

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121224AR\
 Data File : FD048887.D
 Signal(s) : FID2B.ch
 Acq On : 12 Dec 2024 16:53
 Operator : YP/AJ
 Sample : PB165607BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165607BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :Ankita Jodhani 12/13/2024

Integration File: autoint1.e

Quant Time: Dec 13 01:27:56 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M

Quant Title : GC Extractables

QLast Update : Tue Dec 10 06:07:50 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...	7.362	8905716	52.873 ug/ml
Spiked Amount 50.000		Recovery =	105.75%
6) S 2-Fluorobiphenyl (SURR)	8.212	5966102	57.751 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.50%
11) S ortho-Terphenyl (SURR)	11.248	8507014	47.883 ug/ml
Spiked Amount 50.000		Recovery =	95.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.184	6647634	35.110 ug/mlm
2) T Naphthalene (C11.7)	5.702	7978823	41.756 ug/ml
3) T 2-Methylnaphthalene (...)	6.748	7982535	43.200 ug/ml
5) T Acenaphthylene (C15.06)	8.015	8508169	45.588 ug/ml
7) T Acenaphthene (C15.5)	8.311	9258310	49.713 ug/ml
8) T Flouorene (C16.55)	9.089	9400959	52.611 ug/ml
9) T Phenanthrene (C19.36)	10.477	9365534	56.073 ug/ml
10) T Anthracene (C19.43)	10.553	9401322	55.392 ug/ml
12) T Fluoranthene (C21.85)	12.282	9293865	56.778 ug/mlm
13) T Pyrene (C20.8)	12.576	9801701	60.265 ug/ml
14) T Benzo[a]anthracene (C...	14.446	8346263	63.177 ug/ml
15) T Chrysene (C27.41)	14.490	8503627	52.674 ug/ml
16) T benzo[b]fluoranthene ...	15.995	8169762	60.684 ug/ml
17) T Bnezo[k]fluoranthene ...	16.030	8132651	53.392 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	7855906	56.799 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.740	8154197	76.515 ug/ml
20) T Dibenz[a,h]anthracene...	17.778	7831237	53.998 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	7627833	54.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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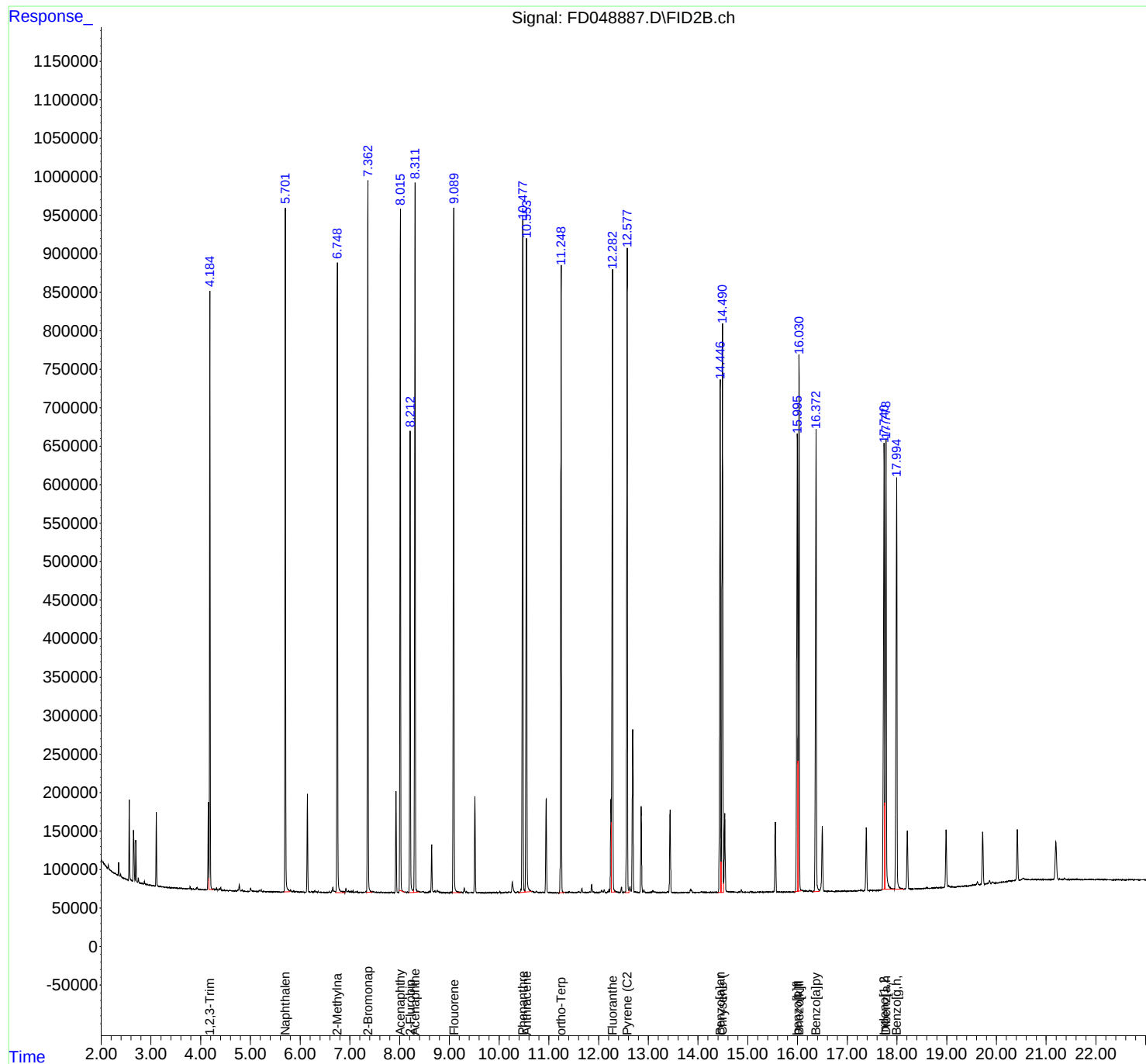
Response via : Initial Calibration

