

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032824AR\
 Data File : FD047439.D
 Signal(s) : FID2B.ch
 Acq On : 28 Mar 2024 17:19
 Operator : YP/AJ
 Sample : PB159832BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159832BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/29/2024
 Supervised By :Ankita Jodhani 03/29/2024

Integration File: autoint1.e
 Quant Time: Mar 29 04:20:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rx1-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.455	8549864	51.766 ug/ml
Spiked Amount 50.000		Recovery =	103.53%
6) S 2-Fluorobiphenyl (SURR)	8.307	4511782	42.402 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.80%
11) S ortho-Terphenyl (SURR)	11.342	8452115	45.290 ug/ml
Spiked Amount 50.000		Recovery =	90.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	7838988	44.108 ug/ml
2) T Naphthalene (C11.7)	5.797	9434529	51.733 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	10161555	55.717 ug/ml
5) T Acenaphthylene (C15.06)	8.114	11195297	67.150 ug/ml
7) T Acenaphthene (C15.5)	8.409	11081017	62.896 ug/ml
8) T Flouorene (C16.55)	9.187	11776910	69.915 ug/ml
9) T Phenanthrene (C19.36)	10.576	12049171	74.399 ug/ml
10) T Anthracene (C19.43)	10.652	11875049	80.689 ug/ml
12) T Fluoranthene (C21.85)	12.379	11979000	75.140 ug/ml
13) T Pyrene (C20.8)	12.674	12126575	78.383 ug/ml
14) T Benzo[a]anthracene (C...	14.538	11209308	82.688 ug/ml
15) T Chrysene (C27.41)	14.584	10997420	74.084 ug/ml
16) T benzo[b]fluoranthene ...	16.081	11020182	78.502 ug/ml
17) T Bnezo[k]fluoranthene ...	16.119	10720235	75.702 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.458	10518448	76.144 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.820	11164886	89.332 ug/ml
20) T Dibenz[a,h]anthracene...	17.860	9926661	75.274 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	10054385	74.830 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M

