

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047582.D
 Signal(s) : FID2B.ch
 Acq On : 25 Apr 2024 10:22
 Operator : YP/AJ
 Sample : PB160478BSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160478BSD

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 01:24:32 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	9059039	60.595 ug/ml
Spiked Amount 50.000		Recovery =	121.19%
6) S 2-Fluorobiphenyl (SURR)	8.317	5986171	61.266 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.53%
11) S ortho-Terphenyl (SURR)	11.355	8341538	48.660 ug/ml
Spiked Amount 50.000		Recovery =	97.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.278	6374797	40.343 ug/ml
2) T Naphthalene (C11.7)	5.801	7261252	44.373 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7433779	45.195 ug/ml
5) T Acenaphthylene (C15.06)	8.119	7702526	51.030 ug/ml
7) T Acenaphthene (C15.5)	8.415	7577068	47.308 ug/ml
8) T Flouorene (C16.55)	9.194	7661124	49.522 ug/ml
9) T Phenanthrene (C19.36)	10.583	7487341	50.325 ug/ml
10) T Anthracene (C19.43)	10.658	7364421	54.147 ug/ml
12) T Fluoranthene (C21.85)	12.389	7381364	49.931 ug/ml
13) T Pyrene (C20.8)	12.684	7442241	51.567 ug/ml
14) T Benzo[a]anthracene (C...	14.552	6986414	53.123 ug/ml
15) T Chrysene (C27.41)	14.595	6961953	49.372 ug/ml
16) T benzo[b]fluoranthene ...	16.099	6960764	49.893 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	6906243	49.654 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.475	6797362	49.506 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.840	6998030	51.879 ug/mlm
20) T Dibenz[a,h]anthracene...	17.878	6661988	49.569 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.092	6417404	46.238 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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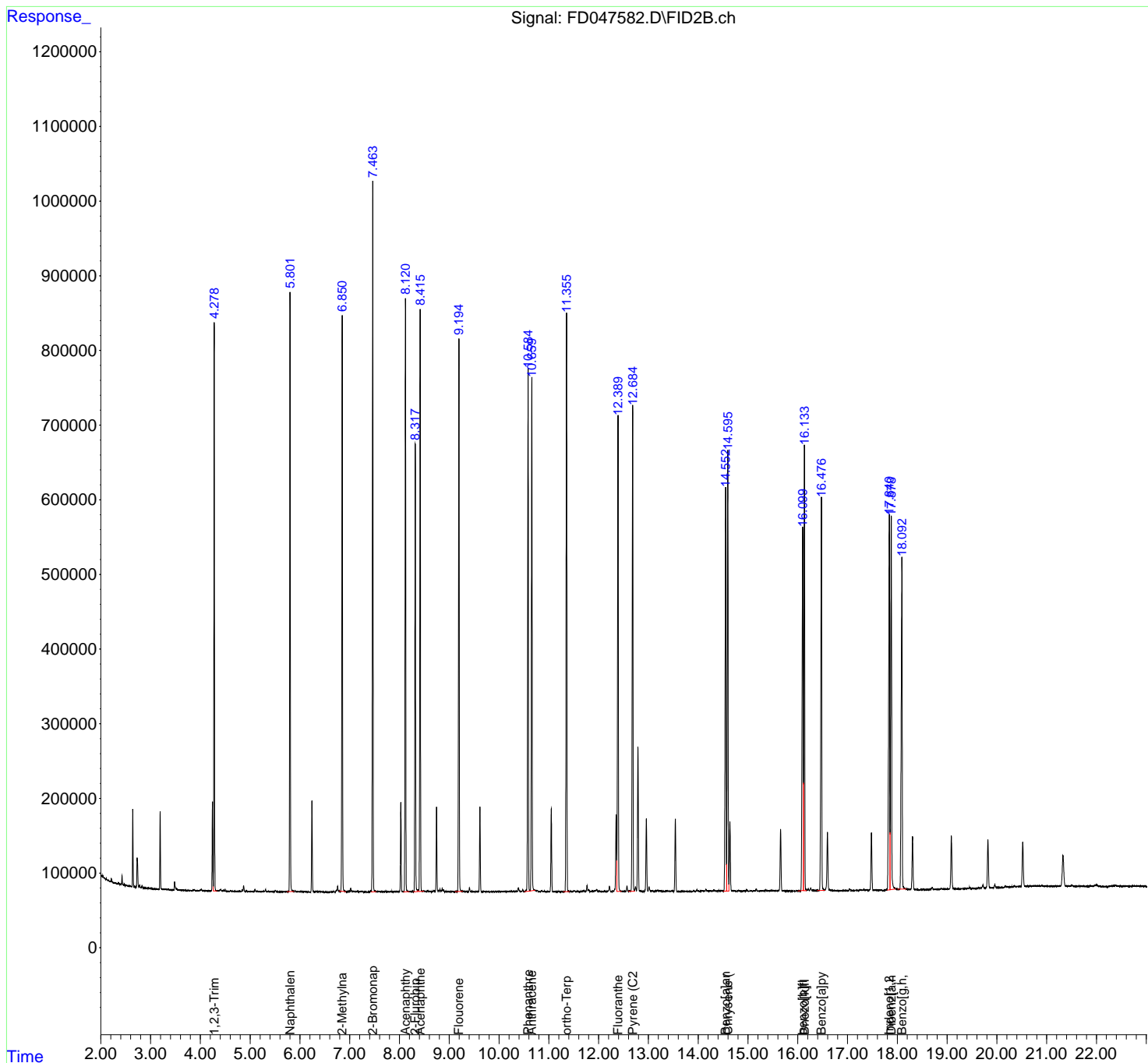
FID_D
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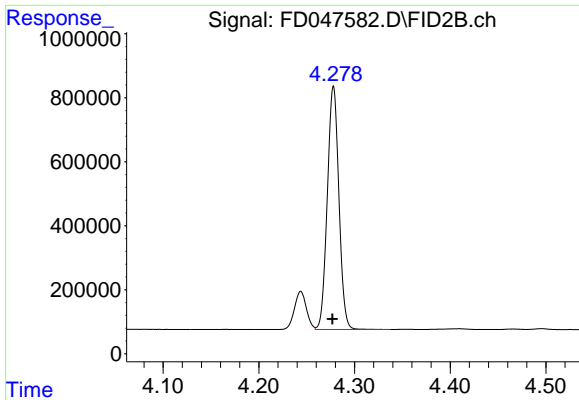
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#1 1,2,3-Trimethylbenzene (C10.1)