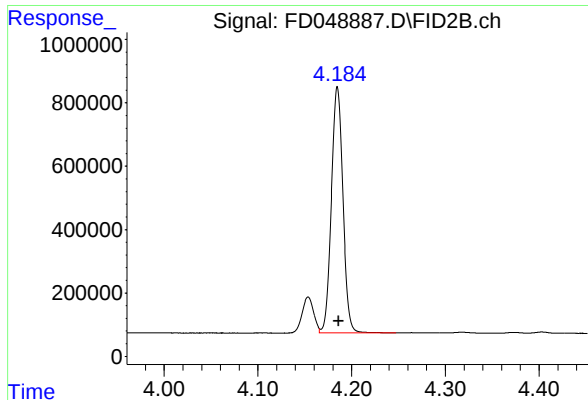
Integrator: ChemStation

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.: 4.184 min
Delta R.T.: -0.002 min
Response: 6647634
Conc: 35.11 ug/ml

Instrument :

FID_D

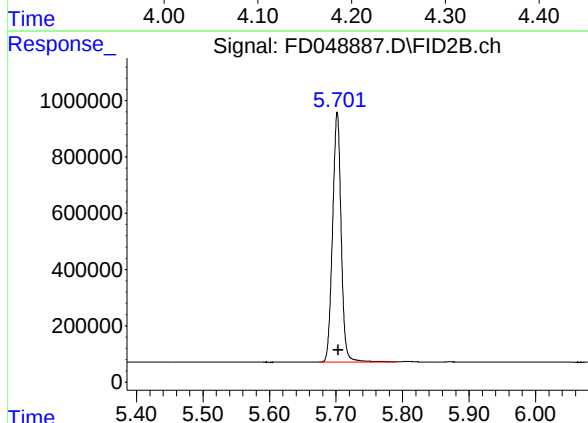
ClientSampleId :

