

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042424AR\
 Data File : FD047566.D
 Signal(s) : FID2B.ch
 Acq On : 24 Apr 2024 23:29
 Operator : YP/AJ
 Sample : PB160472BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB160472BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/25/2024

Supervised By :Ankita Jodhani 04/25/2024

Integration File: autoint1.e

Quant Time: Apr 25 02:07:40 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	9441417	63.153 ug/ml
Spiked Amount 50.000		Recovery =	126.31%
6) S 2-Fluorobiphenyl (SURR)	8.317	6259658	64.065 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	128.13%
11) S ortho-Terphenyl (SURR)	11.356	8718356	50.858 ug/ml
Spiked Amount 50.000		Recovery =	101.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.279	6645294	42.055 ug/ml
2) T Naphthalene (C11.7)	5.801	7562619	46.215 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7770347	47.241 ug/ml
5) T Acenaphthylene (C15.06)	8.119	8030656	53.204 ug/ml
7) T Acenaphthene (C15.5)	8.415	7907716	49.373 ug/ml
8) T Flouorene (C16.55)	9.194	7985576	51.619 ug/ml
9) T Phenanthrene (C19.36)	10.584	7808657	52.484 ug/ml
10) T Anthracene (C19.43)	10.660	7695600	56.582 ug/ml
12) T Fluoranthene (C21.85)	12.391	7665245	51.852 ug/ml
13) T Pyrene (C20.8)	12.685	7760233	53.771 ug/ml
14) T Benzo[a]anthracene (C...	14.554	7223949	54.930 ug/ml
15) T Chrysene (C27.41)	14.598	7194222	51.019 ug/ml
16) T benzo[b]fluoranthene ...	16.100	7208370	51.668 ug/ml
17) T Bnezo[k]fluoranthene ...	16.136	7176871	51.599 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.478	7034444	51.233 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.841	7101059	52.643 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	6644683	49.440 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.094	6574418	47.369 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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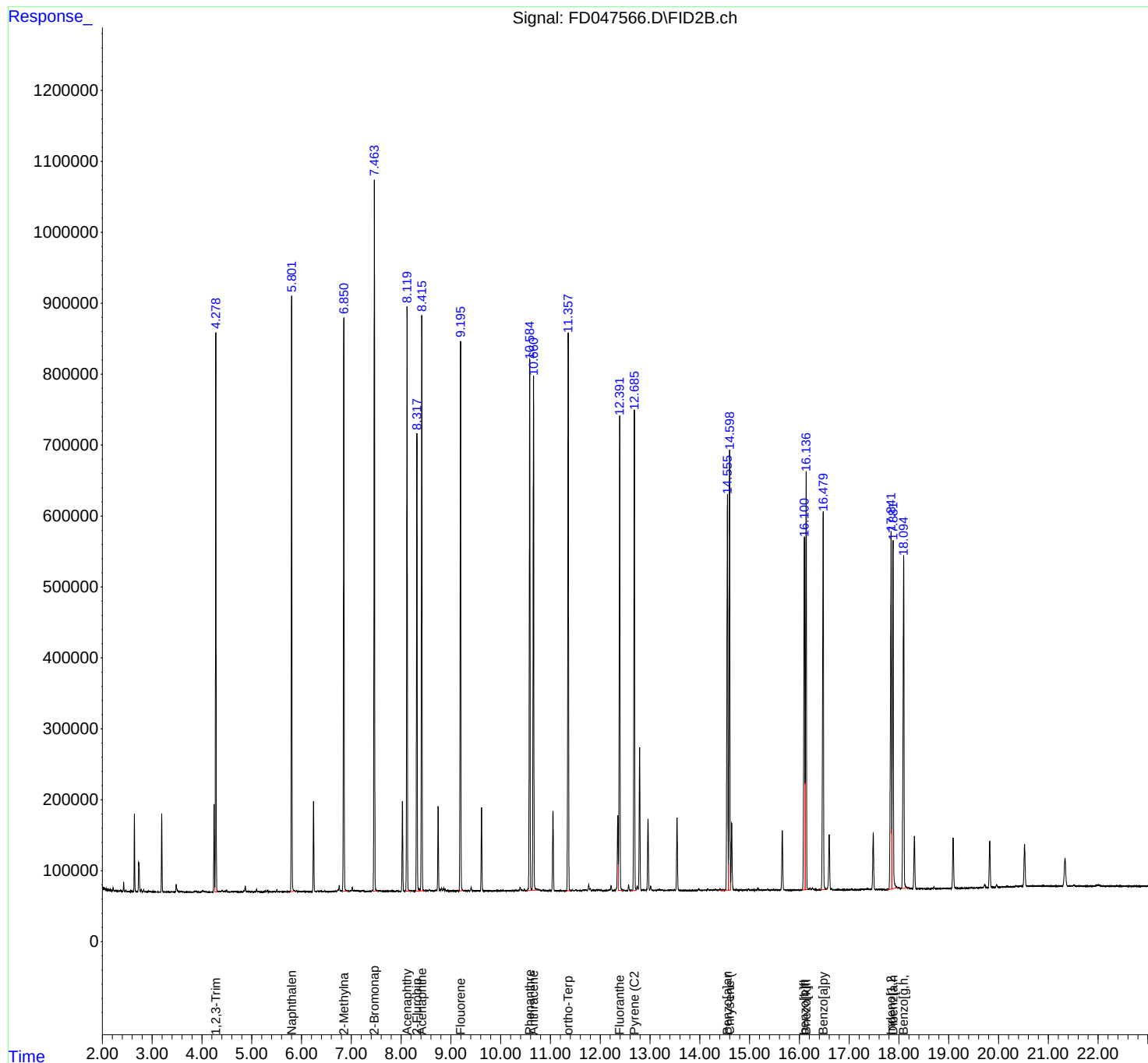
Instrument :
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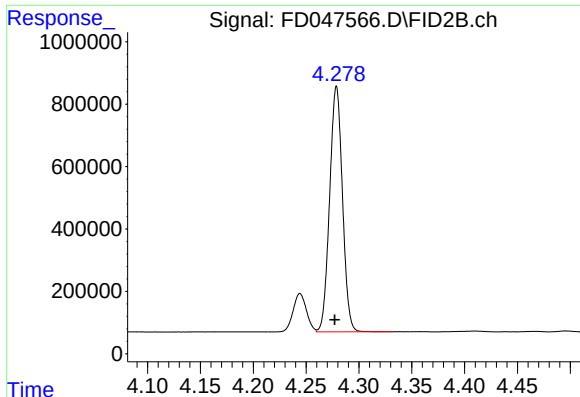
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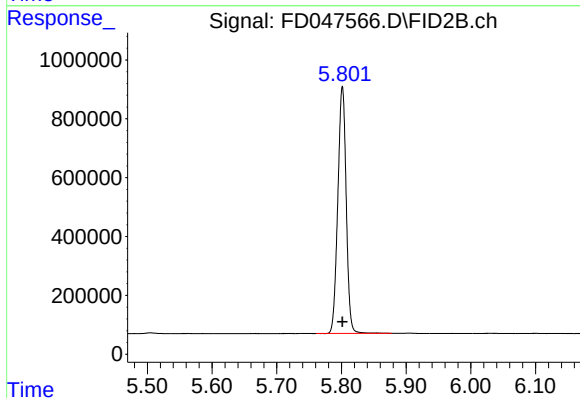
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.279 min
Delta R.T.: 0.002 min
Response: 6645294
Conc: 42.05 ug/ml

