

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047581.D
 Signal(s) : FID2B.ch
 Acq On : 25 Apr 2024 09:41
 Operator : YP/AJ
 Sample : PB160478BS
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160478BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/26/2024
 Supervised By :Ankita Jodhani 04/26/2024

Integration File: autoint1.e
 Quant Time: Apr 26 01:24:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040224.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 01 16:48:10 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...	7.463	8959985	59.933 ug/ml
Spiked Amount 50.000		Recovery =	119.87%
6) S 2-Fluorobiphenyl (SURR)	8.316	5941070	60.805 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	121.61%
11) S ortho-Terphenyl (SURR)	11.355	8308527	48.467 ug/ml
Spiked Amount 50.000		Recovery =	96.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	6295475	39.841 ug/ml
2) T Naphthalene (C11.7)	5.801	7162397	43.769 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7353128	44.705 ug/ml
5) T Acenaphthylene (C15.06)	8.119	7631452	50.560 ug/ml
7) T Acenaphthene (C15.5)	8.415	7557552	47.187 ug/ml
8) T Flouorene (C16.55)	9.193	7614129	49.218 ug/ml
9) T Phenanthrene (C19.36)	10.584	7475022	50.242 ug/ml
10) T Anthracene (C19.43)	10.658	7354159	54.072 ug/ml
12) T Fluoranthene (C21.85)	12.389	7356267	49.762 ug/ml
13) T Pyrene (C20.8)	12.684	7429663	51.480 ug/ml
14) T Benzo[a]anthracene (C...	14.552	6952296	52.864 ug/ml
15) T Chrysene (C27.41)	14.595	6924875	49.109 ug/ml
16) T benzo[b]fluoranthene ...	16.098	6921726	49.614 ug/ml
17) T Bnezo[k]fluoranthene ...	16.134	6927042	49.803 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.475	6752793	49.182 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	7015181	52.007 ug/mlm
20) T Dibenz[a,h]anthracene...	17.879	6533170	48.611 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.094	6388721	46.031 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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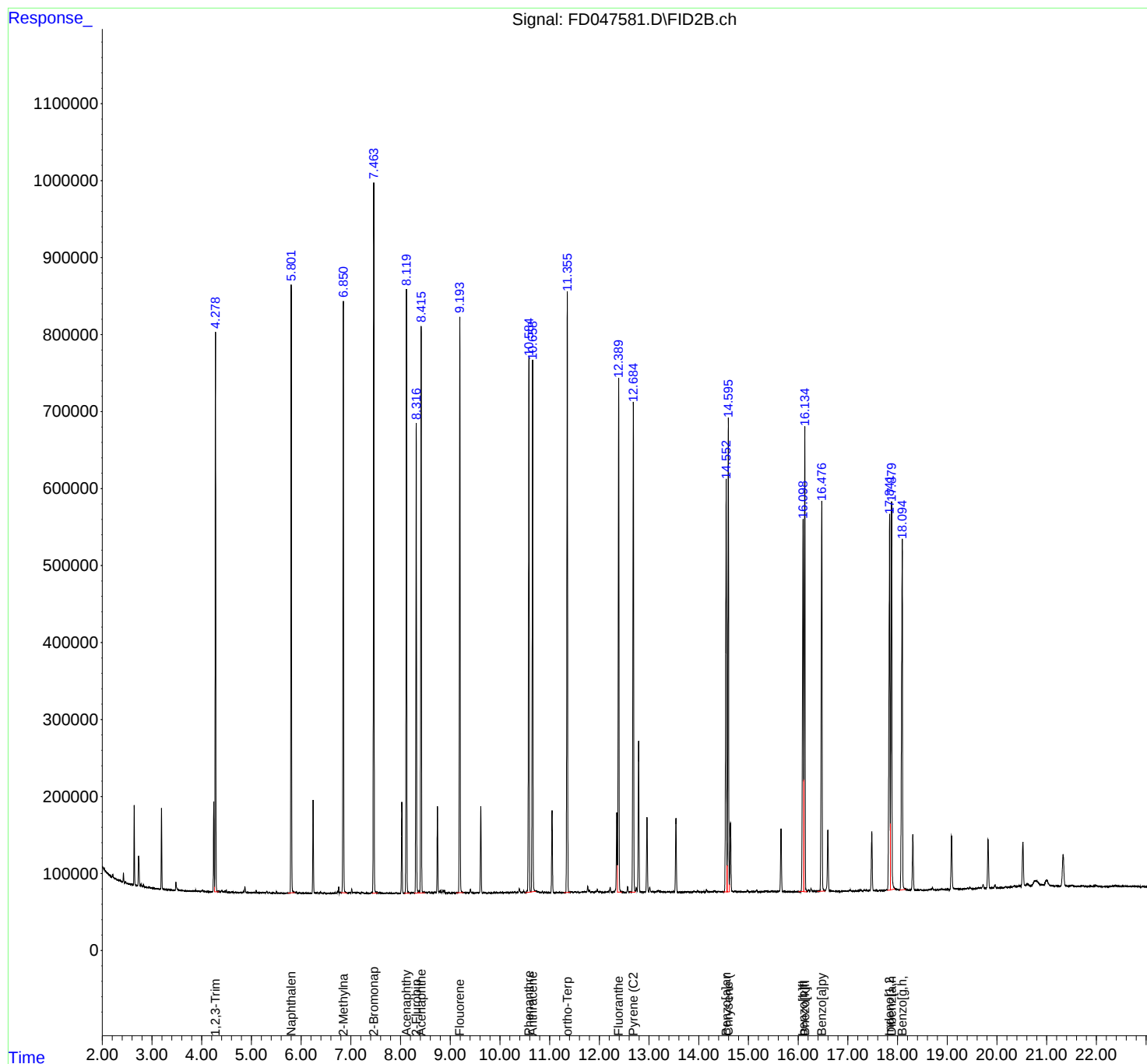
Response via : Initial Calibration