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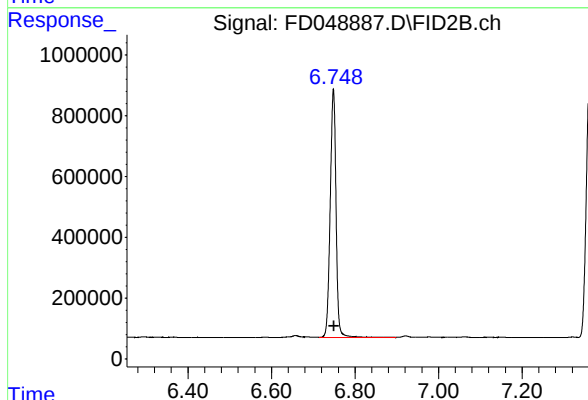
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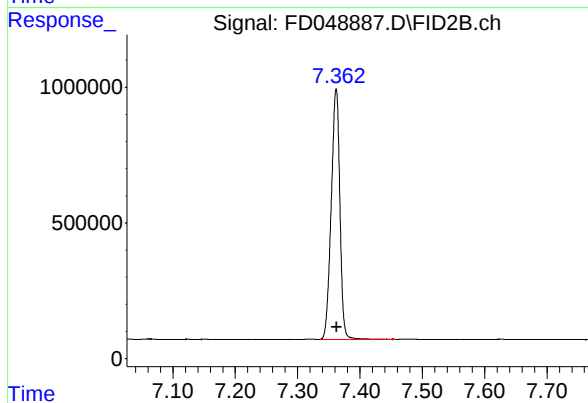
#2 Naphthalene (C11.7)

R.T.: 5.702 min
Delta R.T.: -0.002 min
Response: 7978823
Conc: 41.76 ug/ml



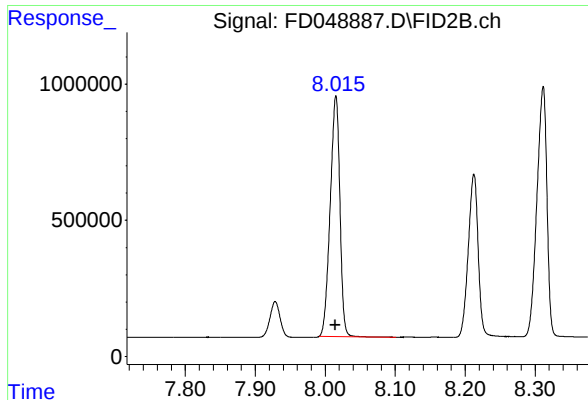
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 7982535
Conc: 43.20 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.362 min
Delta R.T.: 0.000 min
Response: 8905716
Conc: 52.87 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 8508169
Conc: 45.59 ug/ml

Instrument :

FID_D

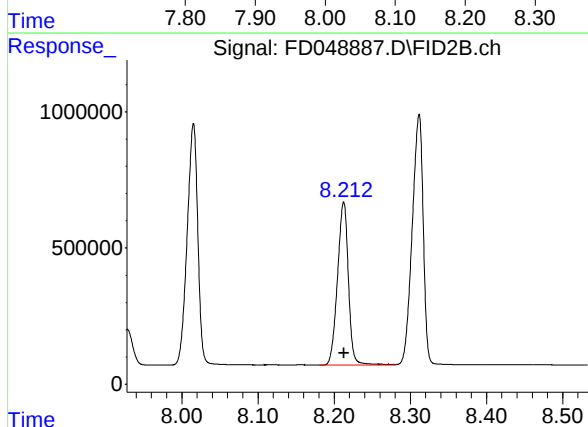
ClientSampleId :

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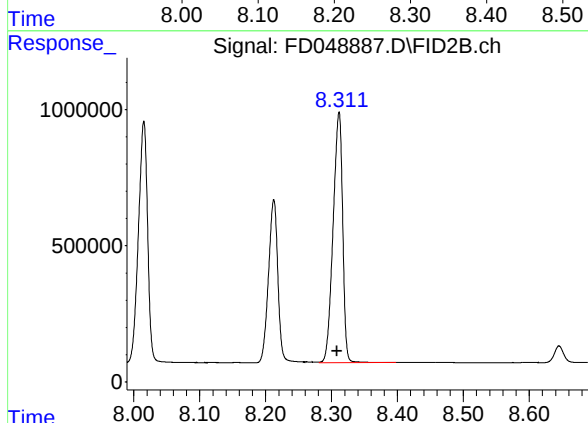
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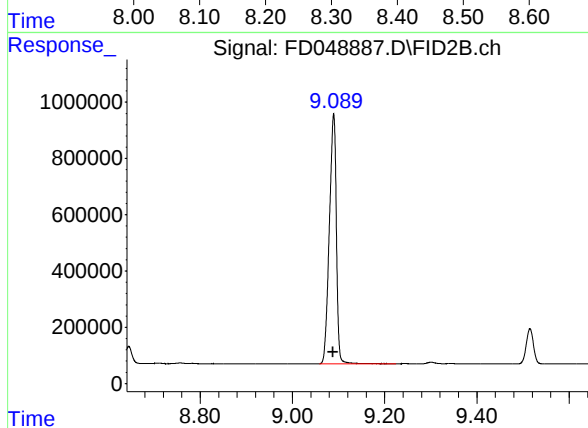
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.212 min
Delta R.T.: 0.000 min
Response: 5966102
Conc: 57.75 ug/ml



