

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047702.D
 Signal(s) : FID2B.ch
 Acq On : 10 May 2024 14:29
 Operator : YP/AJ
 Sample : PB160813BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160813BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2024
 Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 11 00:55:18 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...	7.463	7139370	45.523 ug/ml
Spiked Amount 50.000		Recovery =	91.05%
6) S 2-Fluorobiphenyl (SURR)	8.317	4321440	41.313 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.63%
11) S ortho-Terphenyl (SURR)	11.357	6372372	33.980 ug/ml
Spiked Amount 50.000		Recovery =	67.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	5463021	33.789 ug/ml
2) T Naphthalene (C11.7)	5.800	6388404	37.755 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	6569095	38.564 ug/ml
5) T Acenaphthylene (C15.06)	8.120	6964331	42.704 ug/ml
7) T Acenaphthene (C15.5)	8.416	6778968	40.328 ug/ml
8) T Flouorene (C16.55)	9.196	7107973	42.731 ug/ml
9) T Phenanthrene (C19.36)	10.587	7311672	44.660 ug/ml
10) T Anthracene (C19.43)	10.662	7232766	48.288 ug/ml
12) T Fluoranthene (C21.85)	12.395	7484132	45.103 ug/ml
13) T Pyrene (C20.8)	12.690	7581185	46.593 ug/ml
14) T Benzo[a]anthracene (C...	14.560	7032240	48.175 ug/ml
15) T Chrysene (C27.41)	14.603	6996702	44.400 ug/ml
16) T benzo[b]fluoranthene ...	16.108	6768815	45.319 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	6838546	45.423 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.486	6593901	45.698 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	6794474	50.063 ug/ml
20) T Dibenz[a,h]anthracene...	17.889	6426178	44.883 ug/ml
21) T Benzo[g,h,i]perylene ...	18.104	6227663	45.359 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Time: May 11 00:55:18 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