Quant Title : GC Extractables

QLast Update : Mon Mar 04 13:13:44 2024

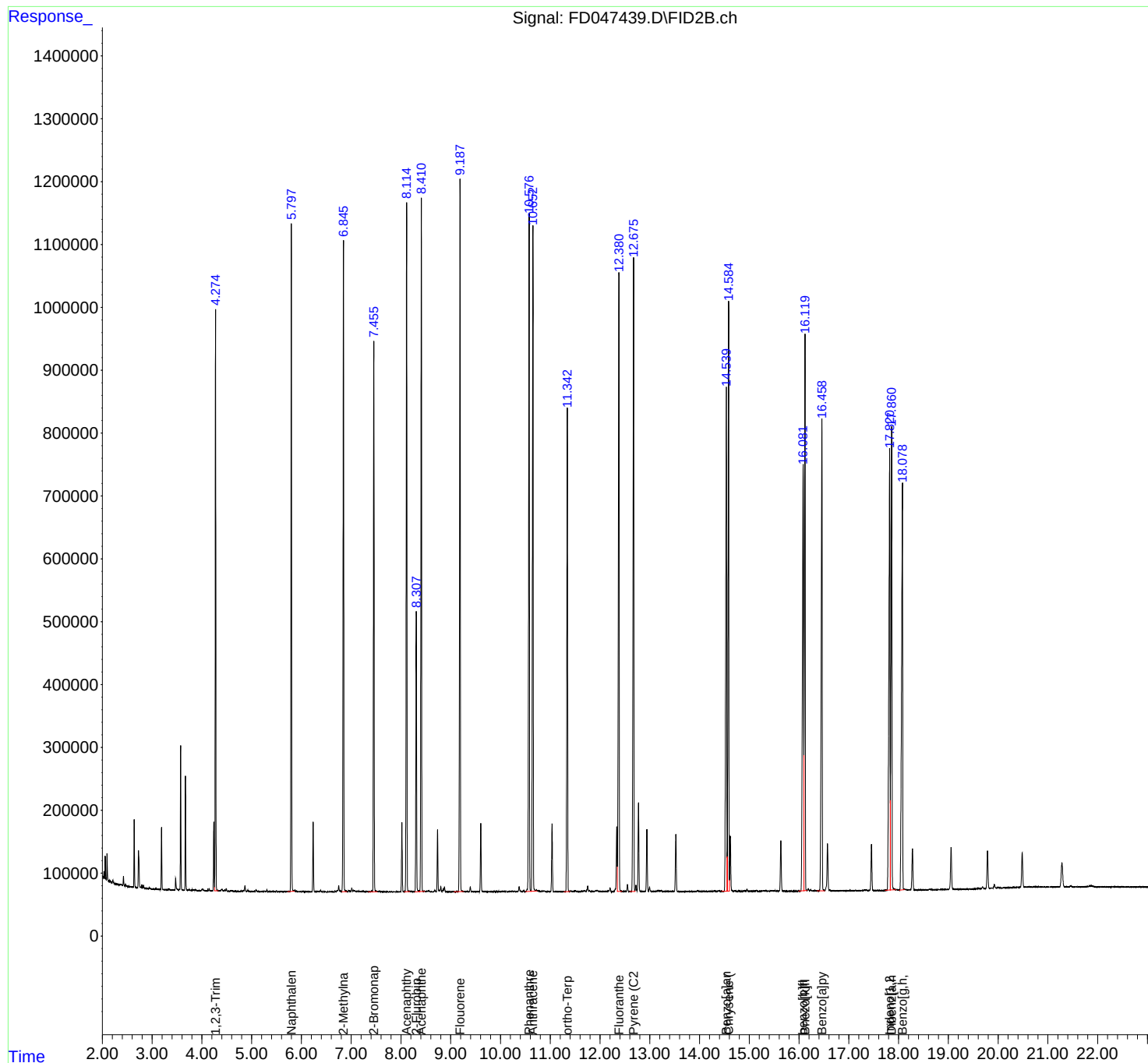
Response via : Initial Calibration

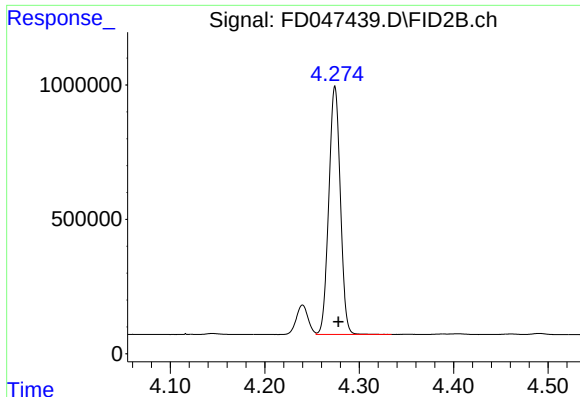
Integrator: ChemStation

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.: -0.004 min
Response: 7838988
Conc: 44.11 ug/ml

Instrument :

FID_D

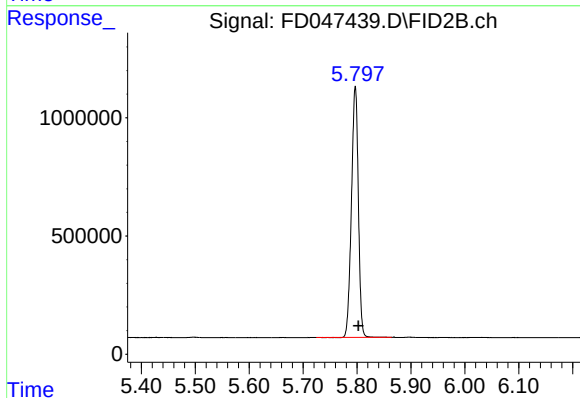
ClientSampleId :