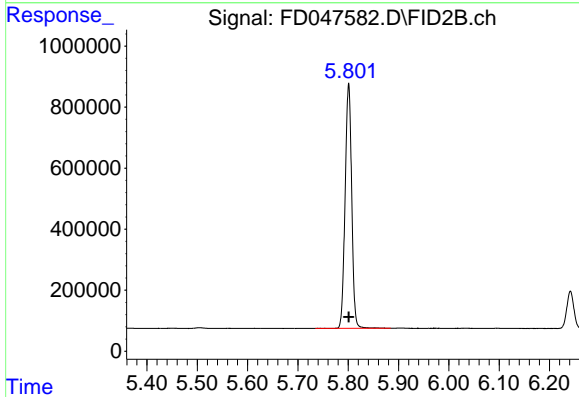
R.T.: 4.278 min
 Delta R.T.: 0.000 min
 Response: 6374797
 Conc: 40.34 ug/ml

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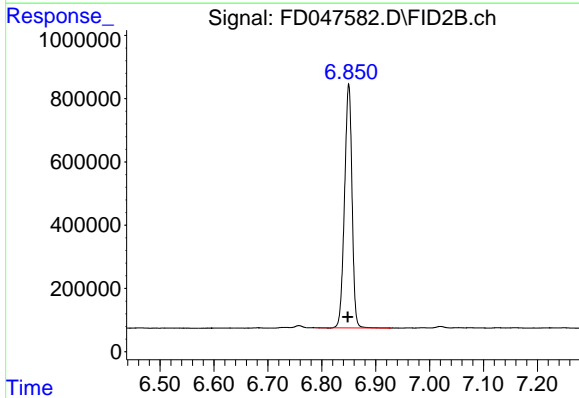
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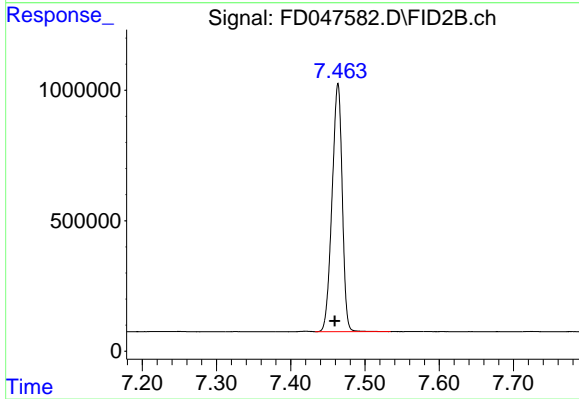
#2 Naphthalene (C11.7)