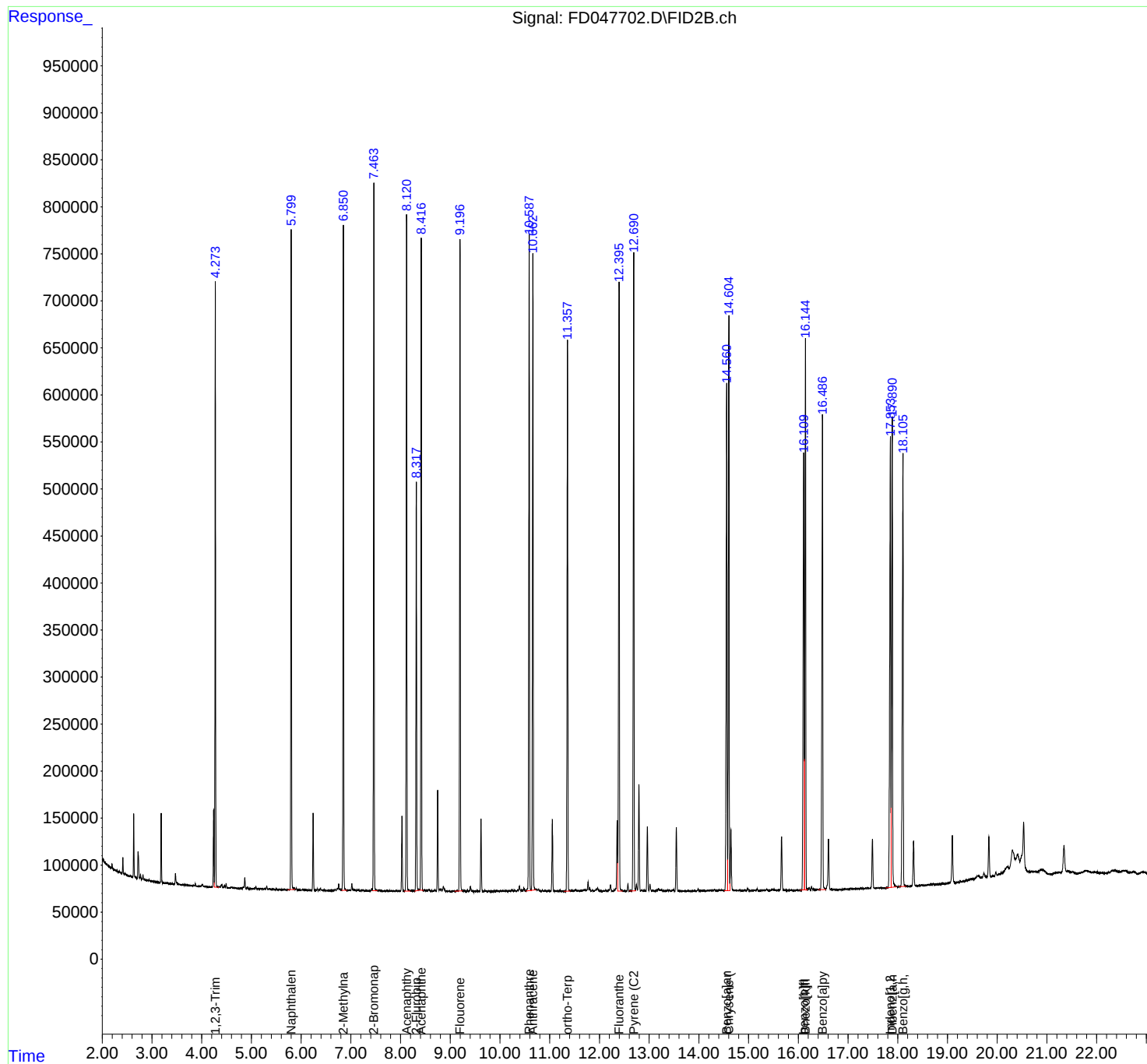
Response via : Initial Calibration

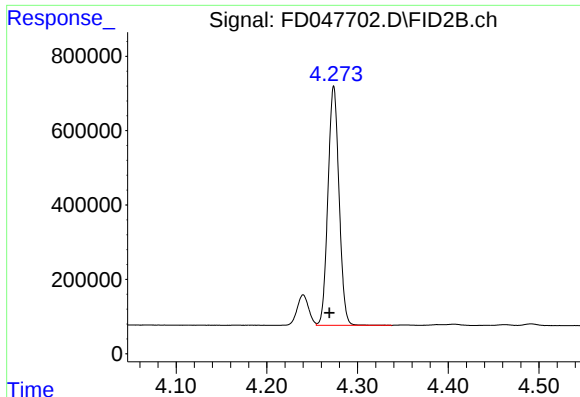
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





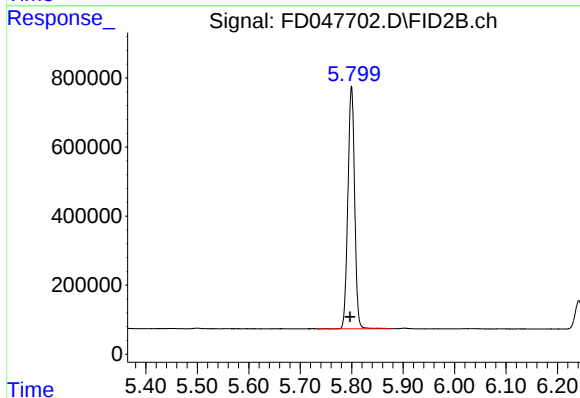
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: 0.005 min
Response: 5463021
Conc: 33.79 ug/ml

