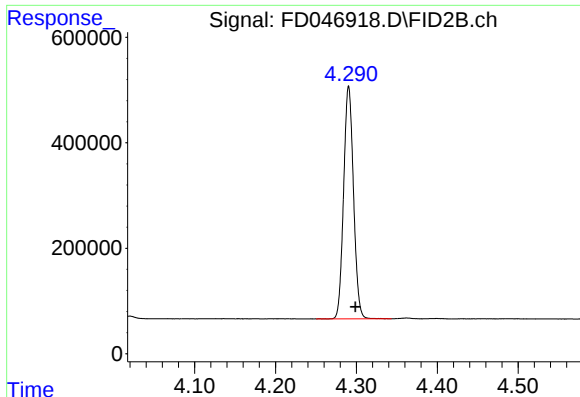
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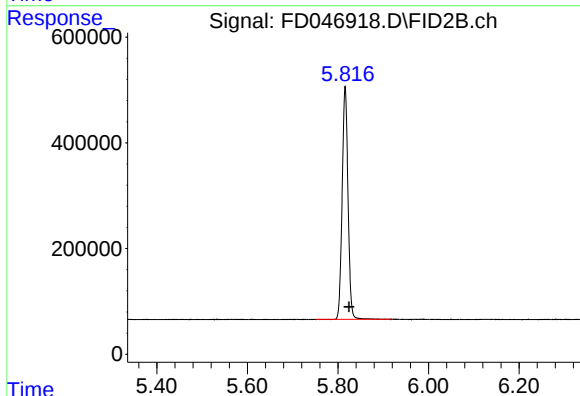
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.291 min
Delta R.T.: -0.008 min
Response: 3742674
Conc: 19.38 ug/ml

Instrument :
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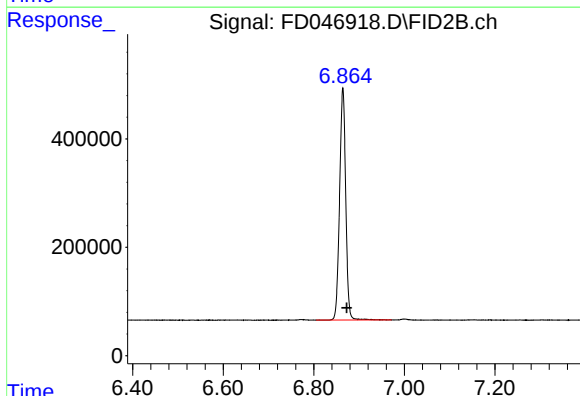
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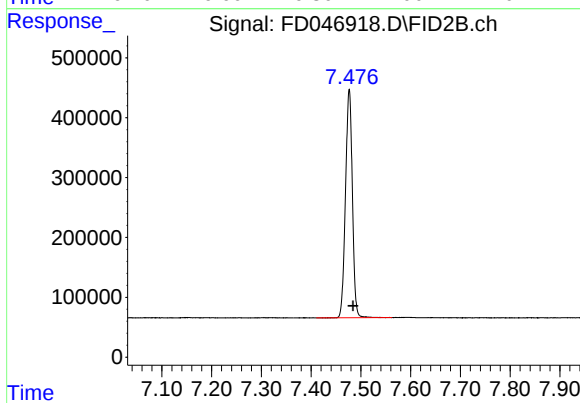
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: -0.009 min
Response: 3957794
Conc: 19.76 ug/ml