R.T.: 5.801 min
 Delta R.T.: 0.000 min
 Response: 7261252
 Conc: 44.37 ug/ml



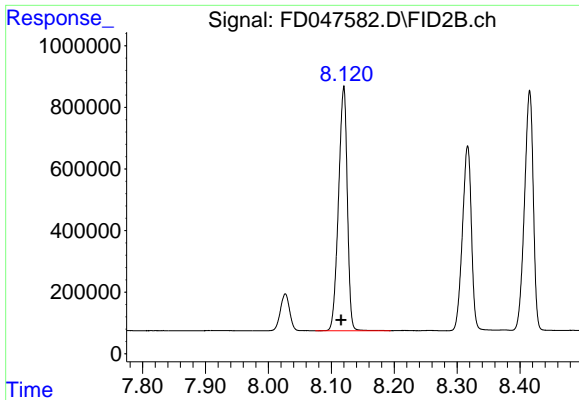
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
 Delta R.T.: 0.002 min
 Response: 7433779
 Conc: 45.19 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
 Delta R.T.: 0.004 min
 Response: 9059039
 Conc: 60.60 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.119 min
 Delta R.T.: 0.004 min
 Response: 7702526
 Conc: 51.03 ug/ml

Instrument :

FID_D

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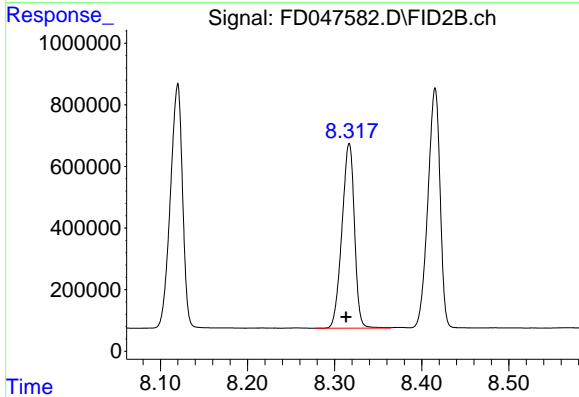
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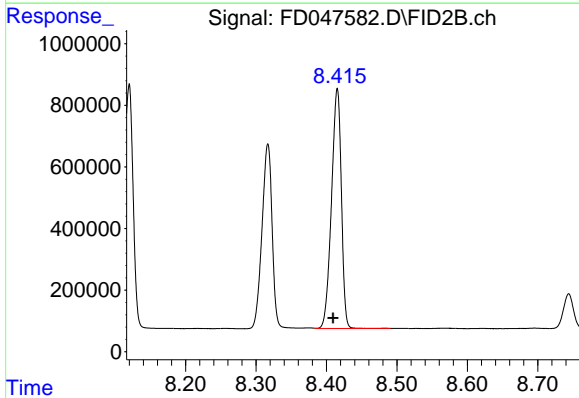
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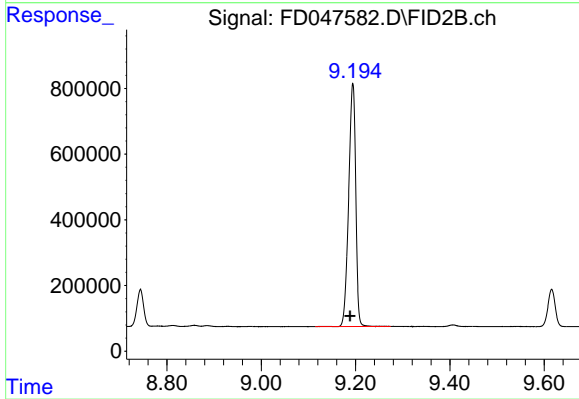
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
 Delta R.T.: 0.003 min
 Response: 5986171
 Conc: 61.27 ug/ml