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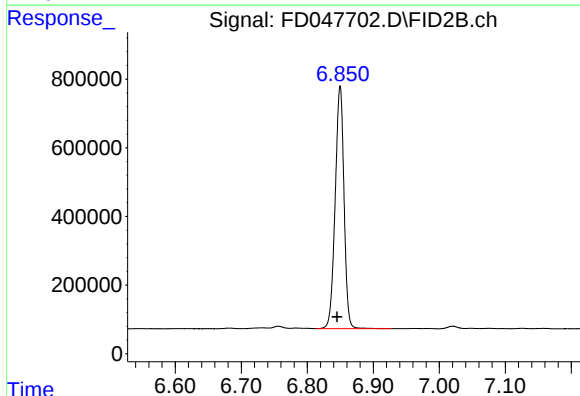
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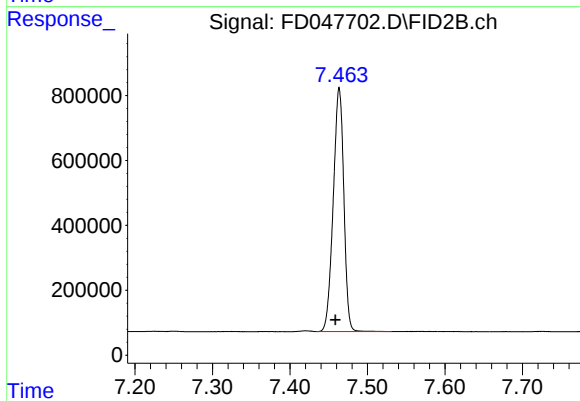
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 6388404
Conc: 37.76 ug/ml



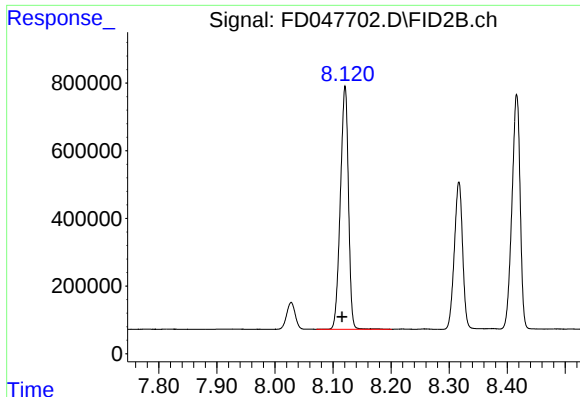
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.004 min
Response: 6569095
Conc: 38.56 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.005 min
Response: 7139370
Conc: 45.52 ug/ml



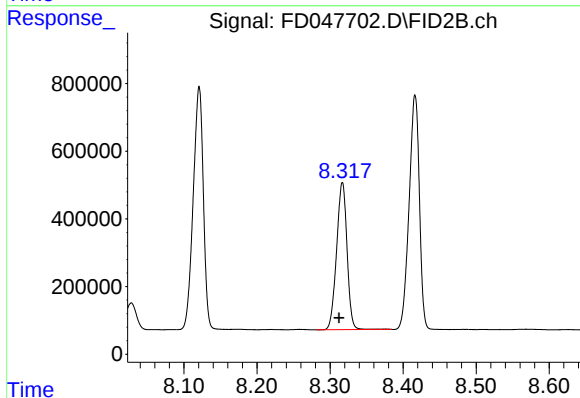
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: 0.005 min
Response: 6964331
Conc: 42.70 ug/ml

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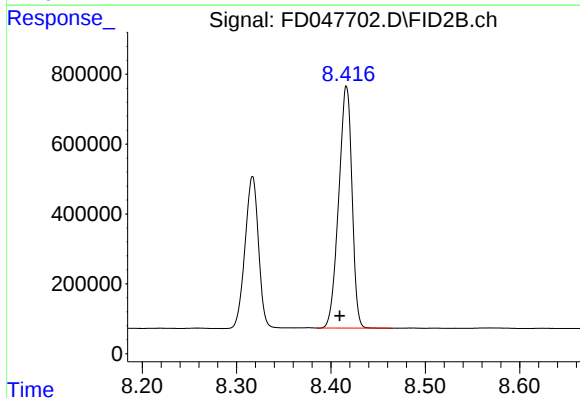
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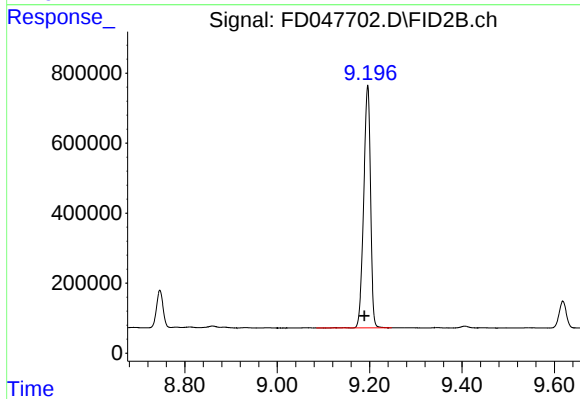
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.004 min
Response: 4321440
Conc: 41.31 ug/ml



