

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100423AR\
 Data File : FD046649.D
 Signal(s) : FID2B.ch
 Acq On : 05 Oct 2023 03:16
 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 10/05/2023
 Supervised By :Ankita Jodhani 10/05/2023

Integration File: autoint1.e
 Quant Time: Oct 05 03:56:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.488	3894213	22.098 ug/ml
Spiked Amount 50.000		Recovery =	44.20%
6) S 2-Fluorobiphenyl (SURR)	8.342	2584078	22.304 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.61%
11) S ortho-Terphenyl (SURR)	11.379	4583721	22.499 ug/ml
Spiked Amount 50.000		Recovery =	45.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	4038702	21.867 ug/ml
2) T Naphthalene (C11.7)	5.829	4259378	22.043 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	4288553	22.130 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3817170	21.649 ug/ml
7) T Acenaphthene (C15.5)	8.441	4171284	22.200 ug/ml
8) T Fluorene (C16.55)	9.219	4038332	22.387 ug/ml
9) T Phenanthrene (C19.36)	10.607	3914020	22.261 ug/ml
10) T Anthracene (C19.43)	10.681	3046965	19.838 ug/ml
12) T Fluoranthene (C21.85)	12.410	3855846	22.623 ug/ml
13) T Pyrene (C20.8)	12.705	3696811	22.535 ug/ml
14) T Benzo[a]anthracene (C...	14.568	3109891	22.272 ug/ml
15) T Chrysene (C27.41)	14.610	3445109	22.695 ug/ml
16) T benzo[b]fluoranthene ...	16.109	3077577	22.437 ug/ml
17) T Bnezo[k]fluoranthene ...	16.142	3309634	23.892 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.483	2810590	21.009 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	2778478	22.166 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	3322351	24.967 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.093	2935972	22.264 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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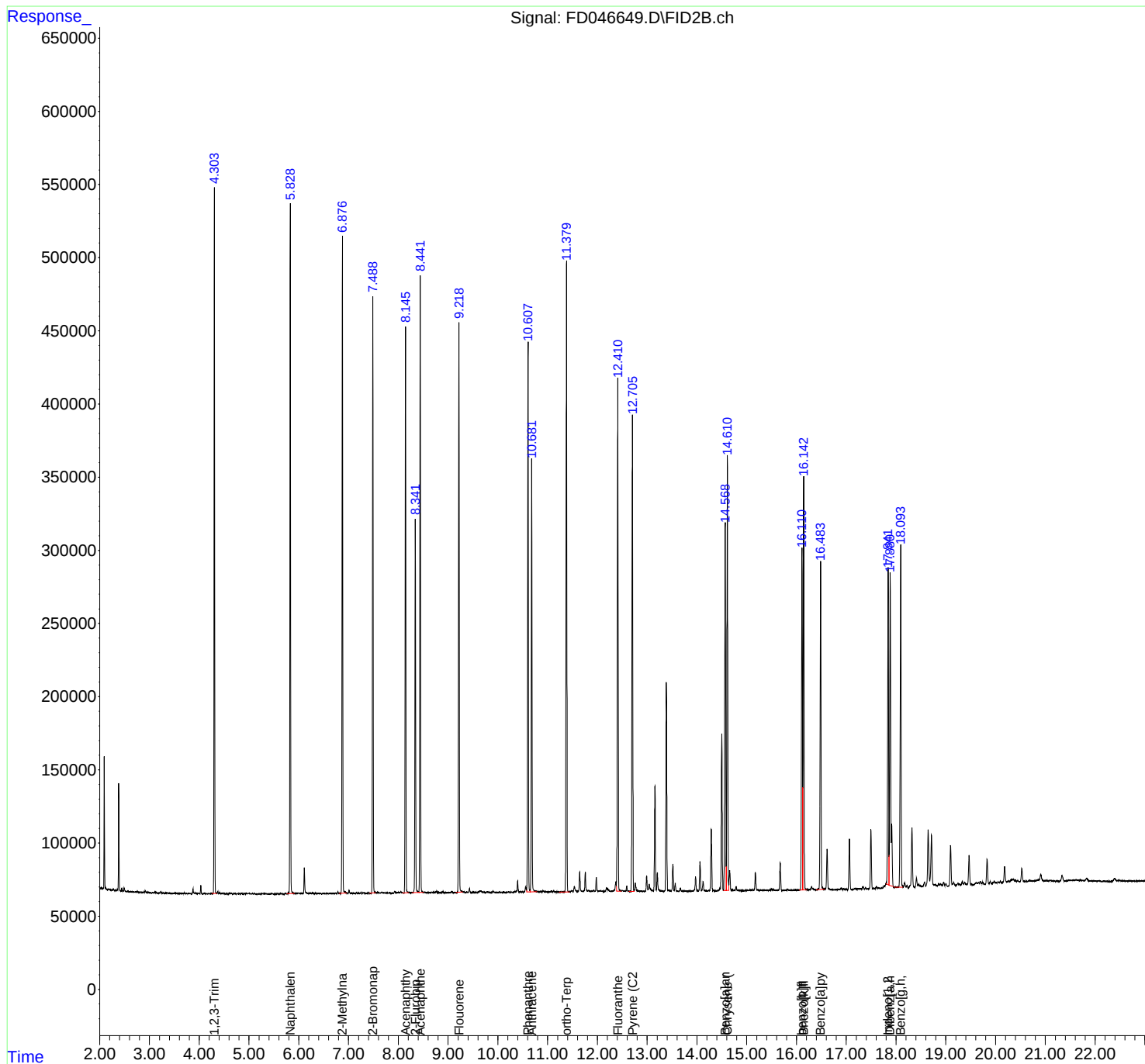
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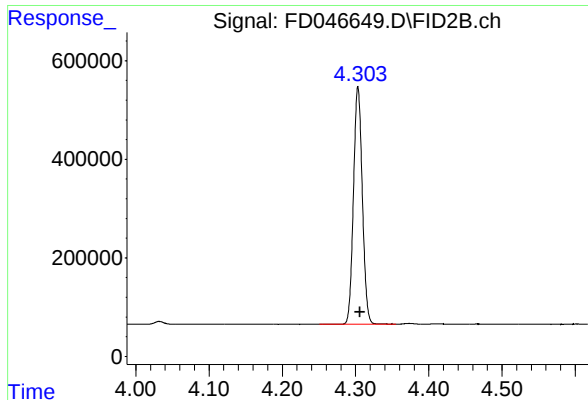
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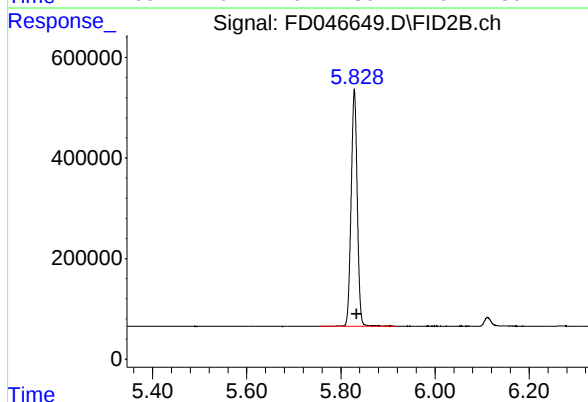
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 4038702
Conc: 21.87 ug/ml