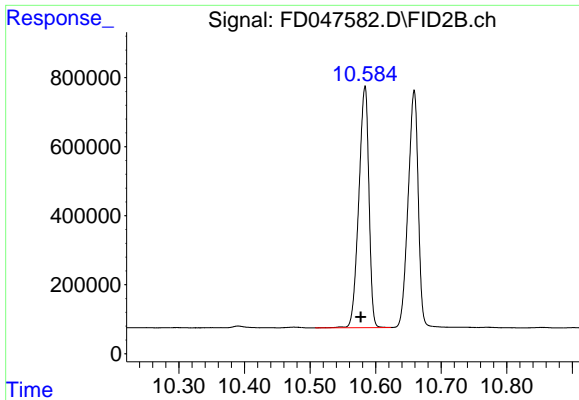
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
 Delta R.T.: 0.006 min
 Response: 7577068
 Conc: 47.31 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.194 min
 Delta R.T.: 0.005 min
 Response: 7661124
 Conc: 49.52 ug/ml



#9 Phenanthrene (C19.36)
 R.T.: 10.583 min
 Delta R.T.: 0.006 min
 Response: 7487341
 Conc: 50.32 ug/ml

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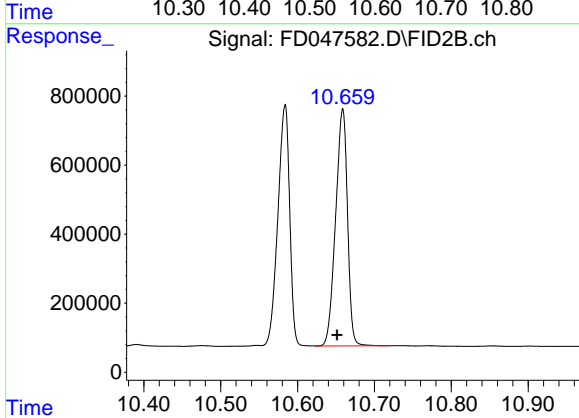
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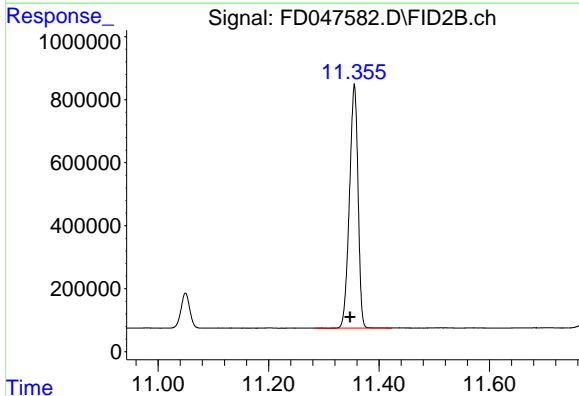
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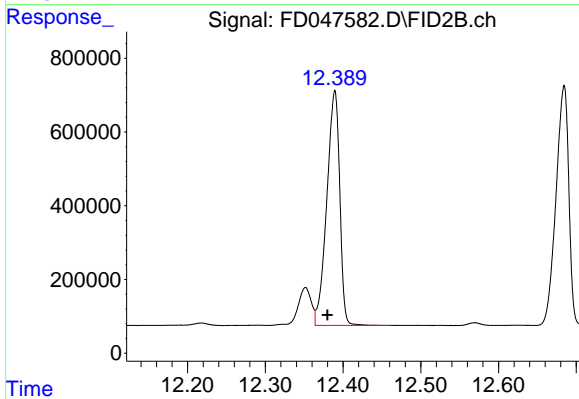
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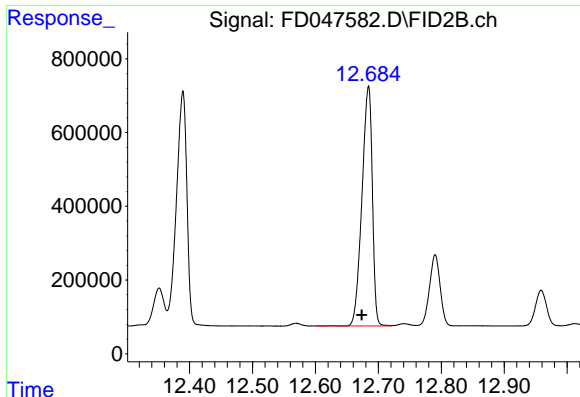
#10 Anthracene (C19.43)
 R.T.: 10.658 min
 Delta R.T.: 0.007 min
 Response: 7364421
 Conc: 54.15 ug/ml



