

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050724AR\
 Data File : FD047665.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2024 05:39
 Operator : YP/AJ
 Sample : PB160748BSD
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160748BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/08/2024
 Supervised By :Ankita Jodhani 05/08/2024

Integration File: autoint1.e
 Quant Time: May 08 07:51:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.460	7139948	45.527 ug/ml
Spiked Amount 50.000		Recovery =	91.05%
6) S 2-Fluorobiphenyl (SURR)	8.314	4630304	44.266 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.53%
11) S ortho-Terphenyl (SURR)	11.355	7146118	38.106 ug/ml
Spiked Amount 50.000		Recovery =	76.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	5531862	34.215 ug/ml
2) T Naphthalene (C11.7)	5.796	6313751	37.314 ug/ml
3) T 2-Methylnaphthalene (...)	6.846	6418174	37.678 ug/ml
5) T Acenaphthylene (C15.06)	8.117	6760538	41.454 ug/ml
7) T Acenaphthene (C15.5)	8.412	6627749	39.428 ug/ml
8) T Flouorene (C16.55)	9.192	6892008	41.432 ug/ml
9) T Phenanthrene (C19.36)	10.584	7202691	43.995 ug/ml
10) T Anthracene (C19.43)	10.659	7132757	47.620 ug/ml
12) T Fluoranthene (C21.85)	12.391	7629556	45.980 ug/ml
13) T Pyrene (C20.8)	12.686	7778024	47.803 ug/ml
14) T Benzo[a]anthracene (C...	14.556	7357521	50.403 ug/ml
15) T Chrysene (C27.41)	14.599	7370955	46.774 ug/ml
16) T benzo[b]fluoranthene ...	16.104	7230736	48.412 ug/ml
17) T Bnezo[k]fluoranthene ...	16.141	7064957	46.927 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.481	6963120	48.257 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.847	7202711	53.071 ug/ml
20) T Dibenz[a,h]anthracene...	17.886	6794380	47.455 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	6566155	47.824 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB160748BSD
Misc :
ALS Vial : 75 Sample Multiplier: 1