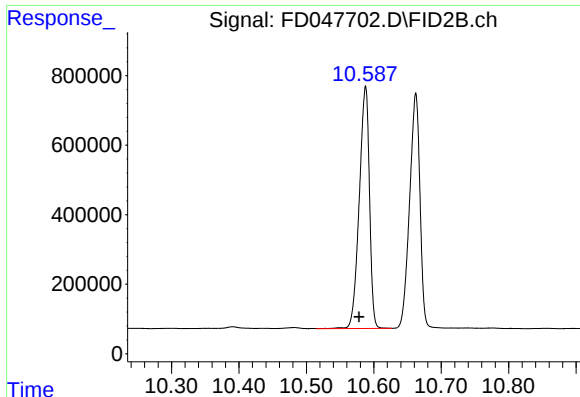
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: 0.007 min
Response: 6778968
Conc: 40.33 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.196 min
Delta R.T.: 0.007 min
Response: 7107973
Conc: 42.73 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.009 min
Response: 7311672
Conc: 44.66 ug/ml

Instrument :

FID_D

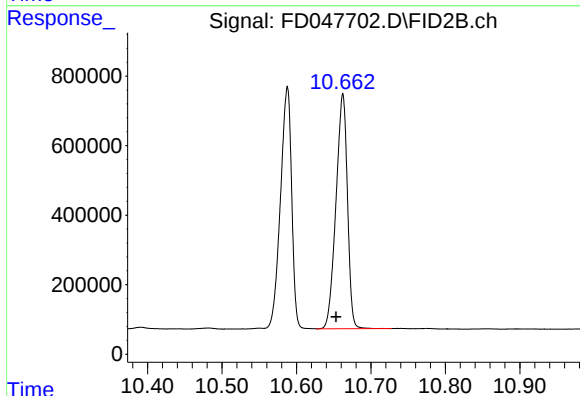
ClientSampleId :

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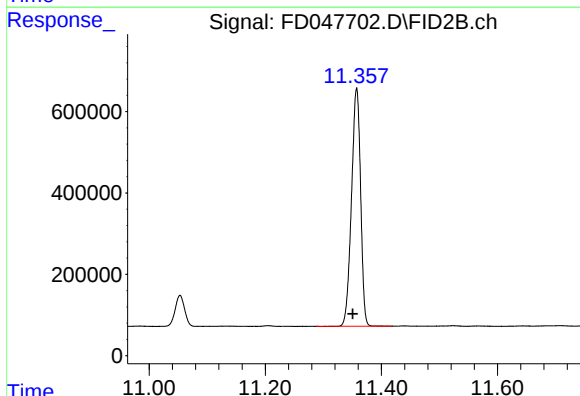
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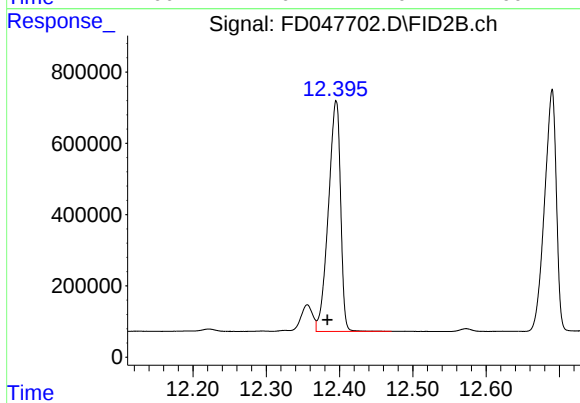
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.009 min
Response: 7232766
Conc: 48.29 ug/ml