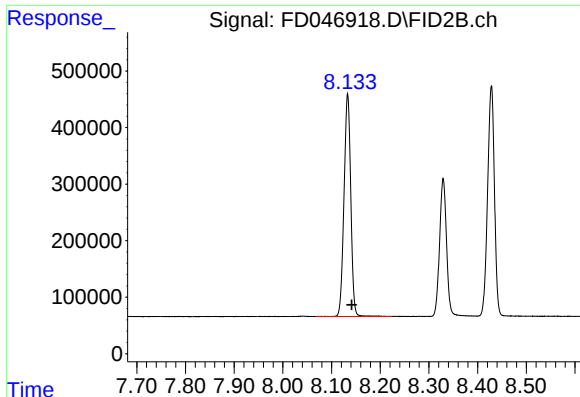
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.864 min
Delta R.T.: -0.009 min
Response: 4029509
Conc: 20.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.477 min
Delta R.T.: -0.008 min
Response: 3664037
Conc: 20.09 ug/ml



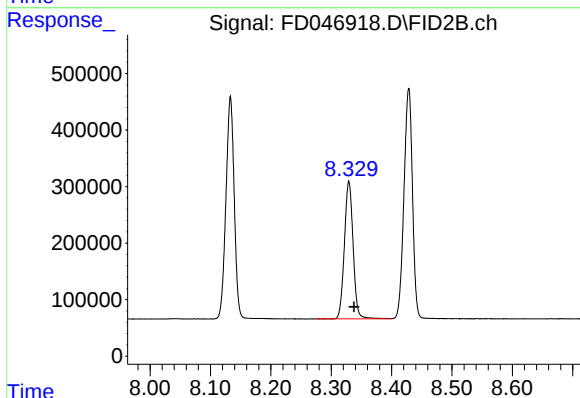
#5 Acenaphthylene (C15.06)

R.T.: 8.133 min
Delta R.T.: -0.009 min
Response: 3758718
Conc: 20.44 ug/ml

Instrument :
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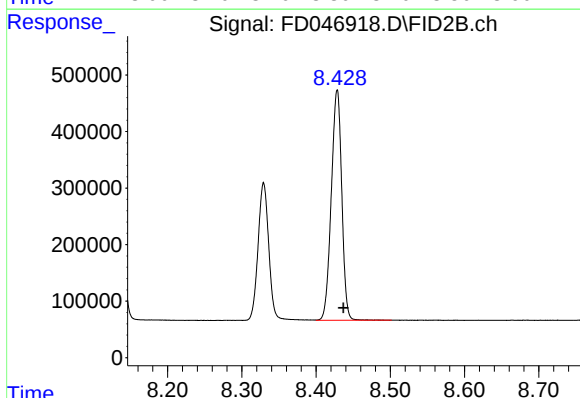
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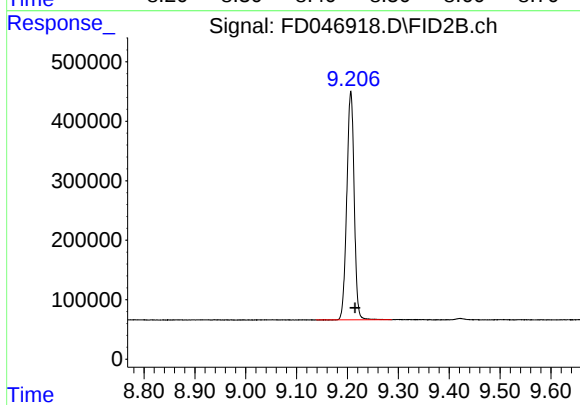
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.329 min
Delta R.T.: -0.009 min
Response: 2441517
Conc: 20.75 ug/ml



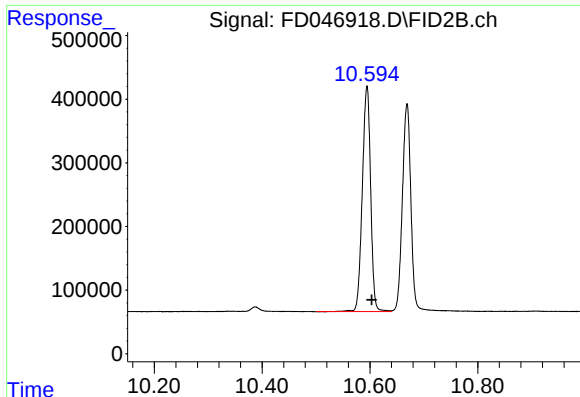
#7 Acenaphthene (C15.5)