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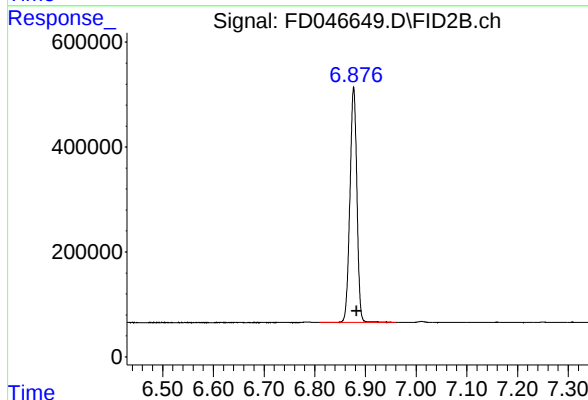
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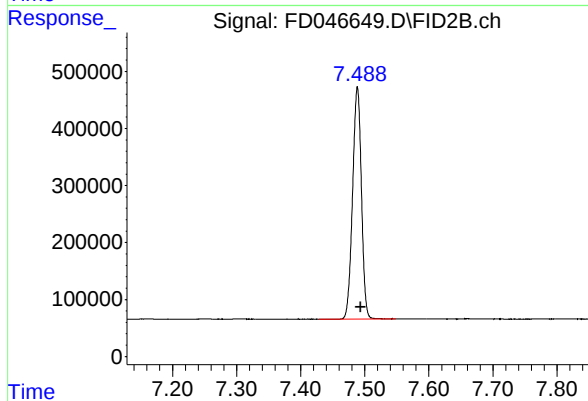
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 4259378
Conc: 22.04 ug/ml