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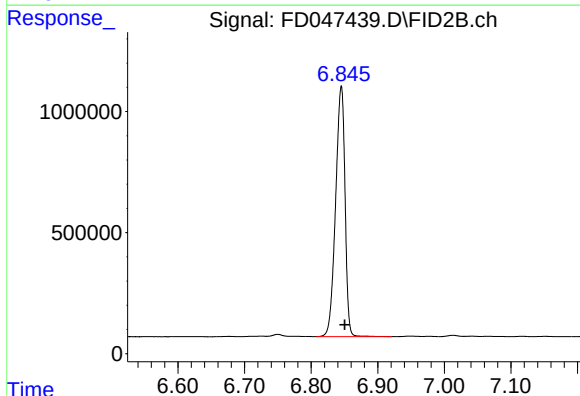
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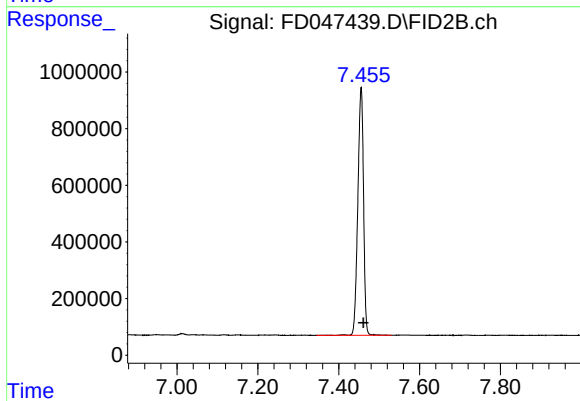
#2 Naphthalene (C11.7)

R.T.: 5.797 min
Delta R.T.: -0.006 min
Response: 9434529
Conc: 51.73 ug/ml



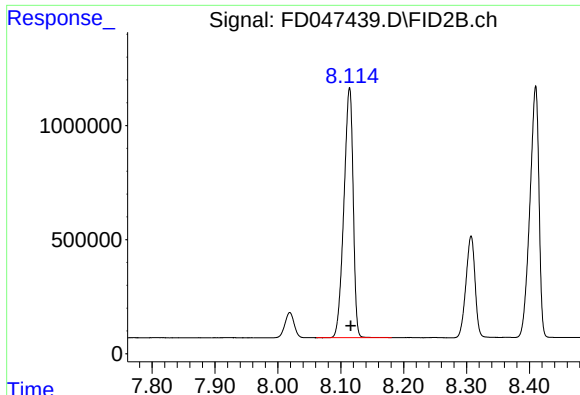
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.005 min
Response: 10161555
Conc: 55.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.455 min
Delta R.T.: -0.006 min
Response: 8549864
Conc: 51.77 ug/ml



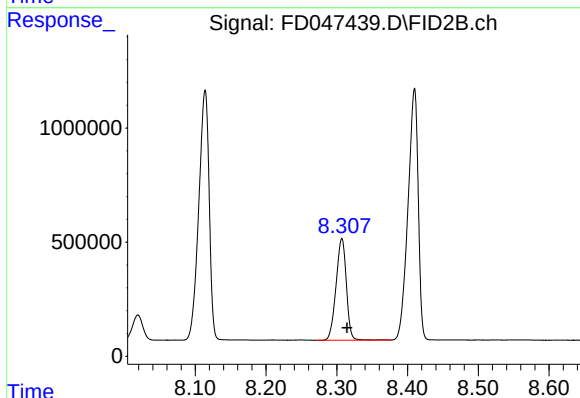
#5 Acenaphthylene (C15.06)

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 11195297
Conc: 67.15 ug/ml

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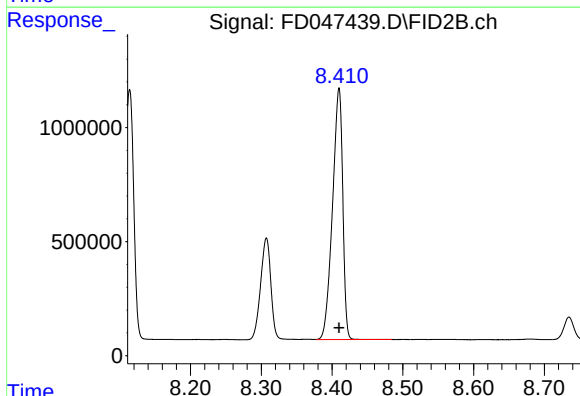
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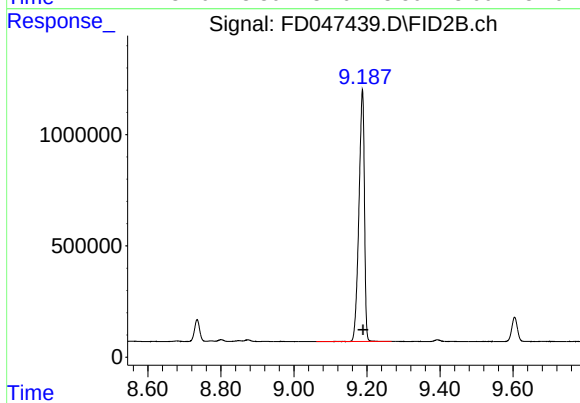
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.307 min
Delta R.T.: -0.008 min
Response: 4511782
Conc: 42.40 ug/ml