R.T.: 8.428 min
Delta R.T.: -0.009 min
Response: 3994229
Conc: 20.39 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.206 min
Delta R.T.: -0.008 min
Response: 3877682
Conc: 20.96 ug/ml



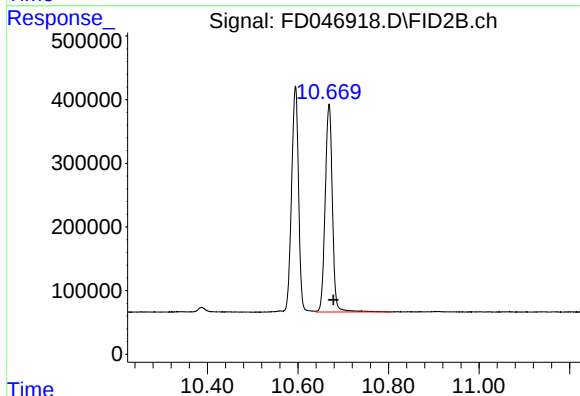
#9 Phenanthrene (C19.36)

R.T.: 10.594 min
Delta R.T.: -0.009 min
Response: 3796757
Conc: 21.34 ug/ml

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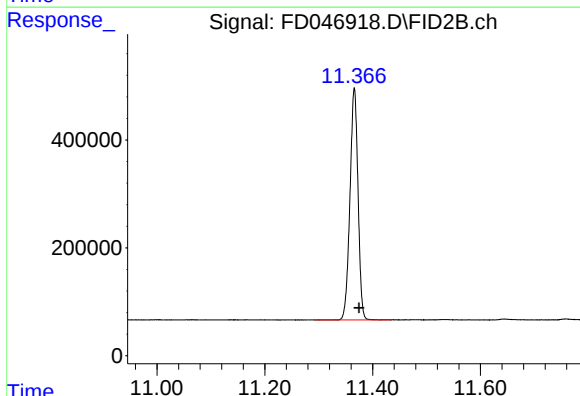
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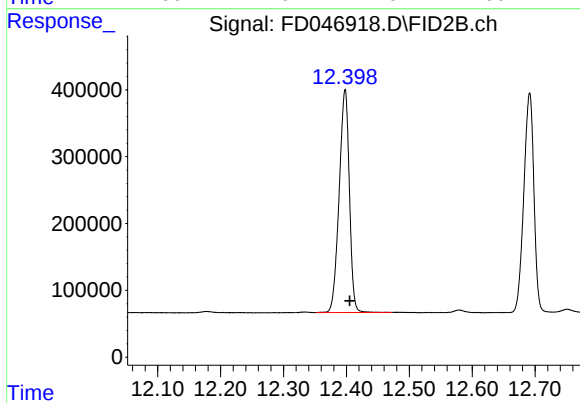
#10 Anthracene (C19.43)

R.T.: 10.669 min
Delta R.T.: -0.009 min
Response: 3610755
Conc: 21.19 ug/ml



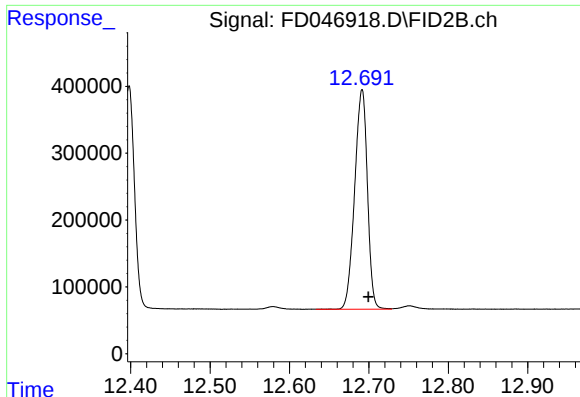
#11 ortho-Terphenyl (SURR)