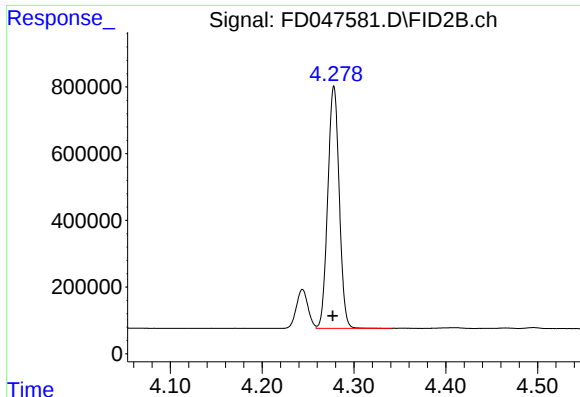
Integrator: ChemStation

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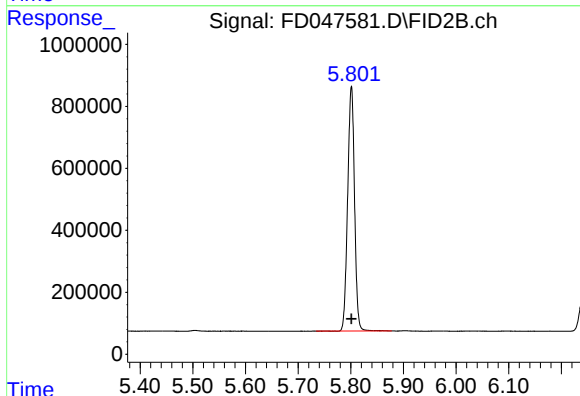
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.278 min
Delta R.T.: 0.001 min
Response: 6295475
Conc: 39.84 ug/ml