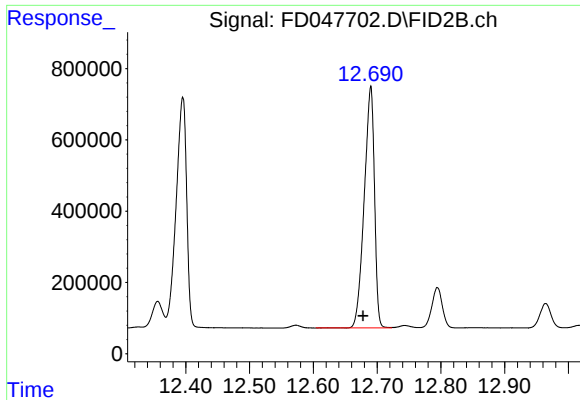
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.007 min
Response: 6372372
Conc: 33.98 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.011 min
Response: 7484132
Conc: 45.10 ug/ml



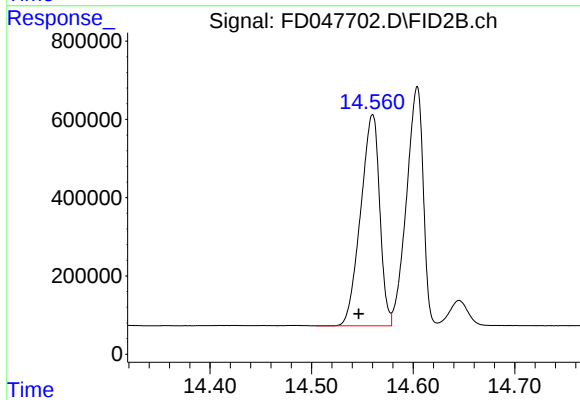
#13 Pyrene (C20.8)

R.T.: 12.690 min
Delta R.T.: 0.011 min
Response: 7581185
Conc: 46.59 ug/ml

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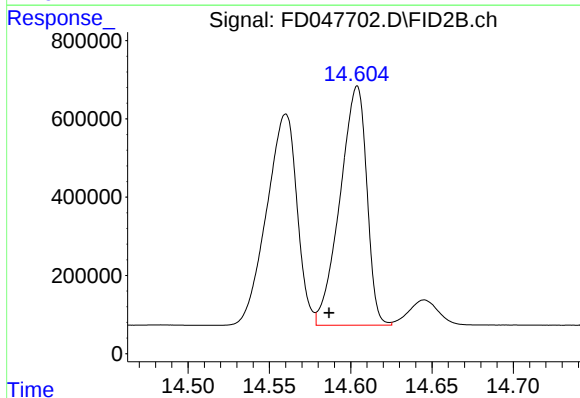
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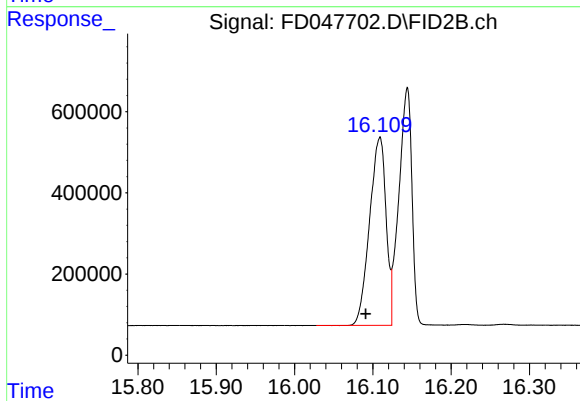
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.013 min
Response: 7032240
Conc: 48.17 ug/ml



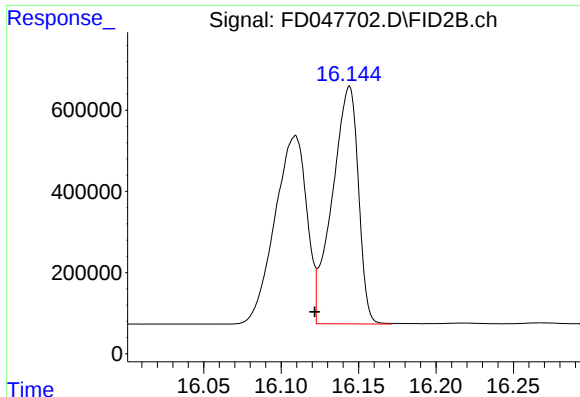
#15 Chrysene (C27.41)