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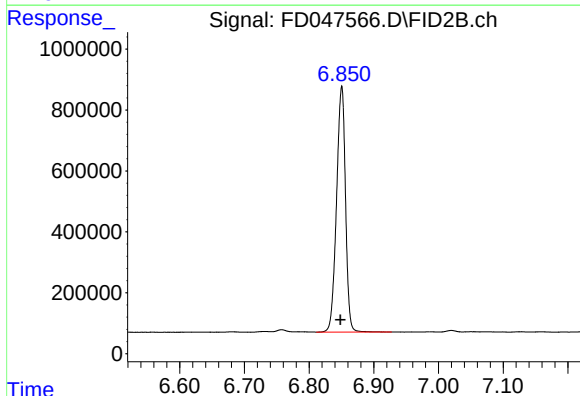
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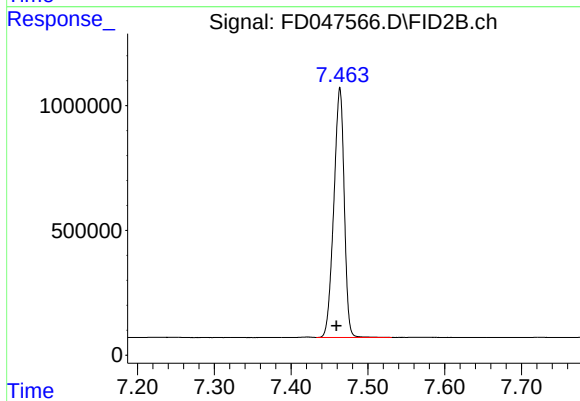
#2 Naphthalene (C11.7)