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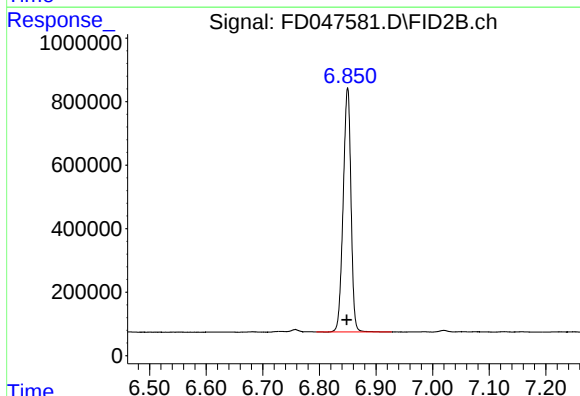
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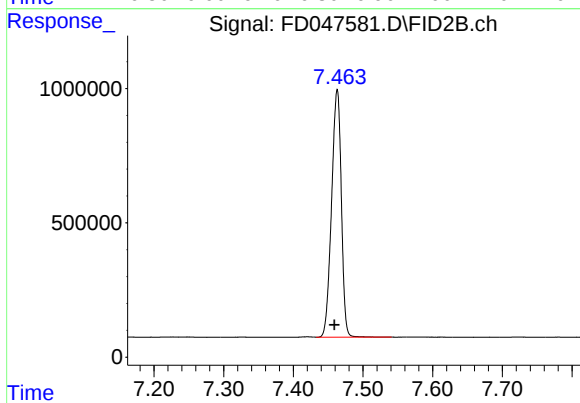
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 7162397
Conc: 43.77 ug/ml



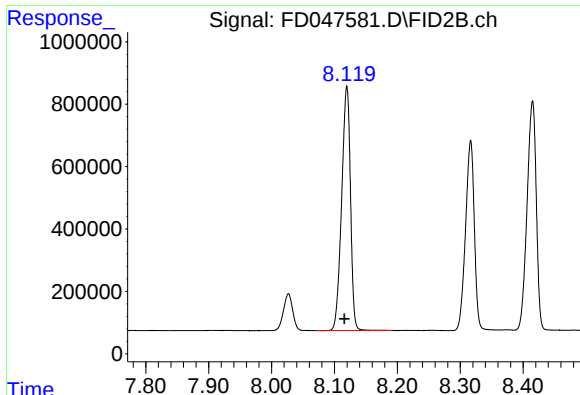
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 7353128
Conc: 44.70 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 8959985
Conc: 59.93 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.119 min
Delta R.T.: 0.004 min
Response: 7631452
Conc: 50.56 ug/ml

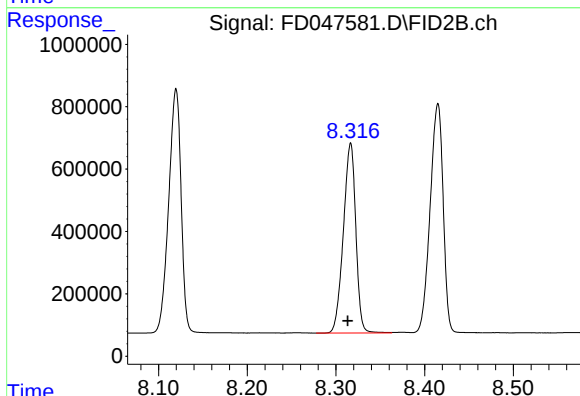
Instrument :

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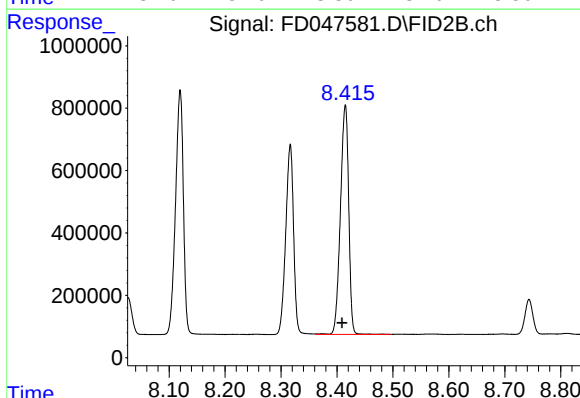
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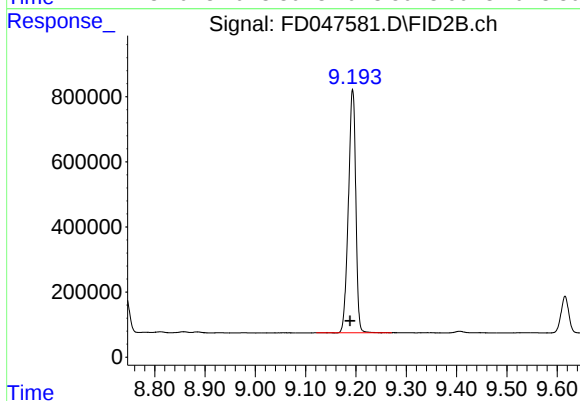
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.003 min
Response: 5941070
Conc: 60.80 ug/ml