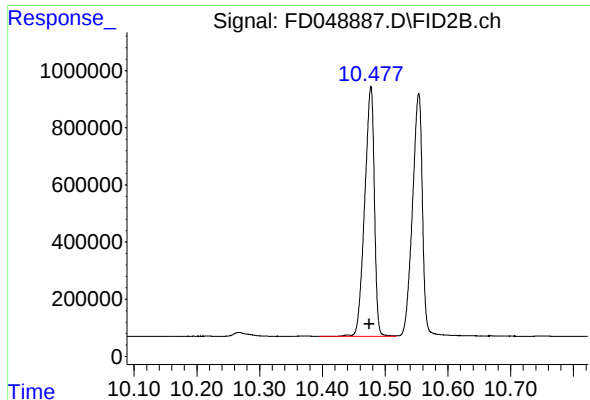
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.002 min
Response: 9258310
Conc: 49.71 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 9400959
Conc: 52.61 ug/ml



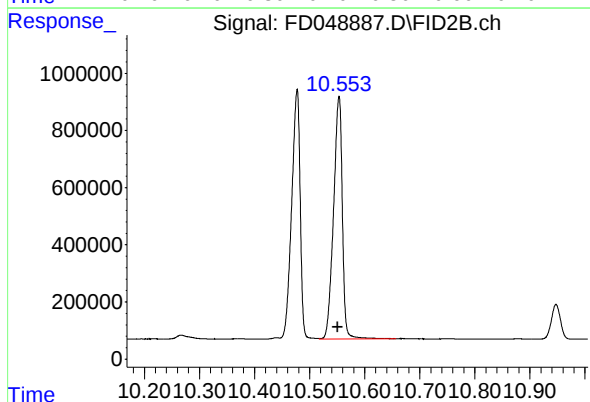
#9 Phenanthrene (C19.36)

R.T.: 10.477 min
Delta R.T.: 0.002 min
Response: 9365534
Conc: 56.07 ug/ml

Instrument :
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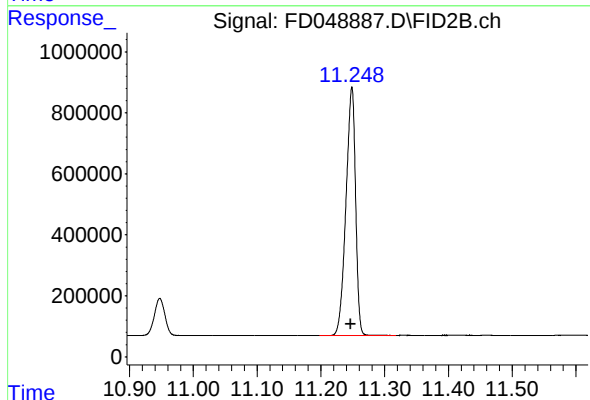
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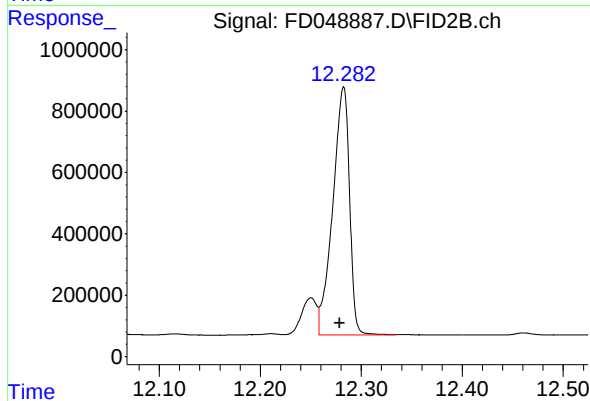
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: 0.002 min
Response: 9401322
Conc: 55.39 ug/ml