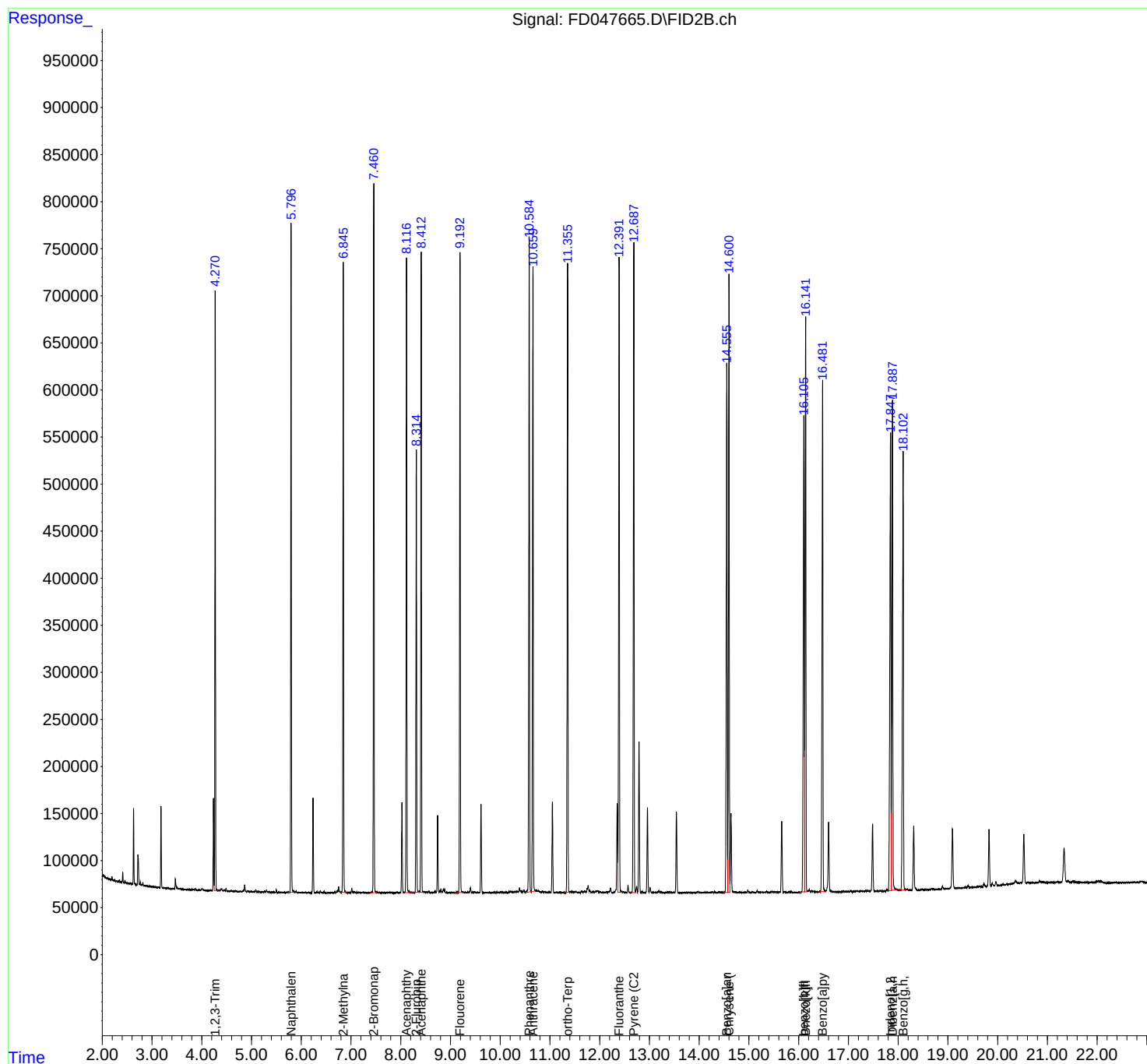
Instrument :
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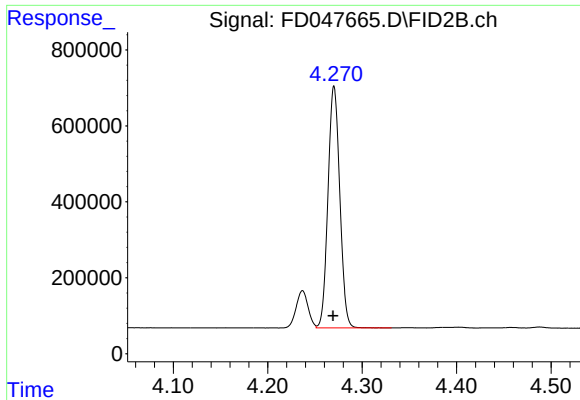
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.270 min
Delta R.T.: 0.001 min
Response: 5531862
Conc: 34.21 ug/ml

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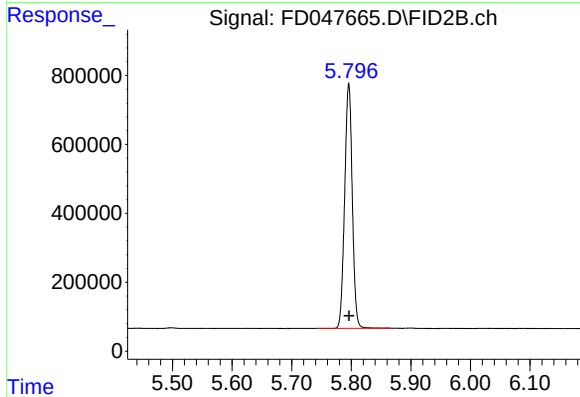
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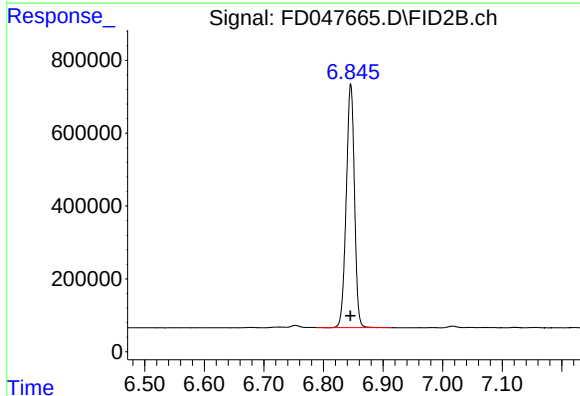
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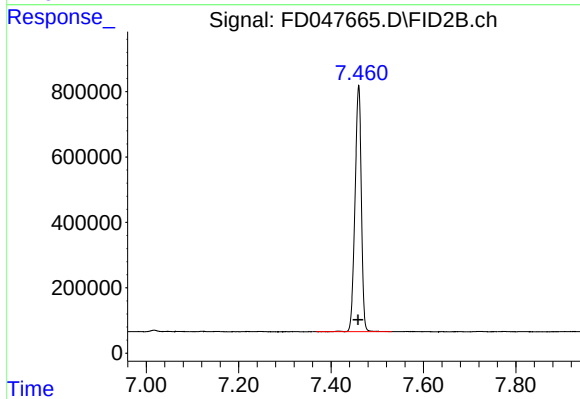
#2 Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: -0.001 min
Response: 6313751
Conc: 37.31 ug/ml