#11 ortho-Terphenyl (SURR)
 R.T.: 11.355 min
 Delta R.T.: 0.007 min
 Response: 8341538
 Conc: 48.66 ug/ml



#12 Fluoranthene (C21.85)
 R.T.: 12.389 min
 Delta R.T.: 0.009 min
 Response: 7381364
 Conc: 49.93 ug/ml



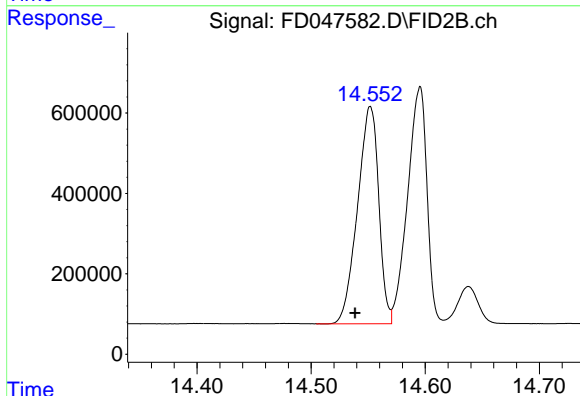
#13 Pyrene (C20.8)

R.T.: 12.684 min
 Delta R.T.: 0.010 min
 Response: 7442241
 Conc: 51.57 ug/ml

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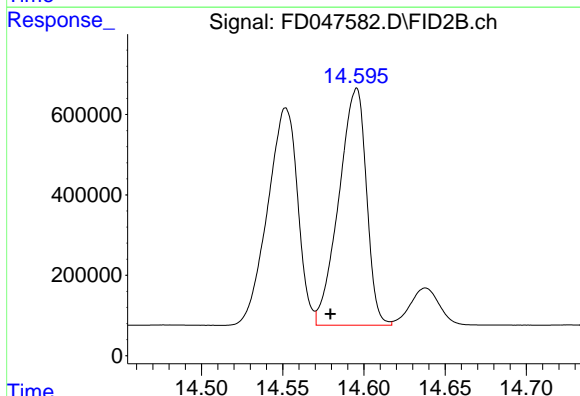
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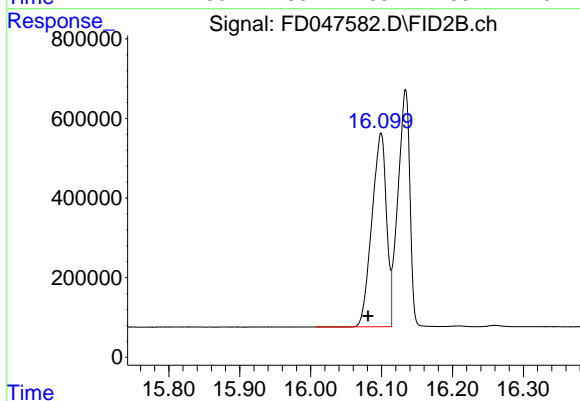
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.552 min
 Delta R.T.: 0.013 min
 Response: 6986414
 Conc: 53.12 ug/ml



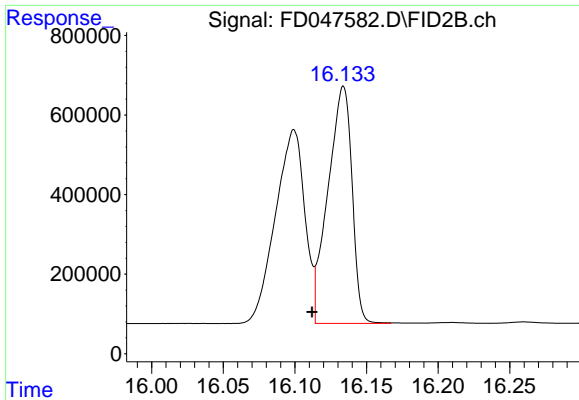
#15 Chrysene (C27.41)