R.T.: 11.366 min
Delta R.T.: -0.009 min
Response: 4445646
Conc: 20.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.398 min
Delta R.T.: -0.008 min
Response: 3757435
Conc: 21.76 ug/ml



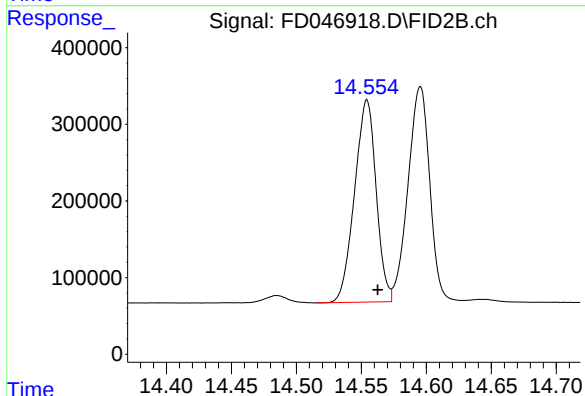
#13 Pyrene (C20.8)

R.T.: 12.691 min
Delta R.T.: -0.008 min
Response: 3675022
Conc: 22.10 ug/ml

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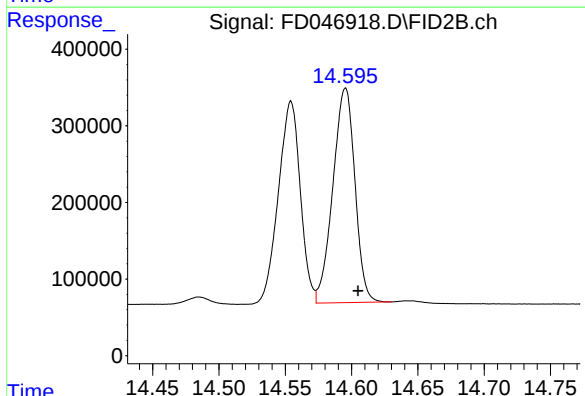
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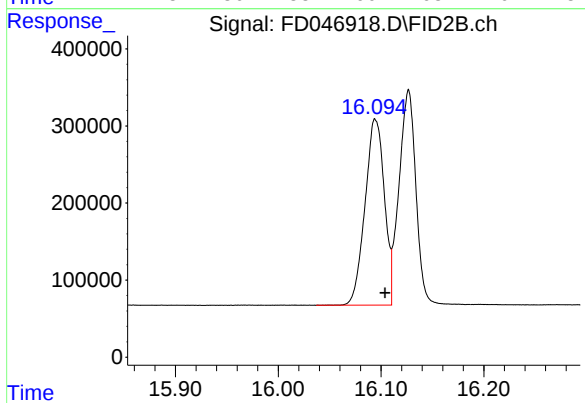
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: -0.009 min
Response: 3047482
Conc: 21.66 ug/ml



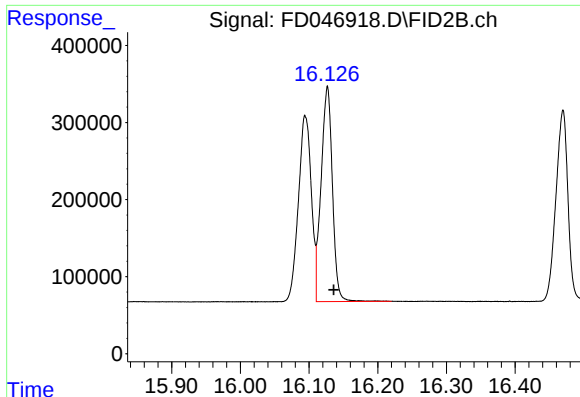
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: -0.010 min
Response: 3237908
Conc: 20.76 ug/ml