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: 7562619
Conc: 46.21 ug/ml



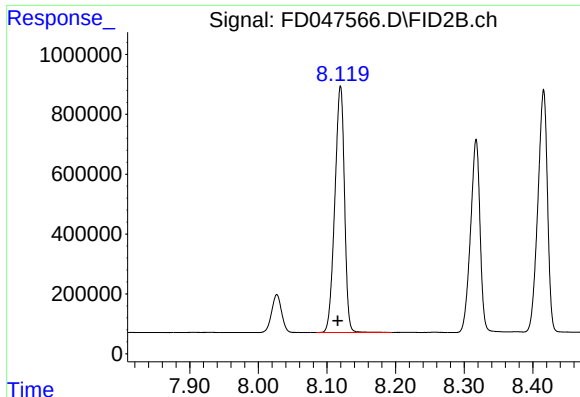
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 7770347
Conc: 47.24 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 9441417
Conc: 63.15 ug/ml



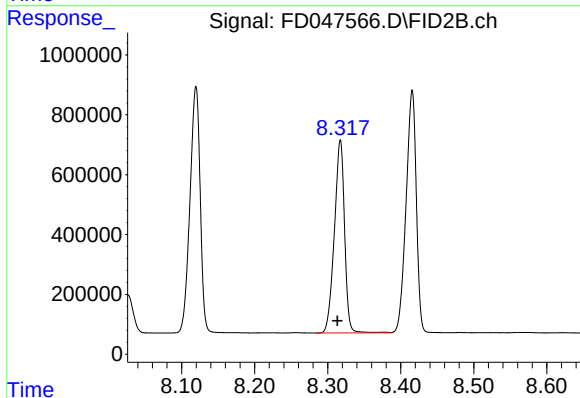
#5 Acenaphthylene (C15.06)

R.T.: 8.119 min
Delta R.T.: 0.004 min
Response: 8030656
Conc: 53.20 ug/ml

Instrument :
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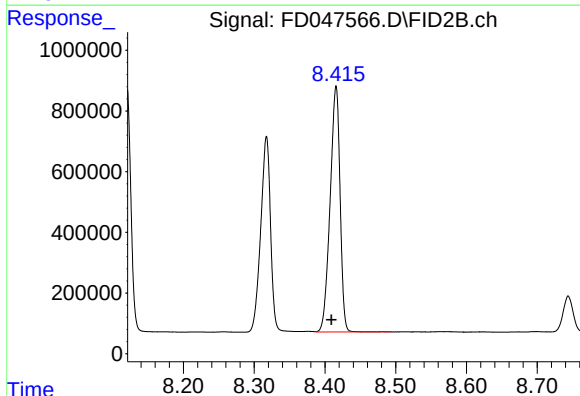
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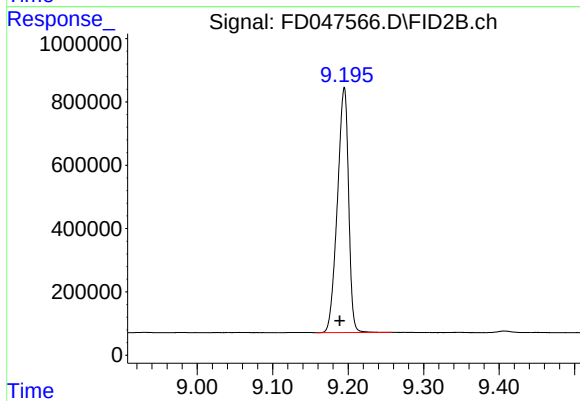
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.004 min
Response: 6259658
Conc: 64.07 ug/ml