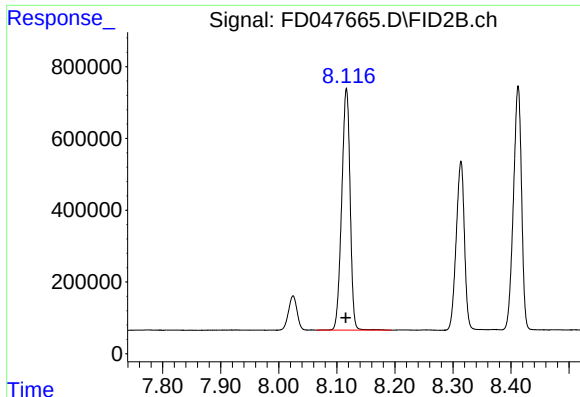
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 6418174
Conc: 37.68 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.460 min
Delta R.T.: 0.001 min
Response: 7139948
Conc: 45.53 ug/ml



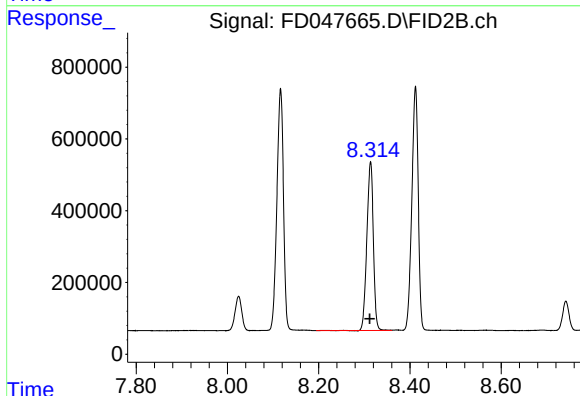
#5 Acenaphthylene (C15.06)

R.T.: 8.117 min
Delta R.T.: 0.001 min
Response: 6760538
Conc: 41.45 ug/ml

Instrument :
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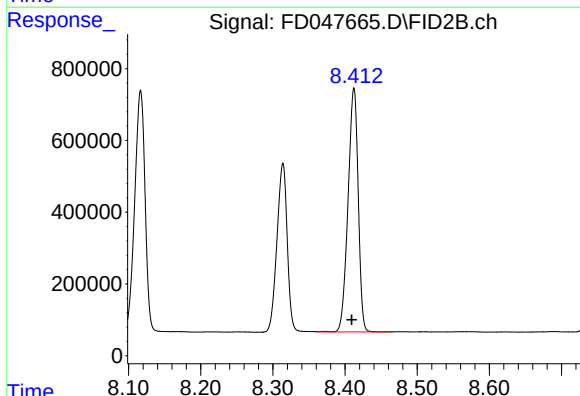
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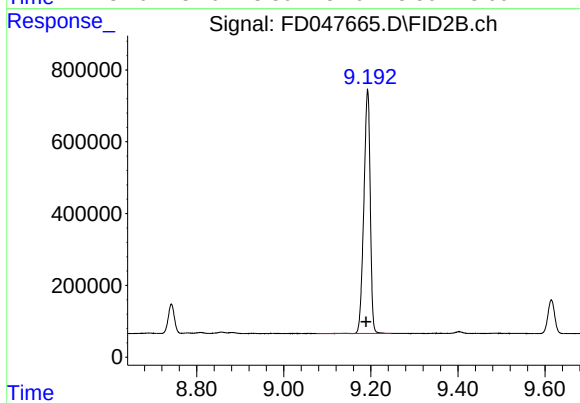
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.314 min
Delta R.T.: 0.001 min
Response: 4630304
Conc: 44.27 ug/ml



