

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022224AR\
 Data File : FD047286.D
 Signal(s) : FID2B.ch
 Acq On : 23 Feb 2024 00:51
 Operator : YP/AJ
 Sample : P1523-05MSD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

20240765-COMPOSITE-39N-N-3-03MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/23/2024

Supervised By :Ankita Jodhani 02/23/2024

Integration File: autoint1.e

Quant Time: Feb 23 03:50:54 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M

Quant Title : GC Extractables

QLast Update : Thu Feb 08 13:43:49 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...	7.467	9452911	62.091 ug/mlm
Spiked Amount 50.000		Recovery =	124.18%
6) S 2-Fluorobiphenyl (SURR)	8.320	5172368	51.171 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.34%
11) S ortho-Terphenyl (SURR)	11.357	6760859	38.333 ug/ml
Spiked Amount 50.000		Recovery =	76.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.281	7367371	46.733 ug/ml
2) T Naphthalene (C11.7)	5.806	8773880	52.792 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	9267515	54.954 ug/ml
5) T Acenaphthylene (C15.06)	8.125	9812891	63.755 ug/ml
7) T Acenaphthene (C15.5)	8.421	9693535	58.809 ug/ml
8) T Flouorene (C16.55)	9.199	10090843	63.646 ug/ml
9) T Phenanthrene (C19.36)	10.589	10206733	65.699 ug/ml
10) T Anthracene (C19.43)	10.665	10124024	68.653 ug/ml
12) T Fluoranthene (C21.85)	12.394	10321040	66.660 ug/ml
13) T Pyrene (C20.8)	12.689	10359428	68.866 ug/ml
14) T Benzo[a]anthracene (C...	14.554	9655212	71.826 ug/ml
15) T Chrysene (C27.41)	14.599	9482848	64.759 ug/ml
16) T benzo[b]fluoranthene ...	16.099	9336743	67.812 ug/ml
17) T Bnezo[k]fluoranthene ...	16.135	9174152	66.116 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	8840646	65.304 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	9467522	74.993 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	8407074	63.097 ug/ml
21) T Benzo[g,h,i]perylene ...	18.091	8454447	63.761 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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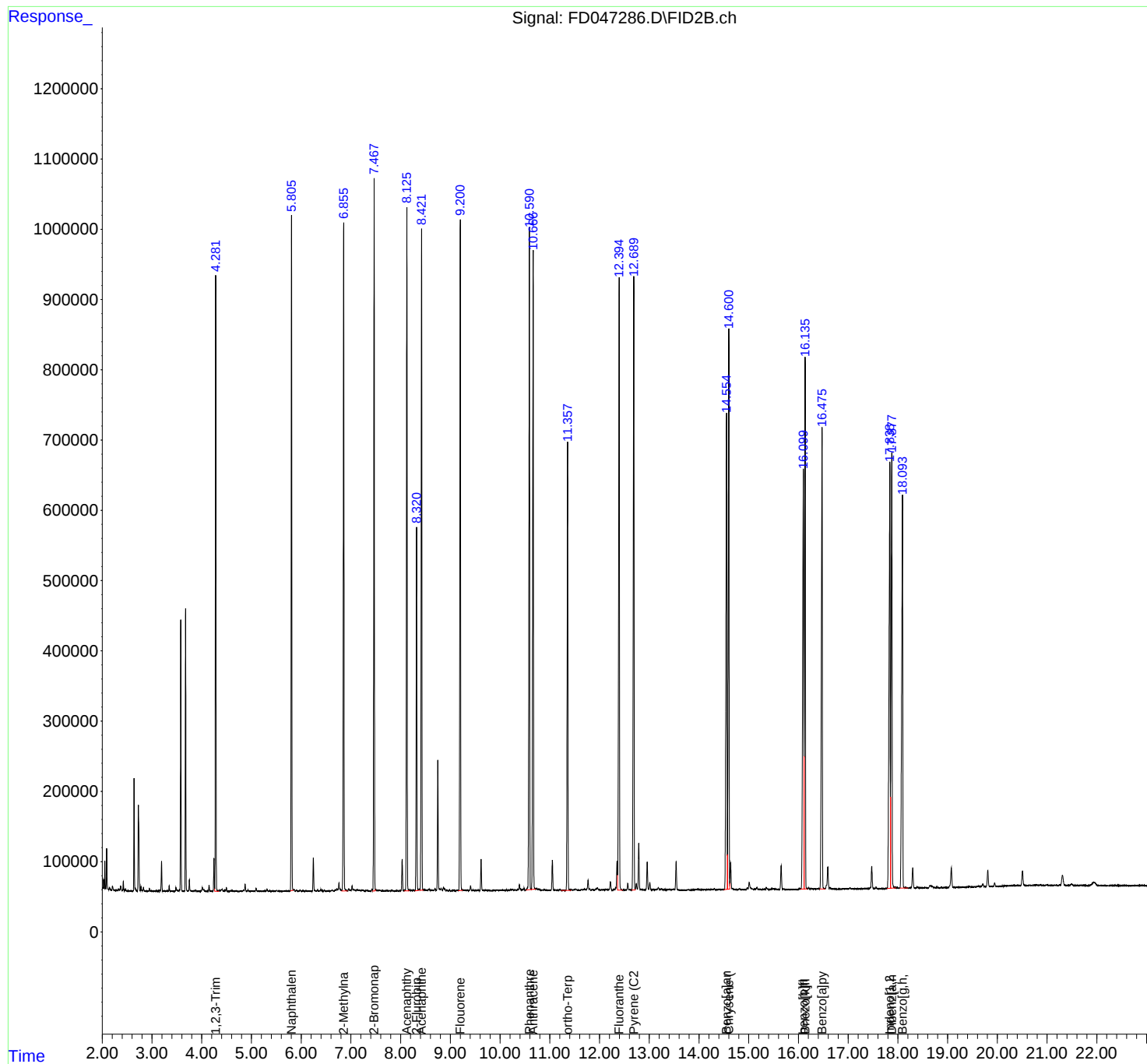
Instrument :
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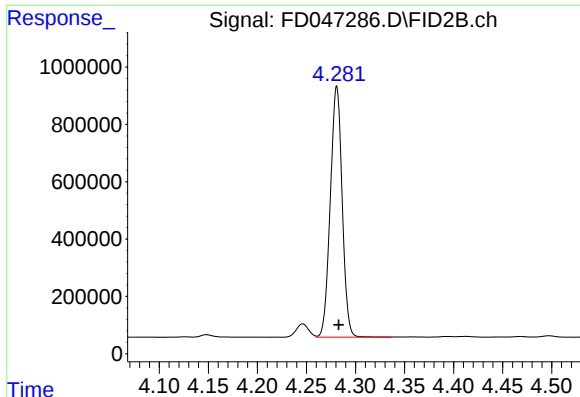
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.281 min
Delta R.T.: -0.002 min
Response: 7367371
Conc: 46.73 ug/ml