R.T.: 14.595 min
 Delta R.T.: 0.015 min
 Response: 6961953
 Conc: 49.37 ug/ml



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

R.T.: 16.099 min
 Delta R.T.: 0.018 min
 Response: 6960764
 Conc: 49.89 ug/ml



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

R.T.: 16.133 min
 Delta R.T.: 0.022 min
 Response: 6906243
 Conc: 49.65 ug/ml

Instrument :

FID_D

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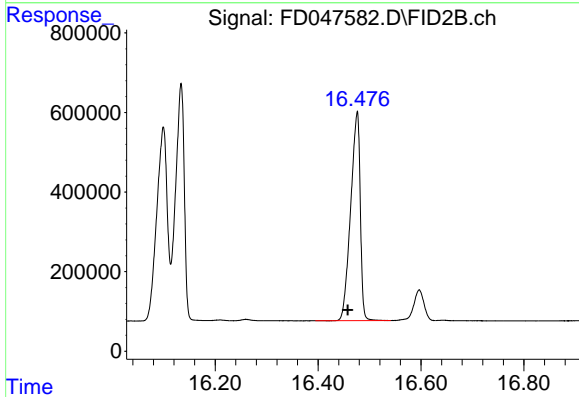
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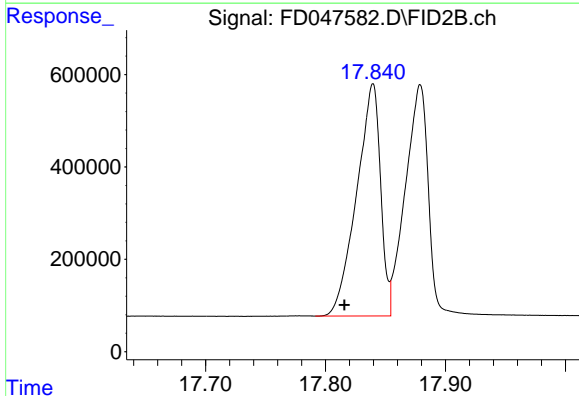
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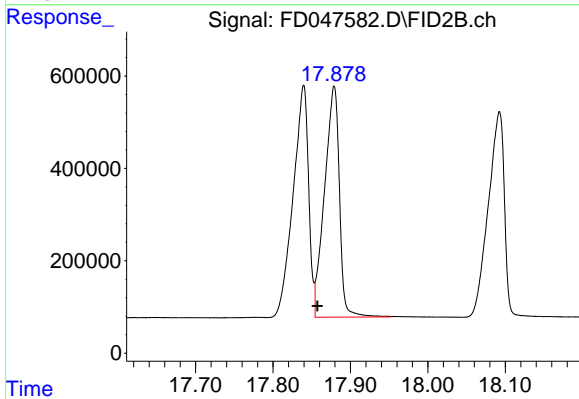
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
 Delta R.T.: 0.018 min
 Response: 6797362
 Conc: 49.51 ug/ml



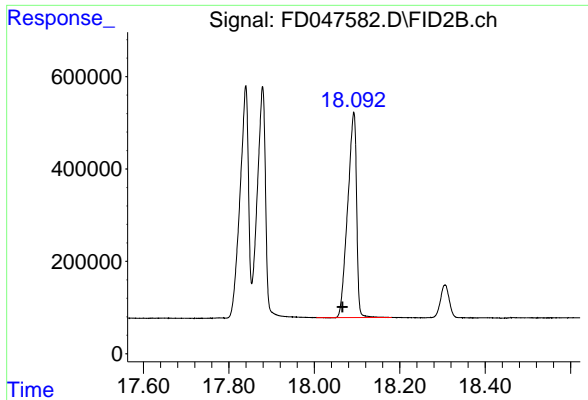
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.840 min
 Delta R.T.: 0.024 min
 Response: 6998030
 Conc: 51.88 ug/ml m



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

R.T.: 17.878 min
 Delta R.T.: 0.021 min
 Response: 6661988
 Conc: 49.57 ug/ml m



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

R.T.: 18.092 min
Delta R.T.: 0.026 min
Response: 6417404
Conc: 46.24 ug/ml

Instrument :

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