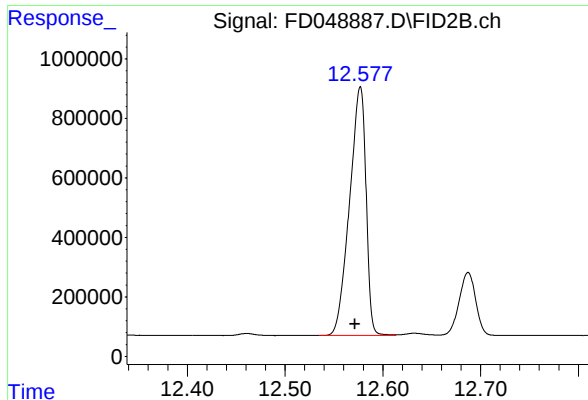
#11 ortho-Terphenyl (SURR)

R.T.: 11.248 min
Delta R.T.: 0.001 min
Response: 8507014
Conc: 47.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.282 min
Delta R.T.: 0.004 min
Response: 9293865
Conc: 56.78 ug/ml m



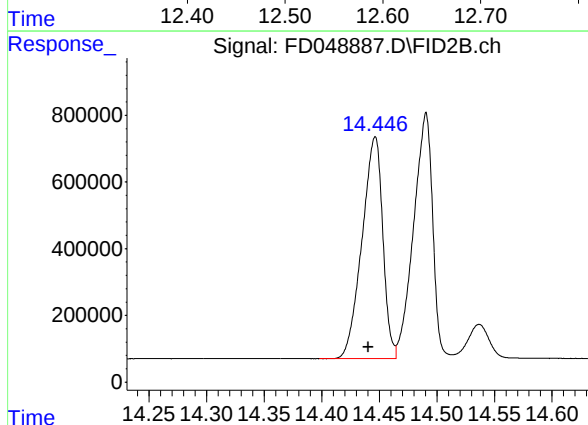
#13 Pyrene (C20.8)

R.T.: 12.576 min
Delta R.T.: 0.005 min
Response: 9801701
Conc: 60.27 ug/ml

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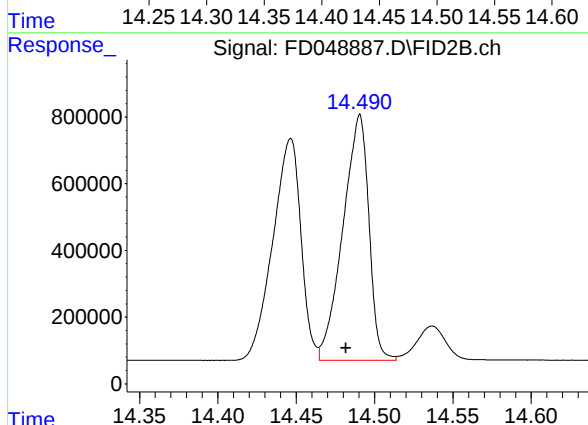
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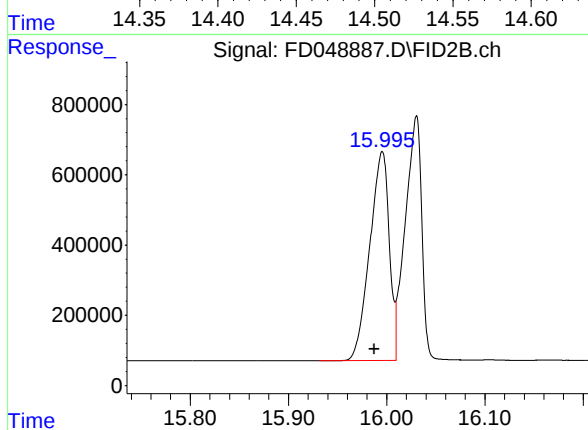
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: 0.005 min
Response: 8346263
Conc: 63.18 ug/ml



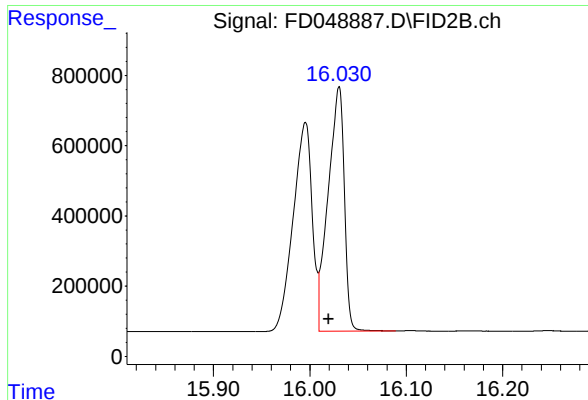
#15 Chrysene (C27.41)