Instrument :

FID_D

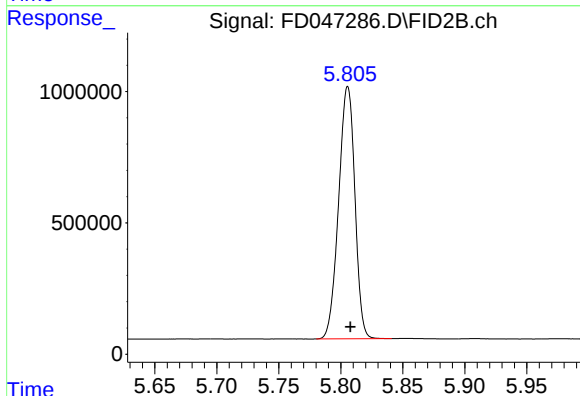
ClientSampleId :

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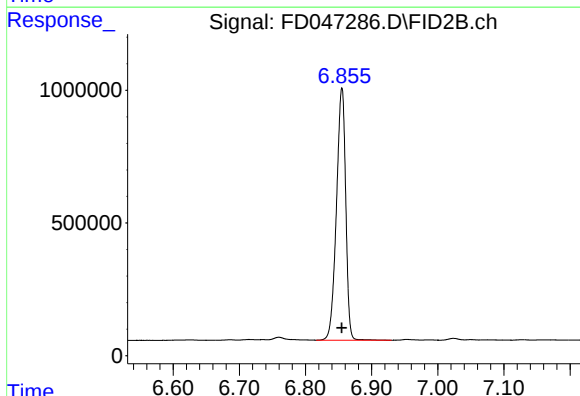
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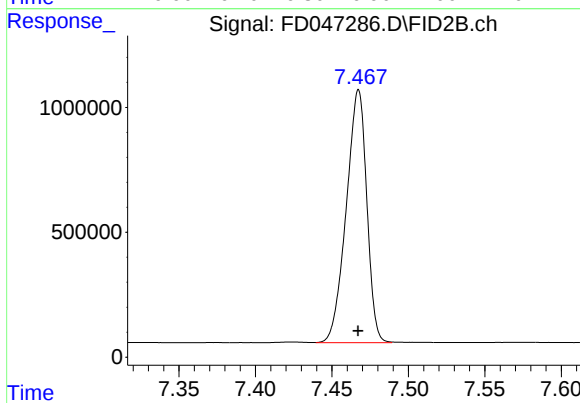
#2 Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: -0.002 min
Response: 8773880
Conc: 52.79 ug/ml



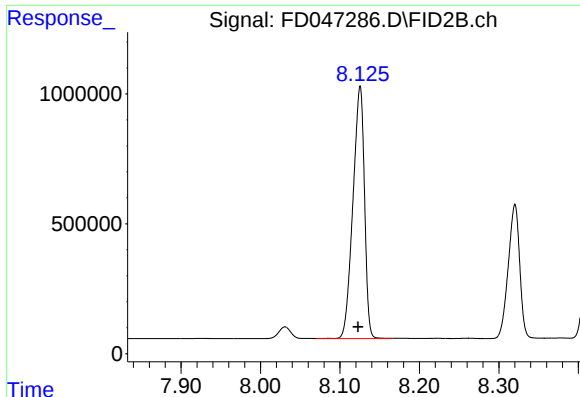
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 9267515
Conc: 54.95 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.467 min
Delta R.T.: 0.000 min
Response: 9452911
Conc: 62.09 ug/ml m



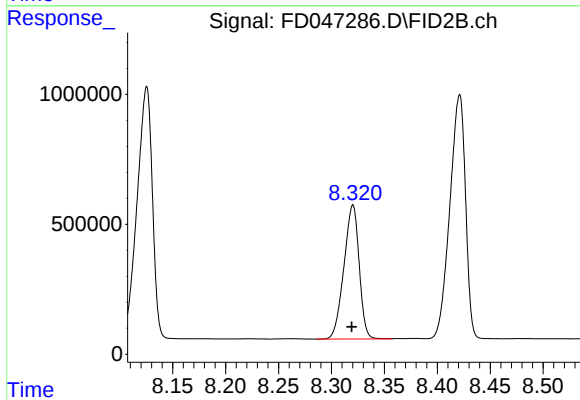
#5 Acenaphthylene (C15.06)

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 9812891
Conc: 63.76 ug/ml

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FID_D
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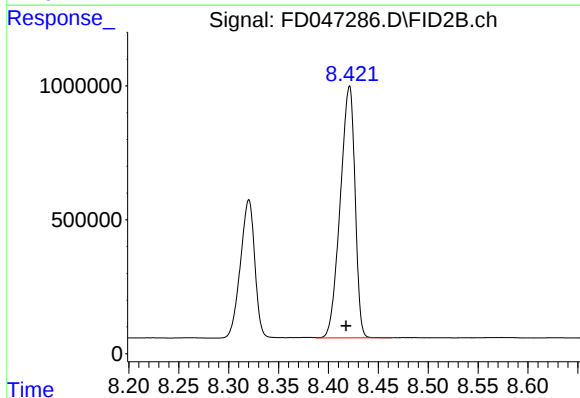
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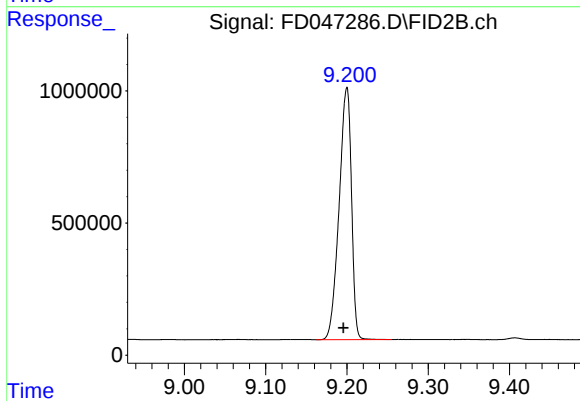
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 5172368
Conc: 51.17 ug/ml