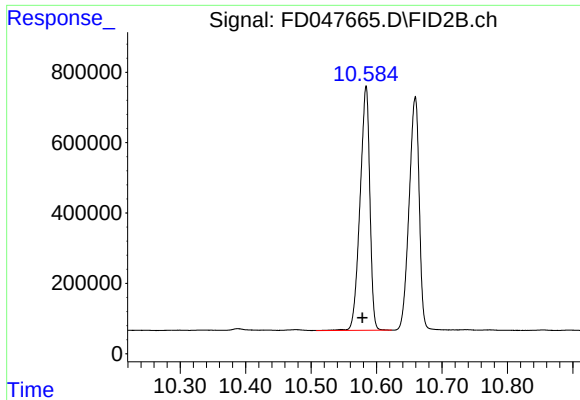
#7 Acenaphthene (C15.5)

R.T.: 8.412 min
Delta R.T.: 0.003 min
Response: 6627749
Conc: 39.43 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.192 min
Delta R.T.: 0.003 min
Response: 6892008
Conc: 41.43 ug/ml



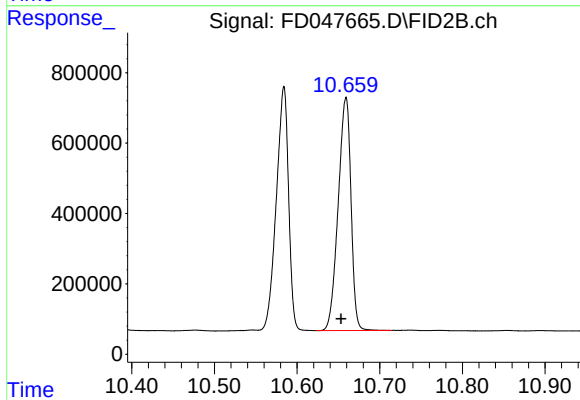
#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.005 min
Response: 7202691
Conc: 43.99 ug/ml

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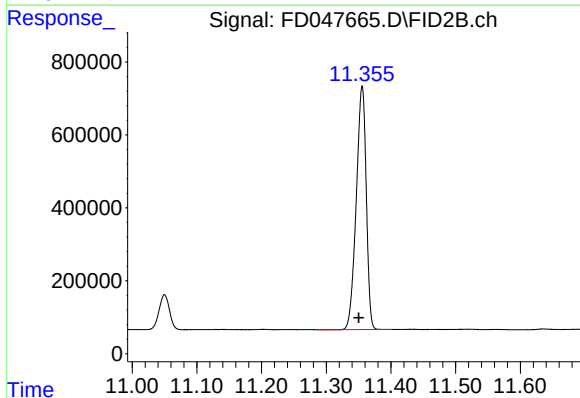
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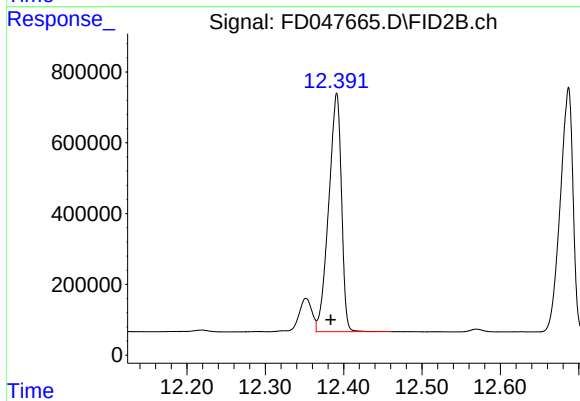
#10 Anthracene (C19.43)