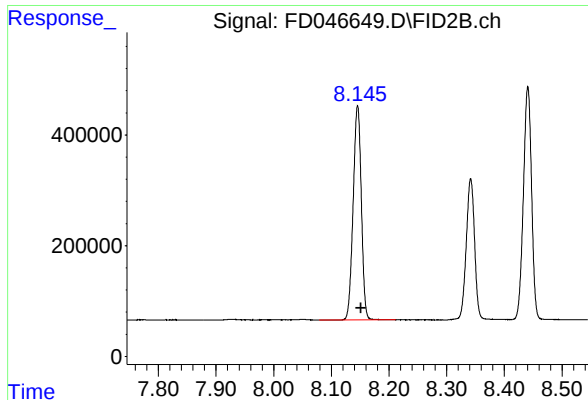
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: -0.005 min
Response: 4288553
Conc: 22.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 3894213
Conc: 22.10 ug/ml



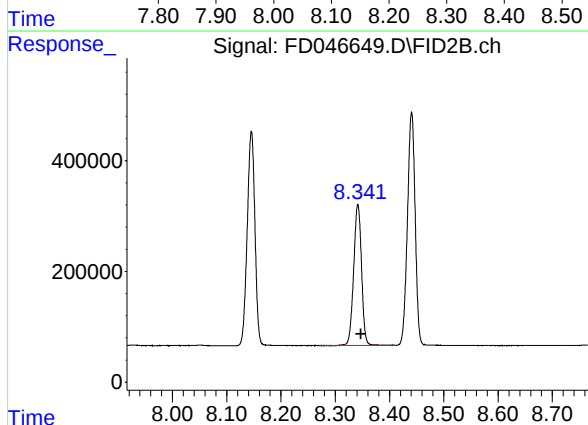
#5 Acenaphthylene (C15.06)

R.T.: 8.146 min
Delta R.T.: -0.006 min
Response: 3817170
Conc: 21.65 ug/ml

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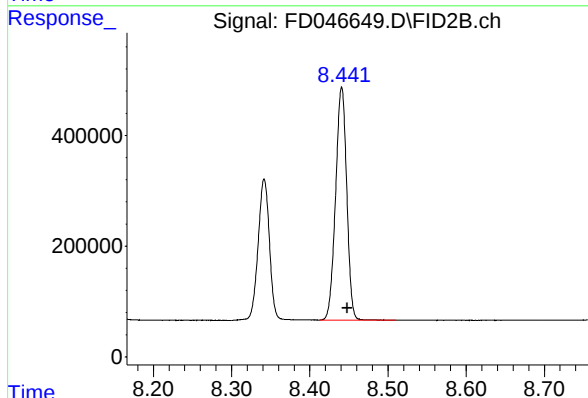
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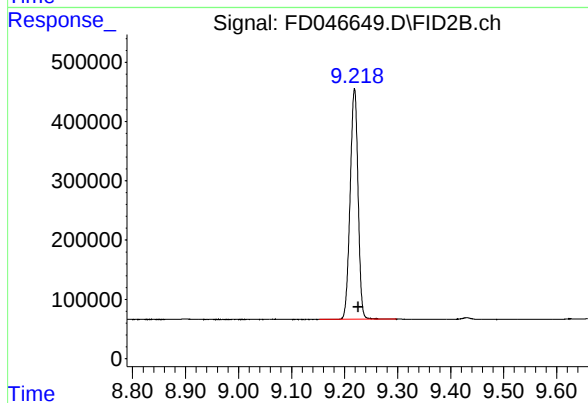
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: -0.005 min
Response: 2584078
Conc: 22.30 ug/ml