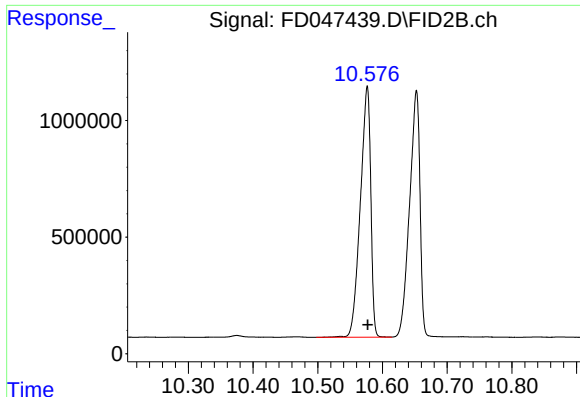
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 11081017
Conc: 62.90 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.187 min
Delta R.T.: -0.003 min
Response: 11776910
Conc: 69.91 ug/ml



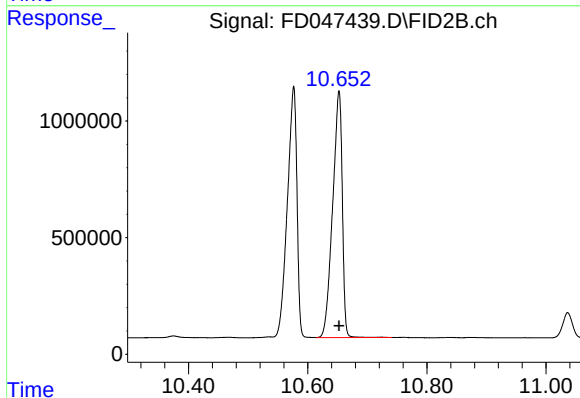
#9 Phenanthrene (C19.36)

R.T.: 10.576 min
Delta R.T.: -0.001 min
Response: 12049171
Conc: 74.40 ug/ml

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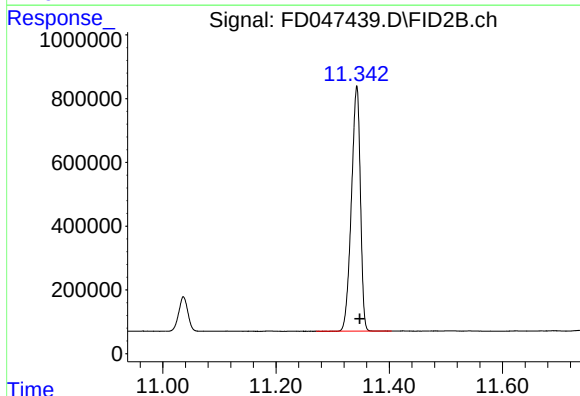
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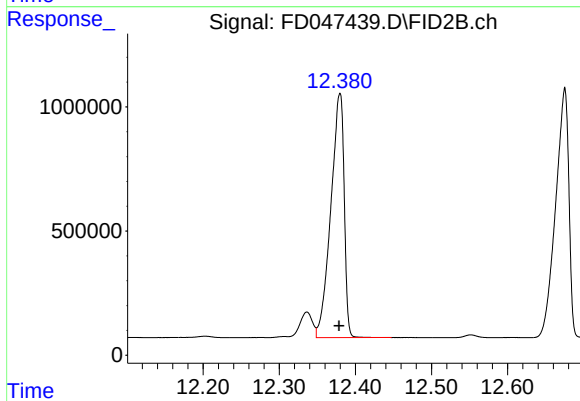
#10 Anthracene (C19.43)