R.T.: 10.659 min
Delta R.T.: 0.005 min
Response: 7132757
Conc: 47.62 ug/ml



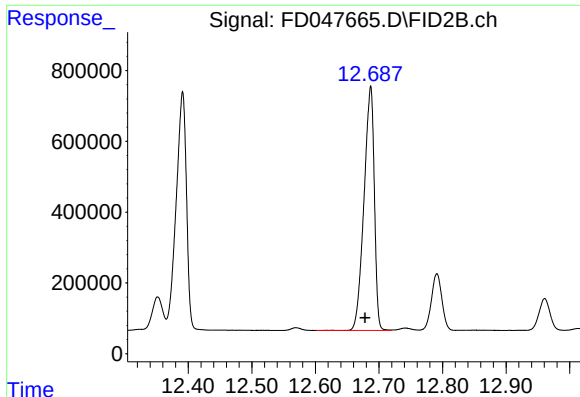
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.005 min
Response: 7146118
Conc: 38.11 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.391 min
Delta R.T.: 0.007 min
Response: 7629556
Conc: 45.98 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.686 min
Delta R.T.: 0.008 min
Response: 7778024
Conc: 47.80 ug/ml

Instrument :

FID_D

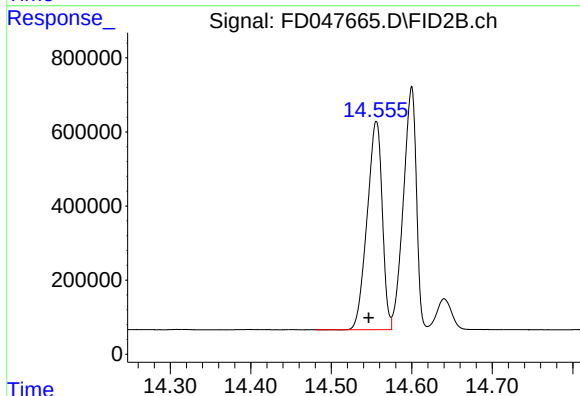
ClientSampleId :

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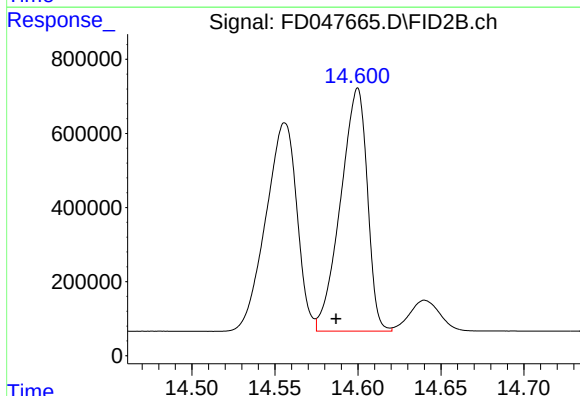
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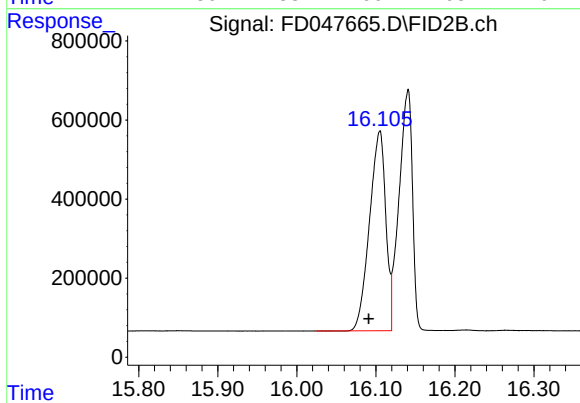
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.556 min
Delta R.T.: 0.009 min
Response: 7357521
Conc: 50.40 ug/ml



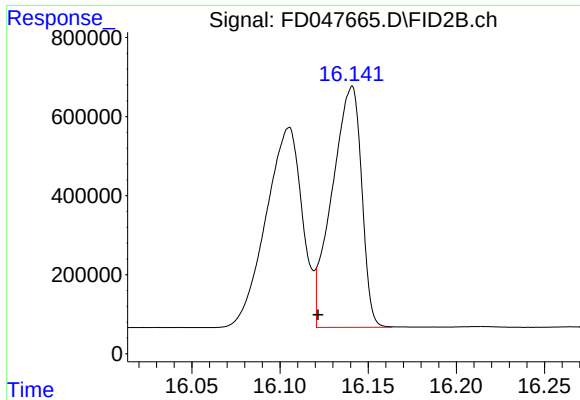
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: 0.013 min
Response: 7370955
Conc: 46.77 ug/ml