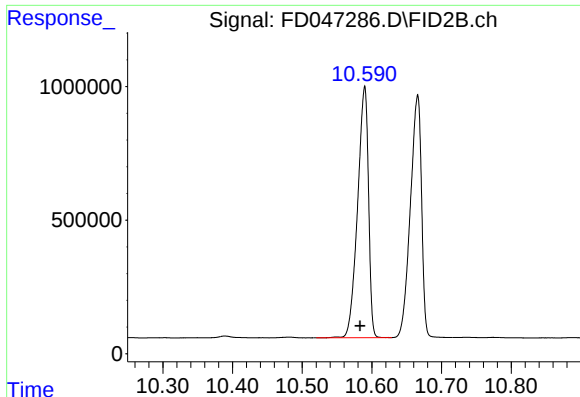
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: 0.003 min
Response: 9693535
Conc: 58.81 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.004 min
Response: 10090843
Conc: 63.65 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.589 min
Delta R.T.: 0.006 min
Response: 10206733
Conc: 65.70 ug/ml

Instrument :

FID_D

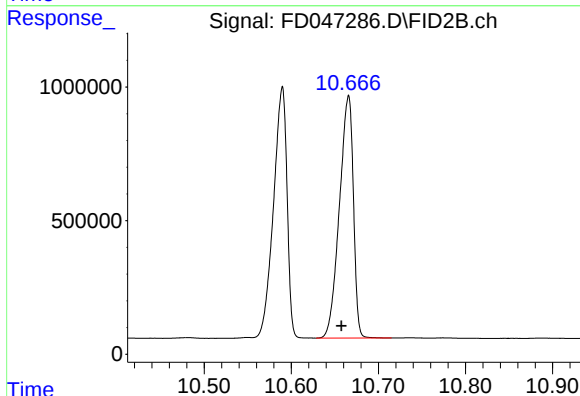
ClientSampleId :

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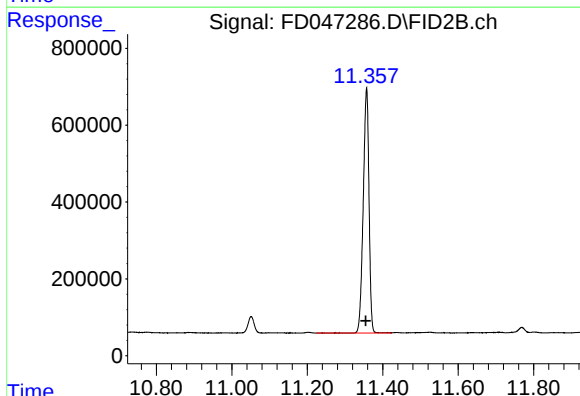
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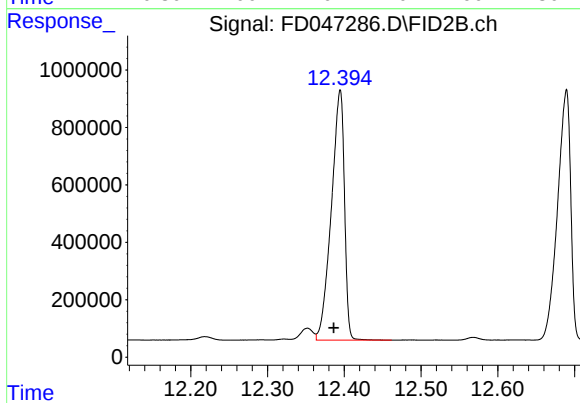
#10 Anthracene (C19.43)