R.T.: 10.652 min
Delta R.T.: -0.001 min
Response: 11875049
Conc: 80.69 ug/ml



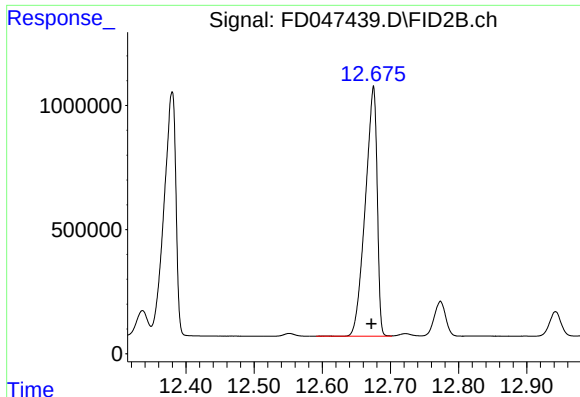
#11 ortho-Terphenyl (SURR)

R.T.: 11.342 min
Delta R.T.: -0.006 min
Response: 8452115
Conc: 45.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.379 min
Delta R.T.: 0.000 min
Response: 11979000
Conc: 75.14 ug/ml



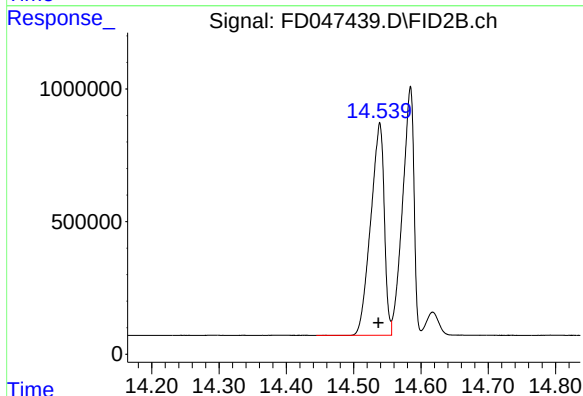
#13 Pyrene (C20.8)

R.T.: 12.674 min
Delta R.T.: 0.002 min
Response: 12126575
Conc: 78.38 ug/ml

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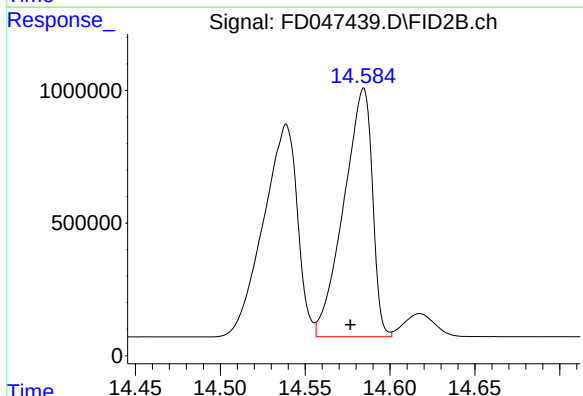
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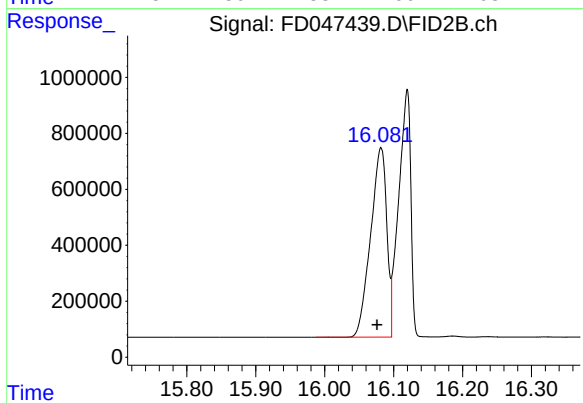
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.538 min
Delta R.T.: 0.001 min
Response: 11209308
Conc: 82.69 ug/ml



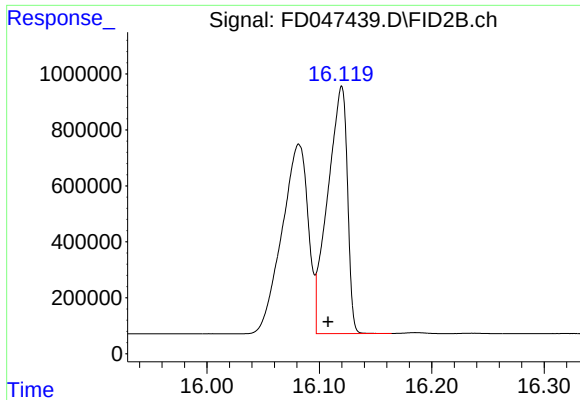
#15 Chrysene (C27.41)