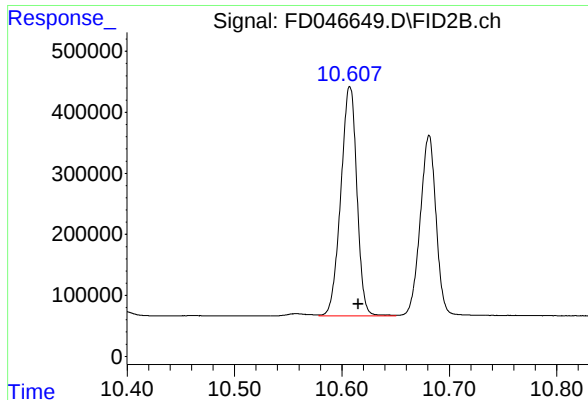
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: -0.007 min
Response: 4171284
Conc: 22.20 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.219 min
Delta R.T.: -0.008 min
Response: 4038332
Conc: 22.39 ug/ml



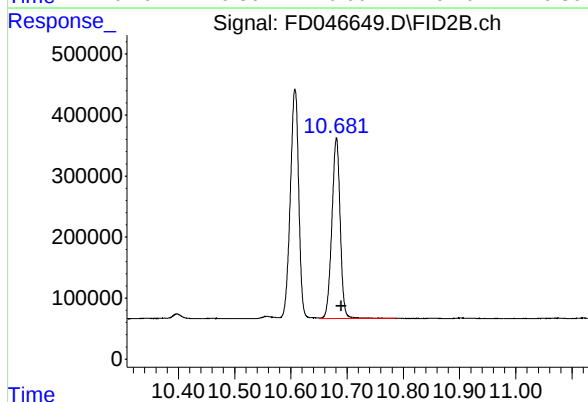
#9 Phenanthrene (C19.36)

R.T.: 10.607 min
Delta R.T.: -0.008 min
Response: 3914020
Conc: 22.26 ug/ml

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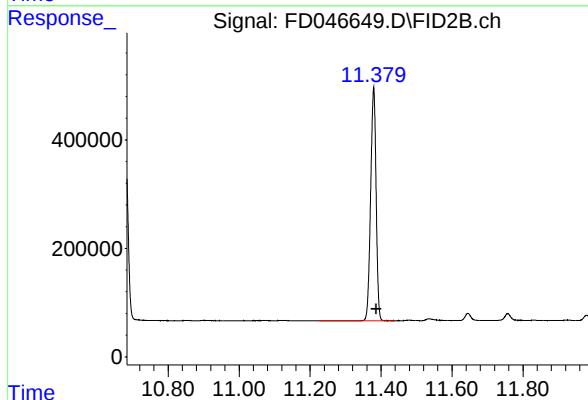
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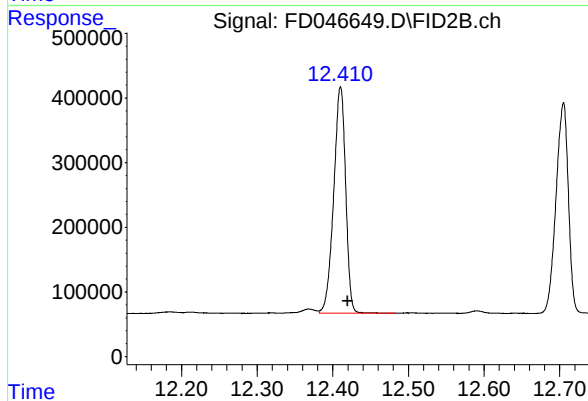
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: -0.009 min
Response: 3046965
Conc: 19.84 ug/ml