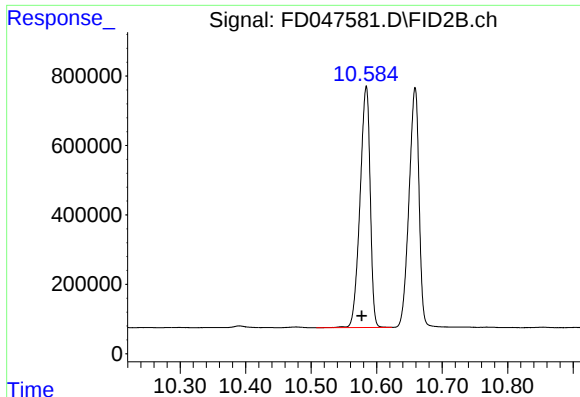
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: 0.005 min
Response: 7557552
Conc: 47.19 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.193 min
Delta R.T.: 0.005 min
Response: 7614129
Conc: 49.22 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.006 min
Response: 7475022
Conc: 50.24 ug/ml

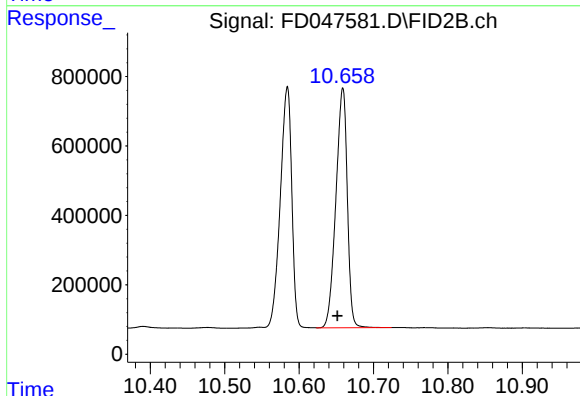
Instrument :

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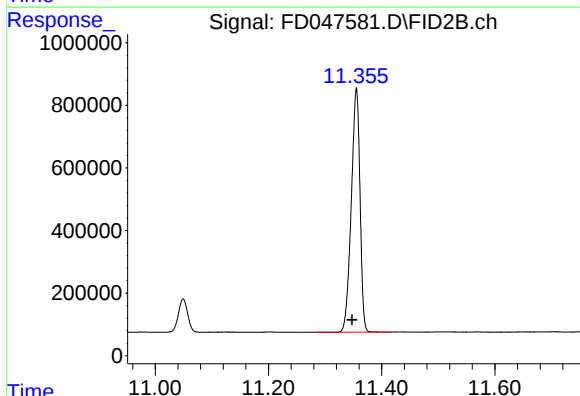
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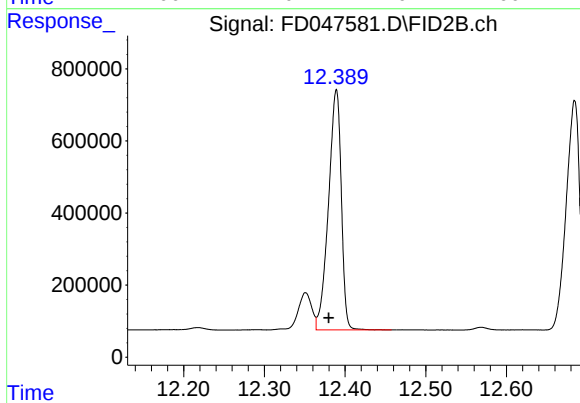
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.007 min
Response: 7354159
Conc: 54.07 ug/ml