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

R.T.: 16.095 min
Delta R.T.: -0.009 min
Response: 3155266
Conc: 22.05 ug/ml



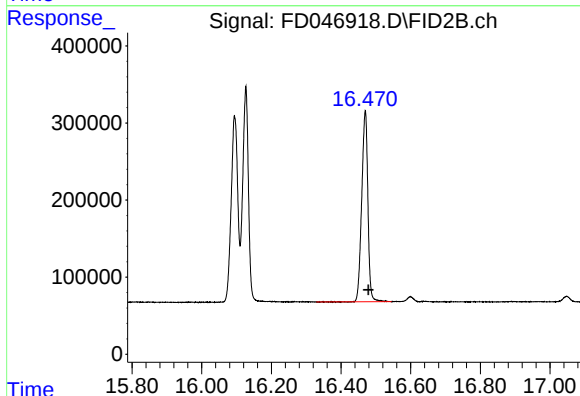
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.127 min
Delta R.T.: -0.009 min
Response: 3199943
Conc: 21.86 ug/ml

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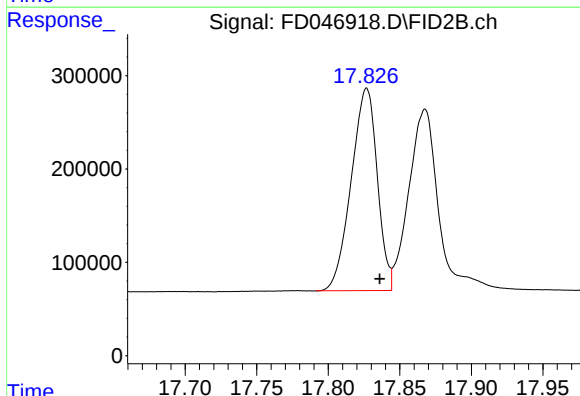
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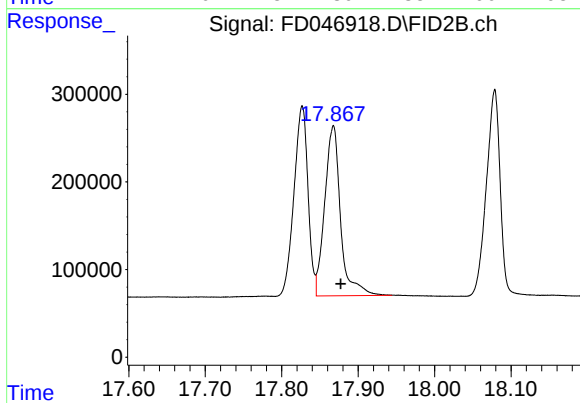
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: -0.009 min
Response: 3033244
Conc: 21.64 ug/ml



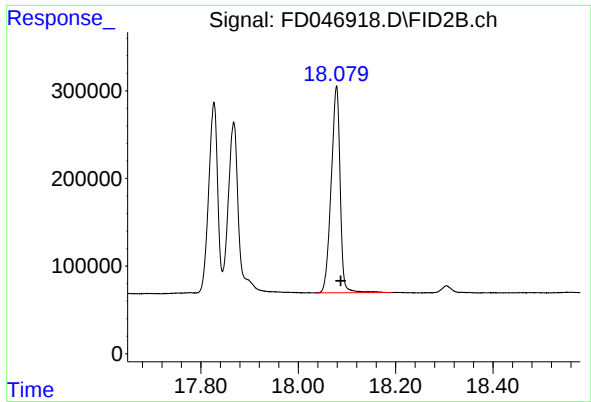
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min
Delta R.T.: -0.009 min
Response: 2753921
Conc: 21.80 ug/ml m



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

R.T.: 17.867 min
Delta R.T.: -0.010 min
Response: 2780283
Conc: 19.90 ug/ml m



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

R.T.: 18.078 min
Delta R.T.: -0.009 min
Response: 3005699
Conc: 21.53 ug/ml

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