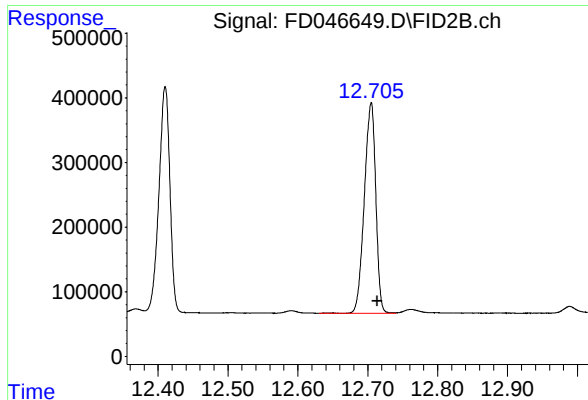
#11 ortho-Terphenyl (SURR)

R.T.: 11.379 min
Delta R.T.: -0.007 min
Response: 4583721
Conc: 22.50 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.410 min
Delta R.T.: -0.010 min
Response: 3855846
Conc: 22.62 ug/ml



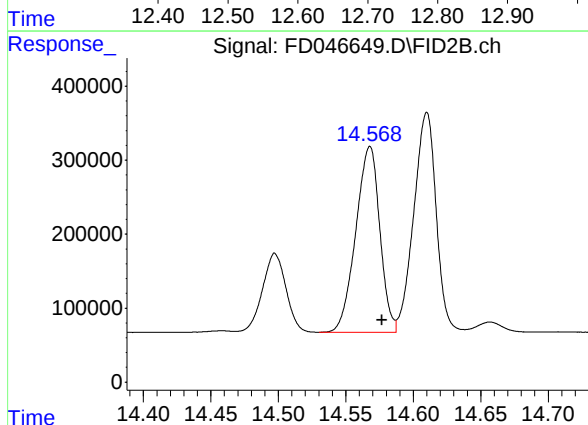
#13 Pyrene (C20.8)

R.T.: 12.705 min
Delta R.T.: -0.009 min
Response: 3696811
Conc: 22.53 ug/ml

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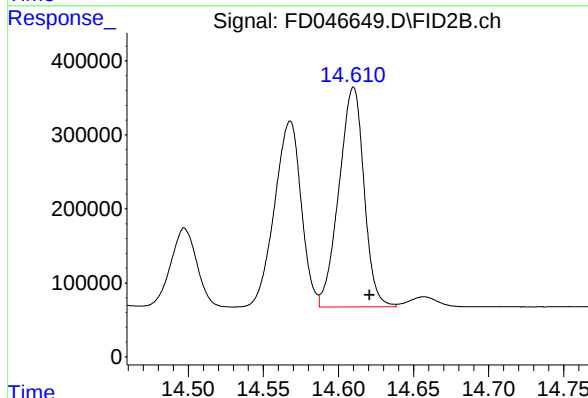
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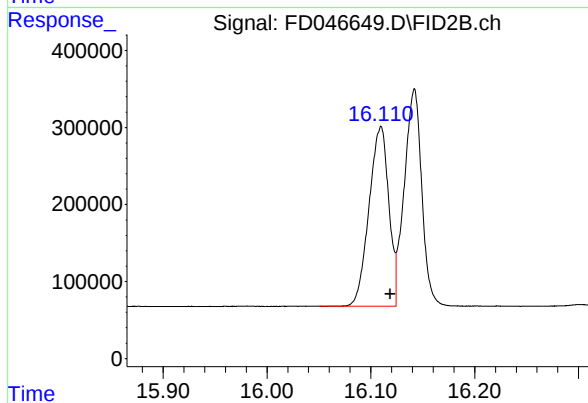
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.568 min
Delta R.T.: -0.009 min
Response: 3109891
Conc: 22.27 ug/ml



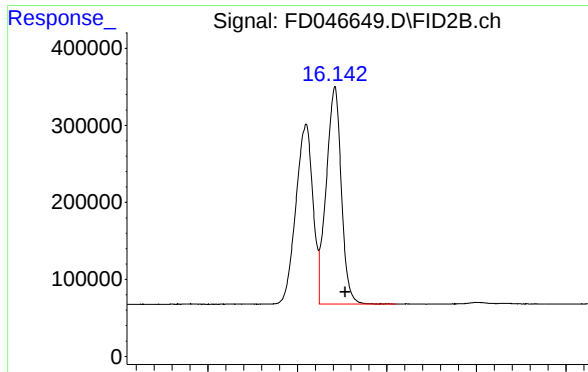
#15 Chrysene (C27.41)