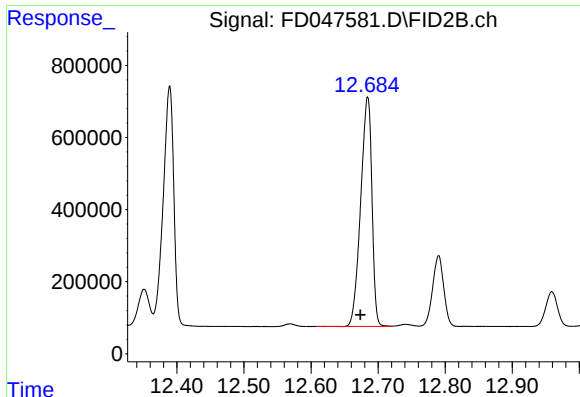
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.007 min
Response: 8308527
Conc: 48.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.389 min
Delta R.T.: 0.009 min
Response: 7356267
Conc: 49.76 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.684 min
Delta R.T.: 0.010 min
Response: 7429663
Conc: 51.48 ug/ml

Instrument :

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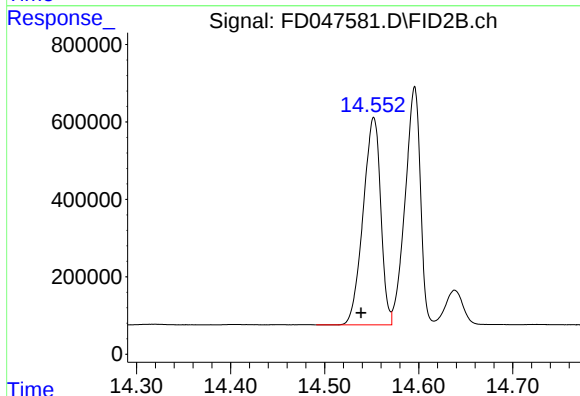
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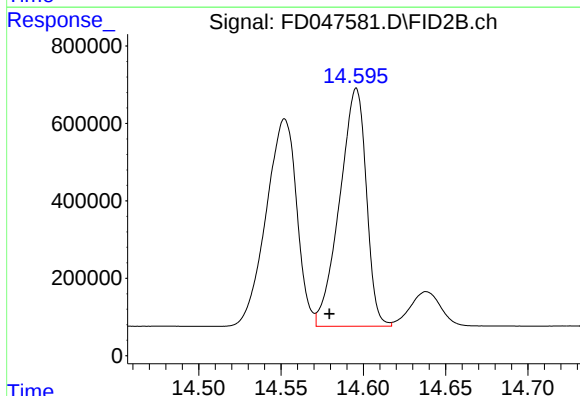
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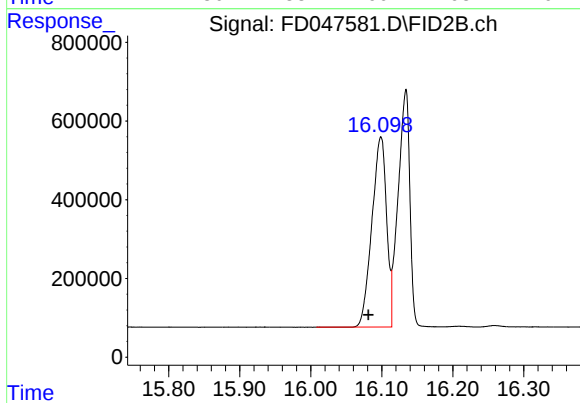
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
Delta R.T.: 0.013 min
Response: 6952296
Conc: 52.86 ug/ml



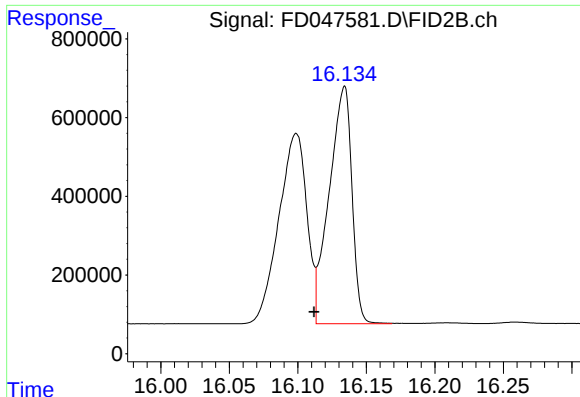
#15 Chrysene (C27.41)