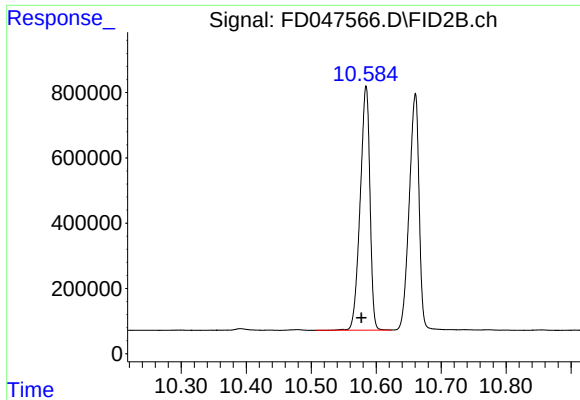
#7 Acenaphthene (C15.5)

R.T.: 8.415 min
Delta R.T.: 0.006 min
Response: 7907716
Conc: 49.37 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.194 min
Delta R.T.: 0.006 min
Response: 7985576
Conc: 51.62 ug/ml



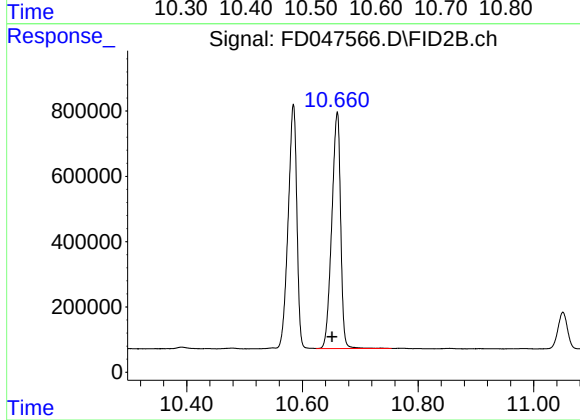
#9 Phenanthrene (C19.36)

R.T.: 10.584 min
Delta R.T.: 0.007 min
Response: 7808657
Conc: 52.48 ug/ml

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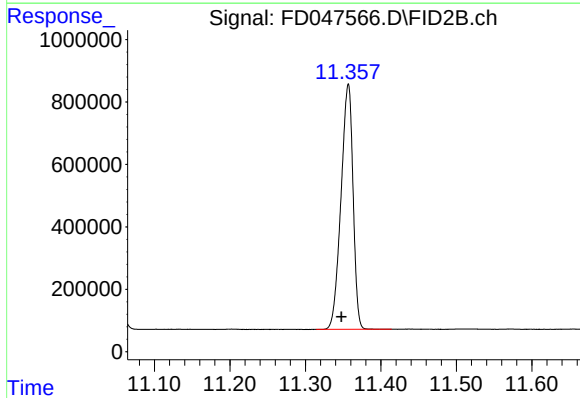
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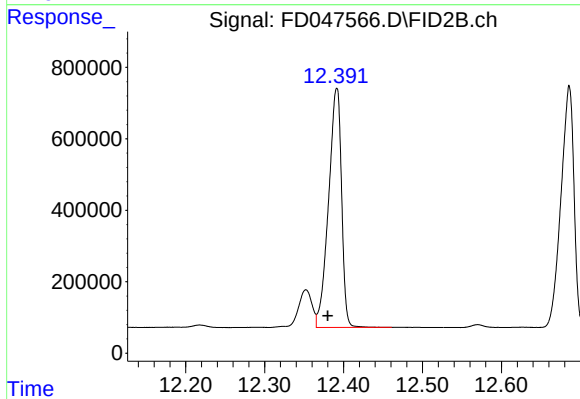
#10 Anthracene (C19.43)