R.T.: 14.610 min
Delta R.T.: -0.011 min
Response: 3445109
Conc: 22.69 ug/ml



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

R.T.: 16.109 min
Delta R.T.: -0.010 min
Response: 3077577
Conc: 22.44 ug/ml



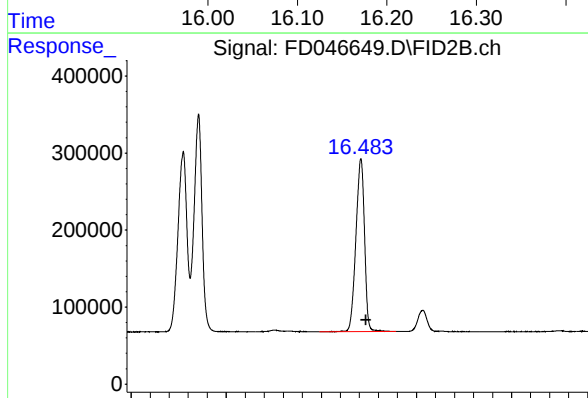
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.142 min
Delta R.T.: -0.012 min
Response: 3309634
Conc: 23.89 ug/ml

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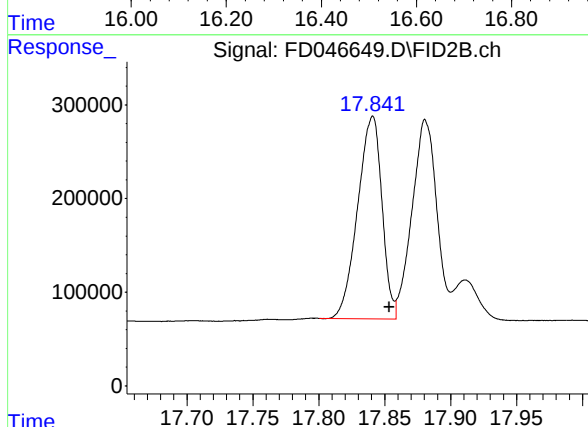
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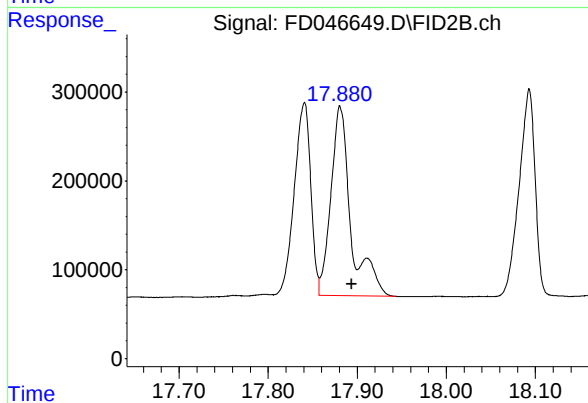
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.483 min
Delta R.T.: -0.012 min
Response: 2810590
Conc: 21.01 ug/ml



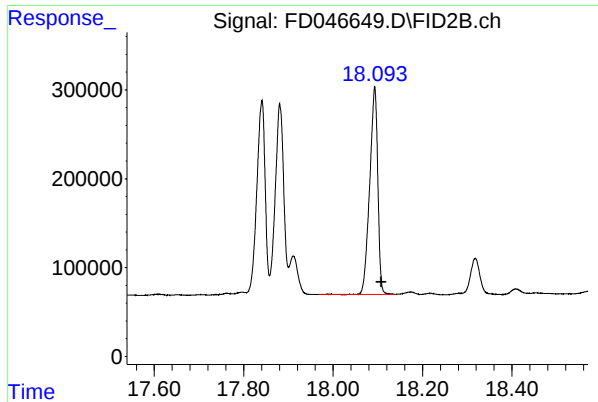
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
Delta R.T.: -0.013 min
Response: 2778478
Conc: 22.17 ug/ml



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

R.T.: 17.880 min
Delta R.T.: -0.014 min
Response: 3322351
Conc: 24.97 ug/ml m



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

R.T.: 18.093 min
Delta R.T.: -0.015 min
Response: 2935972
Conc: 22.26 ug/ml

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