R.T.: 10.665 min
Delta R.T.: 0.007 min
Response: 10124024
Conc: 68.65 ug/ml



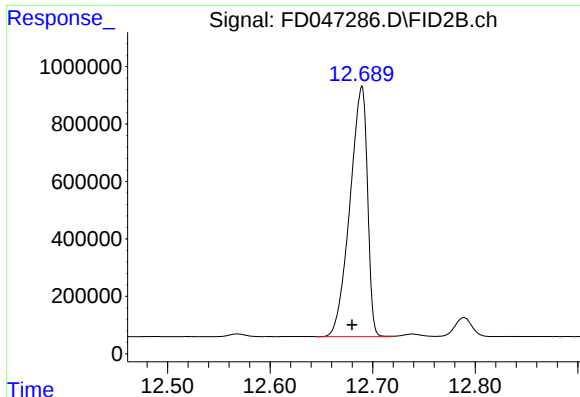
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.002 min
Response: 6760859
Conc: 38.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.394 min
Delta R.T.: 0.008 min
Response: 10321040
Conc: 66.66 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.689 min
Delta R.T.: 0.009 min
Response: 10359428
Conc: 68.87 ug/ml

Instrument :

FID_D

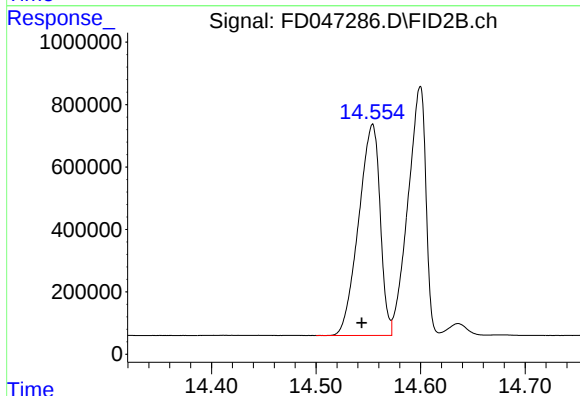
ClientSampleId :

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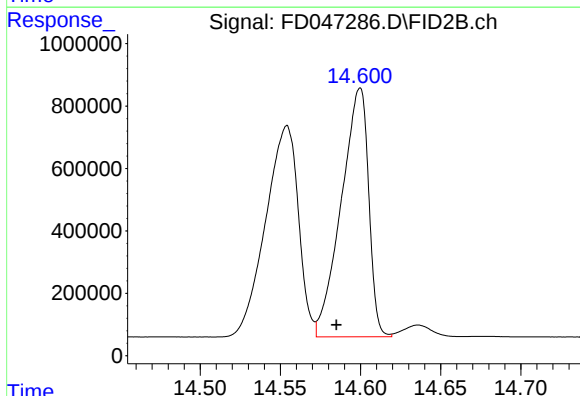
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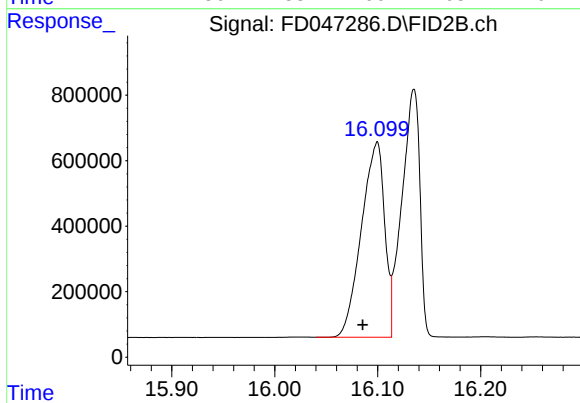
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.554 min
Delta R.T.: 0.010 min
Response: 9655212
Conc: 71.83 ug/ml



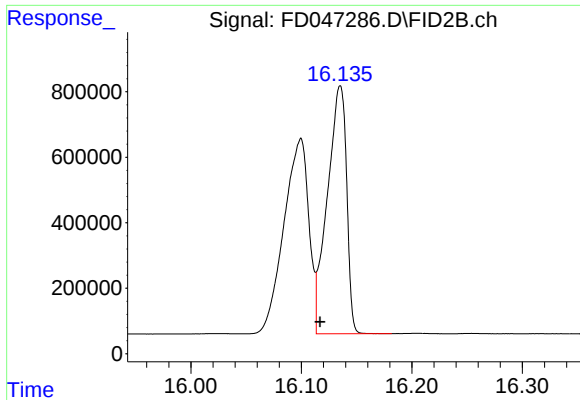
#15 Chrysene (C27.41)