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

R.T.: 16.104 min
Delta R.T.: 0.013 min
Response: 7230736
Conc: 48.41 ug/ml



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

R.T.: 16.141 min
Delta R.T.: 0.019 min
Response: 7064957
Conc: 46.93 ug/ml

Instrument :

FID_D

ClientSampleId :

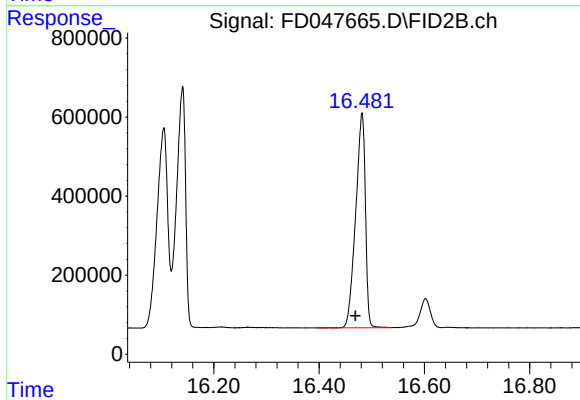
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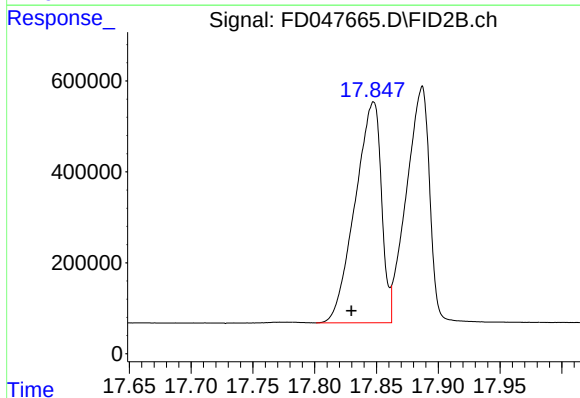
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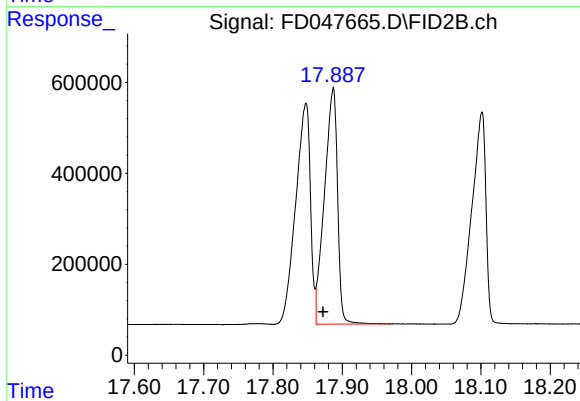
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.481 min
Delta R.T.: 0.012 min
Response: 6963120
Conc: 48.26 ug/ml



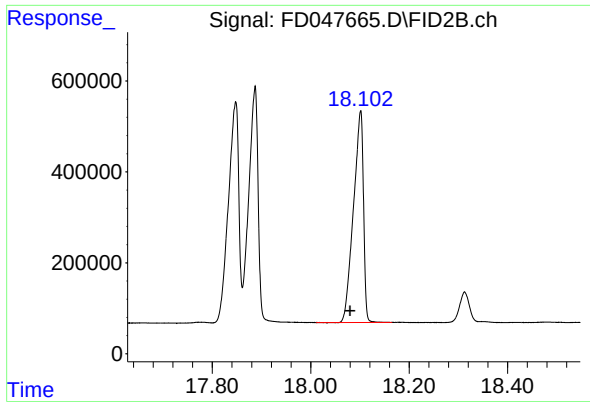
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.847 min
Delta R.T.: 0.017 min
Response: 7202711
Conc: 53.07 ug/ml



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

R.T.: 17.886 min
Delta R.T.: 0.014 min
Response: 6794380
Conc: 47.45 ug/ml



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

R.T.: 18.100 min
Delta R.T.: 0.021 min
Response: 6566155
Conc: 47.82 ug/ml

Instrument :

FID_D

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