R.T.: 14.584 min
Delta R.T.: 0.007 min
Response: 10997420
Conc: 74.08 ug/ml



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

R.T.: 16.081 min
Delta R.T.: 0.005 min
Response: 11020182
Conc: 78.50 ug/ml



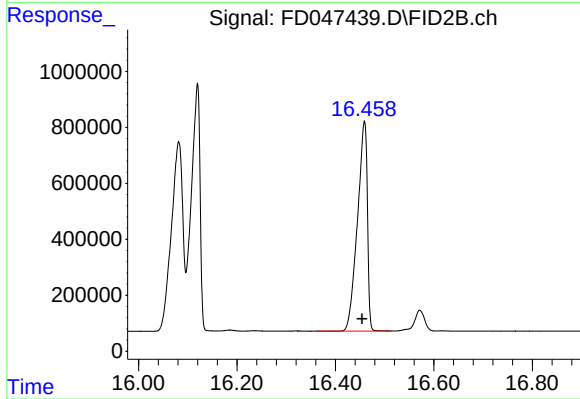
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.119 min
Delta R.T.: 0.011 min
Response: 10720235
Conc: 75.70 ug/ml

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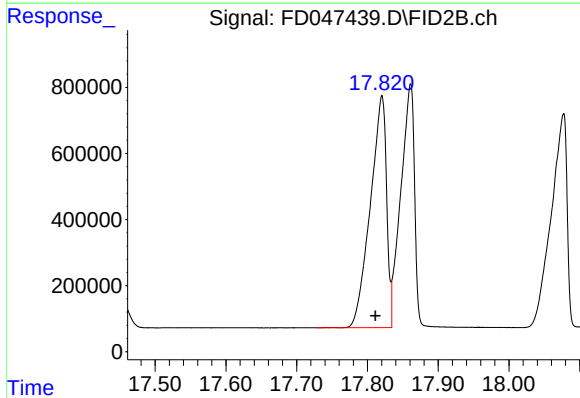
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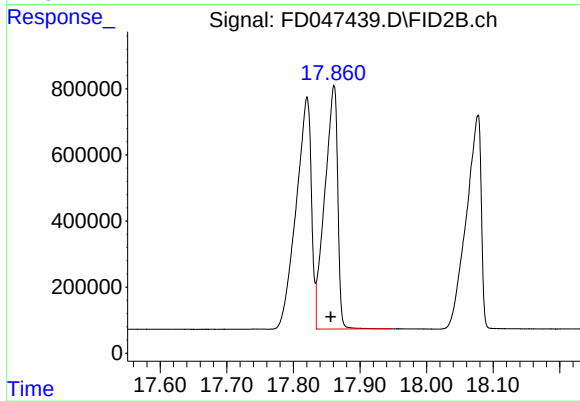
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: 0.004 min
Response: 10518448
Conc: 76.14 ug/ml



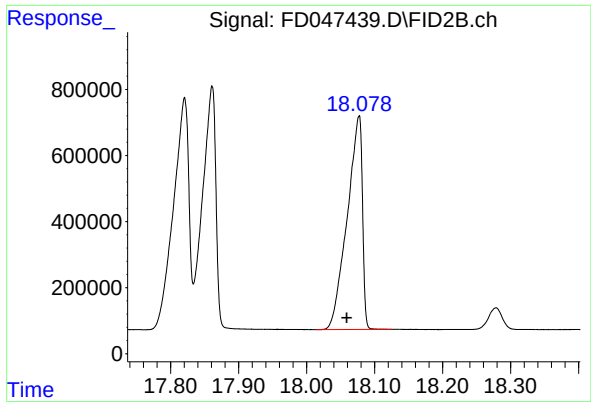
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.820 min
Delta R.T.: 0.008 min
Response: 11164886
Conc: 89.33 ug/ml



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

R.T.: 17.860 min
Delta R.T.: 0.004 min
Response: 9926661
Conc: 75.27 ug/ml



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

R.T.: 18.078 min
Delta R.T.: 0.019 min
Response: 10054385
Conc: 74.83 ug/ml

Instrument :

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