R.T.: 14.599 min
Delta R.T.: 0.014 min
Response: 9482848
Conc: 64.76 ug/ml



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

R.T.: 16.099 min
Delta R.T.: 0.013 min
Response: 9336743
Conc: 67.81 ug/ml



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

R.T.: 16.135 min
Delta R.T.: 0.018 min
Response: 9174152
Conc: 66.12 ug/ml

Instrument :

FID_D

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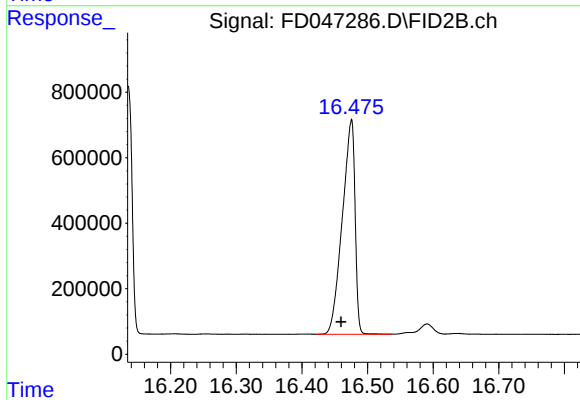
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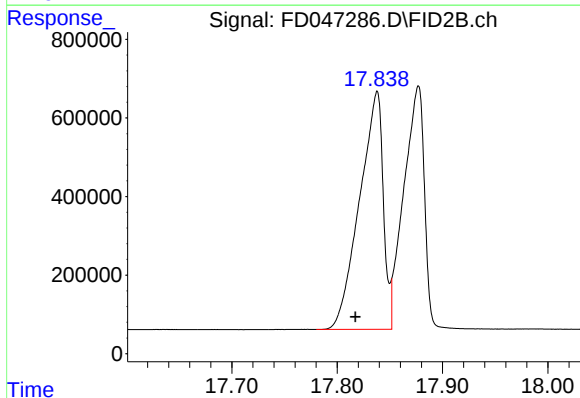
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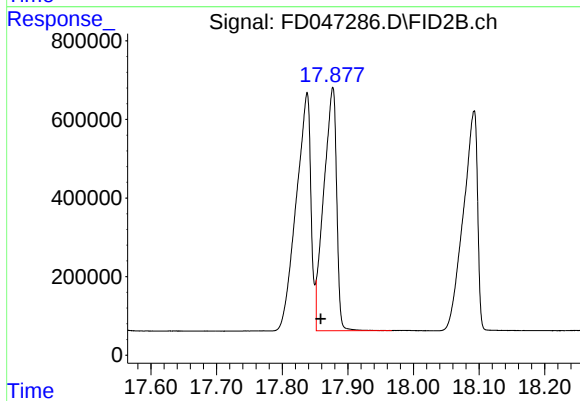
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: 0.015 min
Response: 8840646
Conc: 65.30 ug/ml



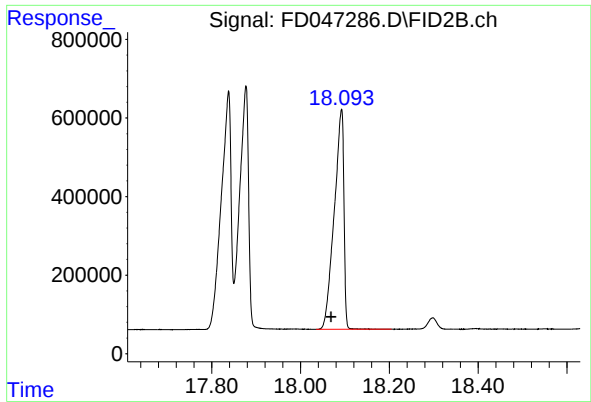
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: 0.020 min
Response: 9467522
Conc: 74.99 ug/ml



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

R.T.: 17.876 min
Delta R.T.: 0.018 min
Response: 8407074
Conc: 63.10 ug/ml



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

R.T.: 18.091 min
Delta R.T.: 0.023 min
Response: 8454447
Conc: 63.76 ug/ml

Instrument :

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