R.T.: 10.660 min
Delta R.T.: 0.008 min
Response: 7695600
Conc: 56.58 ug/ml



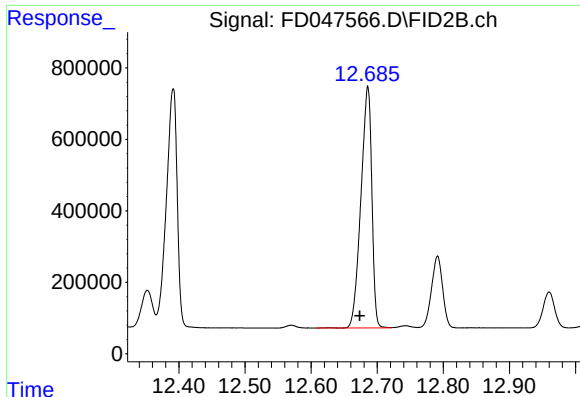
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.009 min
Response: 8718356
Conc: 50.86 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.391 min
Delta R.T.: 0.011 min
Response: 7665245
Conc: 51.85 ug/ml



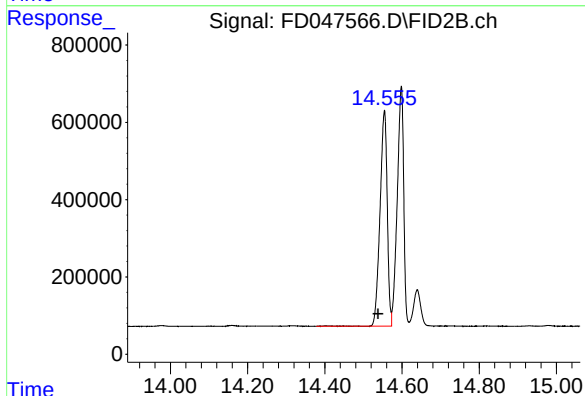
#13 Pyrene (C20.8)

R.T.: 12.685 min
Delta R.T.: 0.011 min
Response: 7760233
Conc: 53.77 ug/ml

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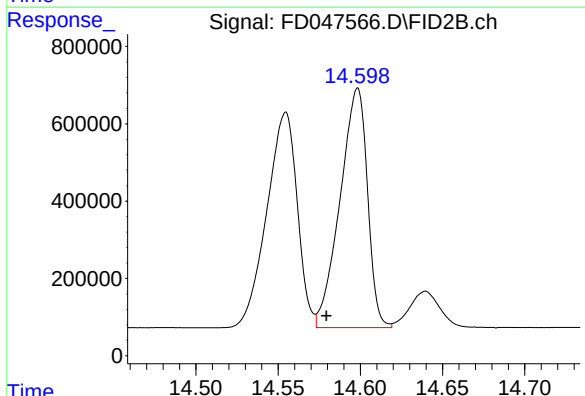
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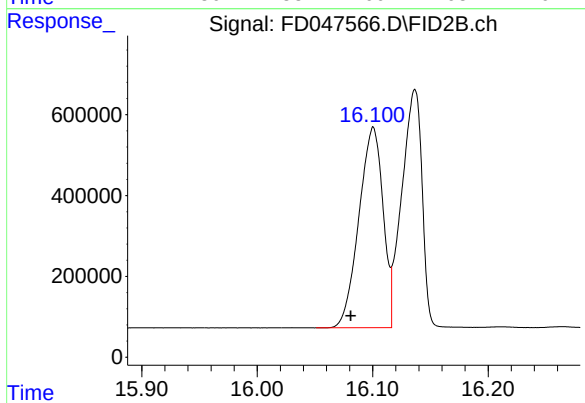
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.016 min
Response: 7223949
Conc: 54.93 ug/ml



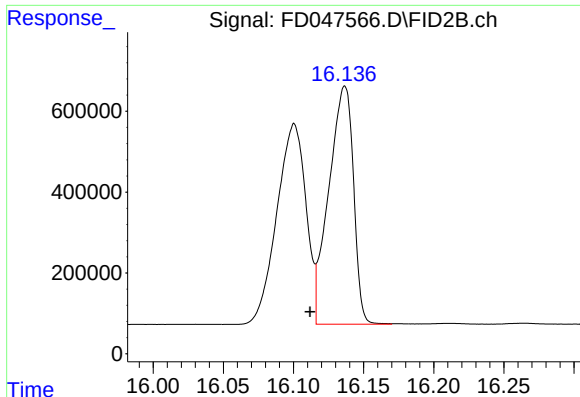
#15 Chrysene (C27.41)