R.T.: 14.603 min
Delta R.T.: 0.017 min
Response: 6996702
Conc: 44.40 ug/ml



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

R.T.: 16.108 min
Delta R.T.: 0.017 min
Response: 6768815
Conc: 45.32 ug/ml



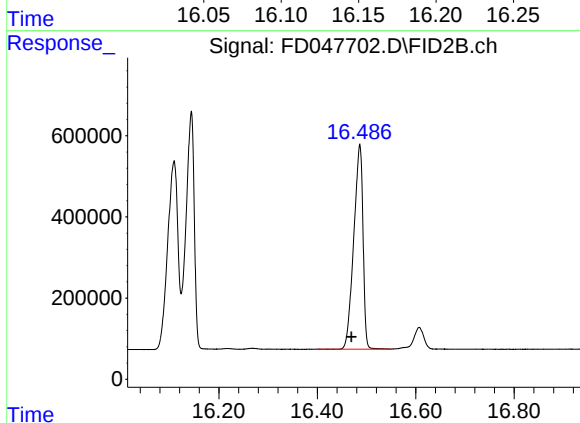
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.144 min
Delta R.T.: 0.022 min
Response: 6838546
Conc: 45.42 ug/ml

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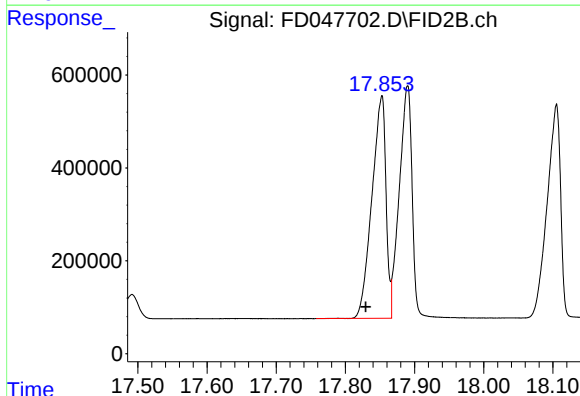
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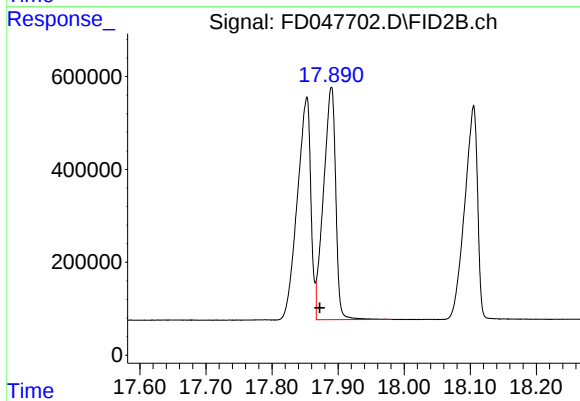
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.486 min
Delta R.T.: 0.017 min
Response: 6593901
Conc: 45.70 ug/ml



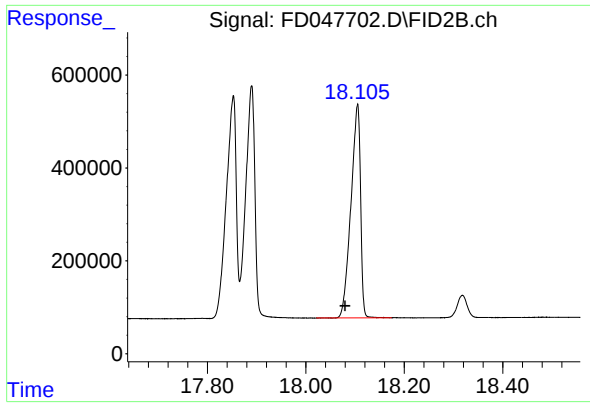
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.852 min
Delta R.T.: 0.022 min
Response: 6794474
Conc: 50.06 ug/ml



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

R.T.: 17.889 min
Delta R.T.: 0.017 min
Response: 6426178
Conc: 44.88 ug/ml



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

R.T.: 18.104 min
Delta R.T.: 0.024 min
Response: 6227663
Conc: 45.36 ug/ml

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