R.T.: 14.595 min
Delta R.T.: 0.016 min
Response: 6924875
Conc: 49.11 ug/ml



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

R.T.: 16.098 min
Delta R.T.: 0.017 min
Response: 6921726
Conc: 49.61 ug/ml



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

R.T.: 16.134 min
Delta R.T.: 0.022 min
Response: 6927042
Conc: 49.80 ug/ml

Instrument :

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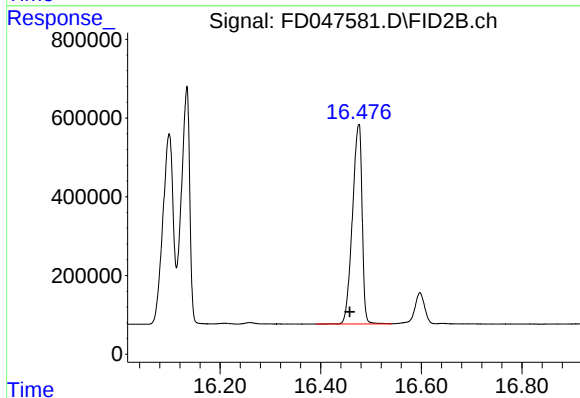
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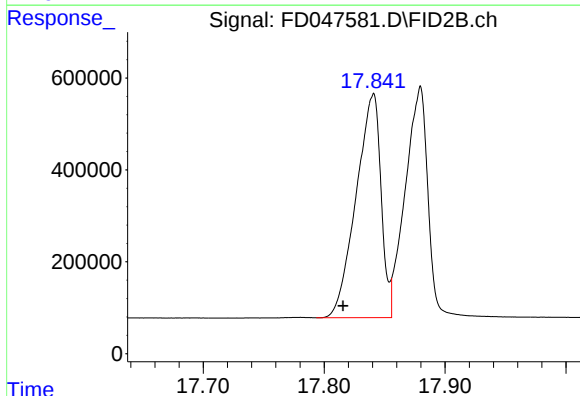
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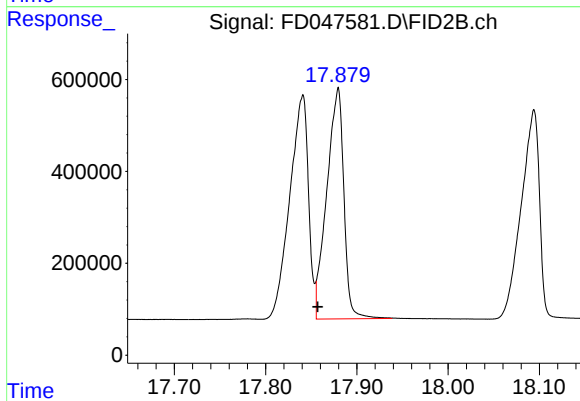
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: 0.017 min
Response: 6752793
Conc: 49.18 ug/ml



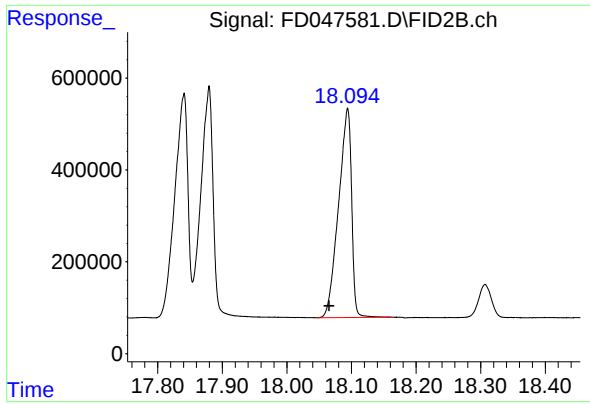
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.025 min
Response: 7015181
Conc: 52.01 ug/ml m



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

R.T.: 17.879 min
Delta R.T.: 0.022 min
Response: 6533170
Conc: 48.61 ug/ml m



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

R.T.: 18.094 min
Delta R.T.: 0.028 min
Response: 6388721
Conc: 46.03 ug/ml

Instrument :

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