R.T.: 14.598 min
Delta R.T.: 0.018 min
Response: 7194222
Conc: 51.02 ug/ml



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

R.T.: 16.100 min
Delta R.T.: 0.019 min
Response: 7208370
Conc: 51.67 ug/ml



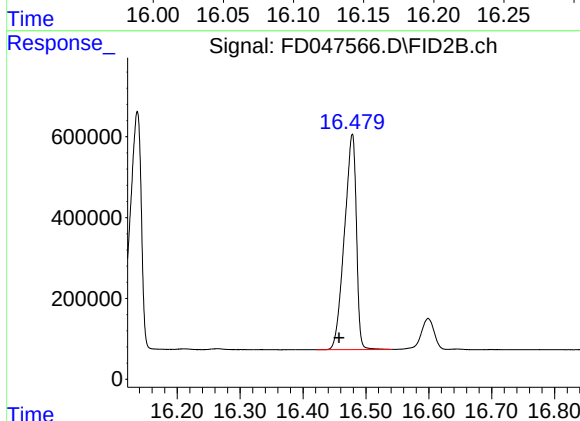
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.136 min
Delta R.T.: 0.024 min
Response: 7176871
Conc: 51.60 ug/ml

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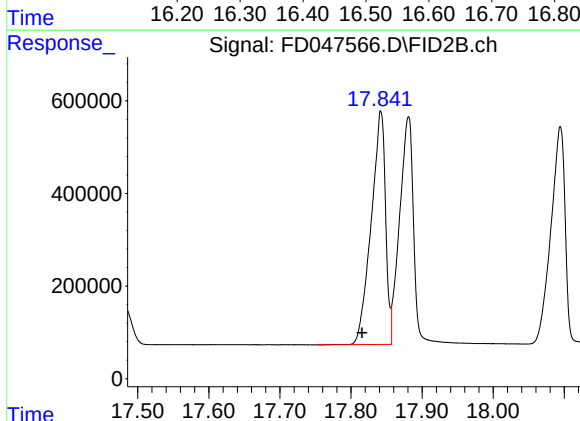
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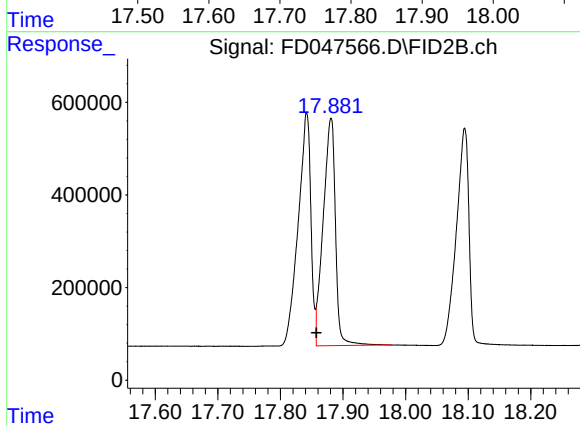
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.478 min
Delta R.T.: 0.020 min
Response: 7034444
Conc: 51.23 ug/ml



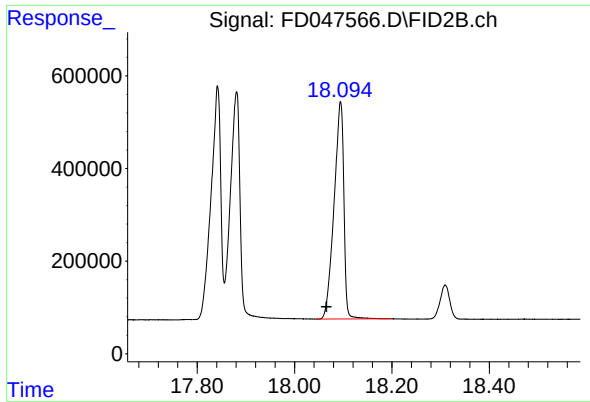
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.841 min
Delta R.T.: 0.026 min
Response: 7101059
Conc: 52.64 ug/ml



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

R.T.: 17.881 min
Delta R.T.: 0.023 min
Response: 6644683
Conc: 49.44 ug/ml m



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

R.T.: 18.094 min
Delta R.T.: 0.028 min
Response: 6574418
Conc: 47.37 ug/ml

Instrument :

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