R.T.: 14.490 min
Delta R.T.: 0.008 min
Response: 8503627
Conc: 52.67 ug/ml



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

R.T.: 15.995 min
Delta R.T.: 0.007 min
Response: 8169762
Conc: 60.68 ug/ml



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

R.T.: 16.030 min
Delta R.T.: 0.010 min
Response: 8132651
Conc: 53.39 ug/ml

Instrument :

FID_D

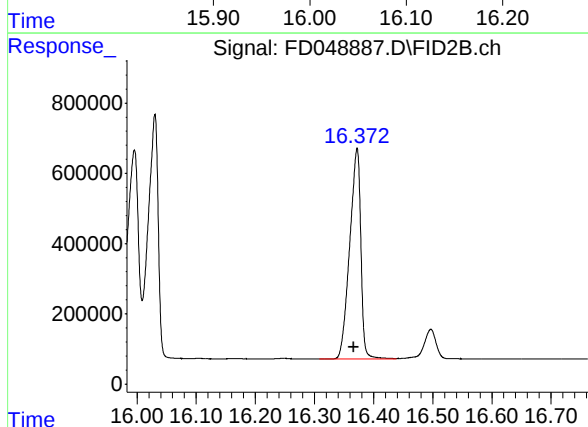
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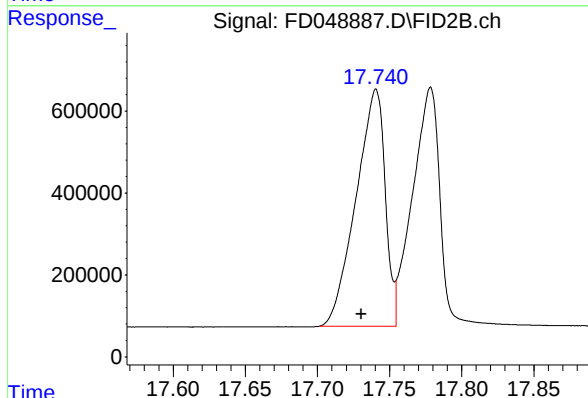
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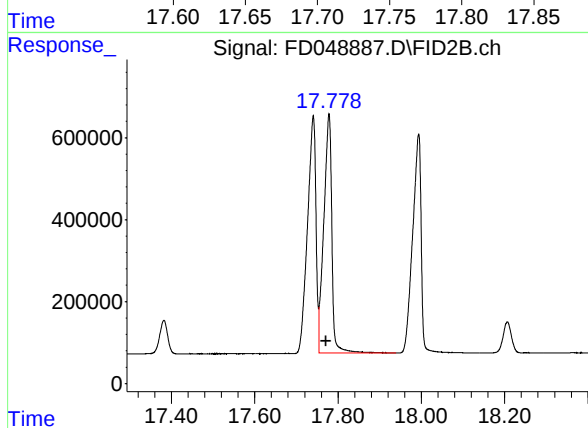
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: 0.005 min
Response: 7855906
Conc: 56.80 ug/ml



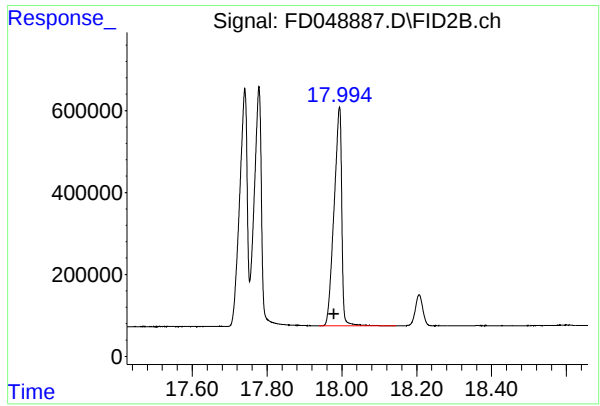
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.740 min
Delta R.T.: 0.009 min
Response: 8154197
Conc: 76.52 ug/ml



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

R.T.: 17.778 min
Delta R.T.: 0.007 min
Response: 7831237
Conc: 54.00 ug/ml



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

R.T.: 17.993 min
Delta R.T.: 0.014 min
Response: 7627833
Conc: 54.40 ug/ml

Instrument :

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