

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082924AR\
 Data File : FD048236.D
 Signal(s) : FID2B.ch
 Acq On : 29 Aug 2024 17:41
 Operator : YP/AJ
 Sample : PB163063BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB163063BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/30/2024

Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e

Quant Time: Aug 30 02:58:51 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M

Quant Title : GC Extractables

QLast Update : Mon Aug 12 16:16:10 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...	7.394	7277318	48.756 ug/ml
Spiked Amount 50.000		Recovery =	97.51%
6) S 2-Fluorobiphenyl (SURR)	8.245	4674929	48.841 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.68%
11) S ortho-Terphenyl (SURR)	11.282	7082150	42.044 ug/ml
Spiked Amount 50.000		Recovery =	84.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.214	6316704	37.057 ug/mlm
2) T Naphthalene (C11.7)	5.734	7193196	41.281 ug/ml
3) T 2-Methylnaphthalene (...)	6.781	7477353	42.997 ug/ml
5) T Acenaphthylene (C15.06)	8.048	7683735	44.626 ug/ml
7) T Acenaphthene (C15.5)	8.344	7733084	44.660 ug/ml
8) T Fluorene (C16.55)	9.122	7817140	47.402 ug/ml
9) T Phenanthrene (C19.36)	10.510	8000534	49.990 ug/ml
10) T Anthracene (C19.43)	10.585	8030909	51.197 ug/ml
12) T Fluoranthene (C21.85)	12.315	9146799	57.450 ug/ml
13) T Pyrene (C20.8)	12.608	8190856	52.192 ug/ml
14) T Benzo[a]anthracene (C...	14.477	7577404	53.792 ug/ml
15) T Chrysene (C27.41)	14.521	7718083	48.420 ug/ml
16) T benzo[b]fluoranthene ...	16.024	7657462	51.576 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.059	7581963	51.109 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.400	7287355	49.483 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.767	7479143	61.186 ug/mlm
20) T Dibenz[a,h]anthracene...	17.803	7110819	46.549 ug/ml
21) T Benzo[g,h,i]perylene ...	18.017	7050672	46.690 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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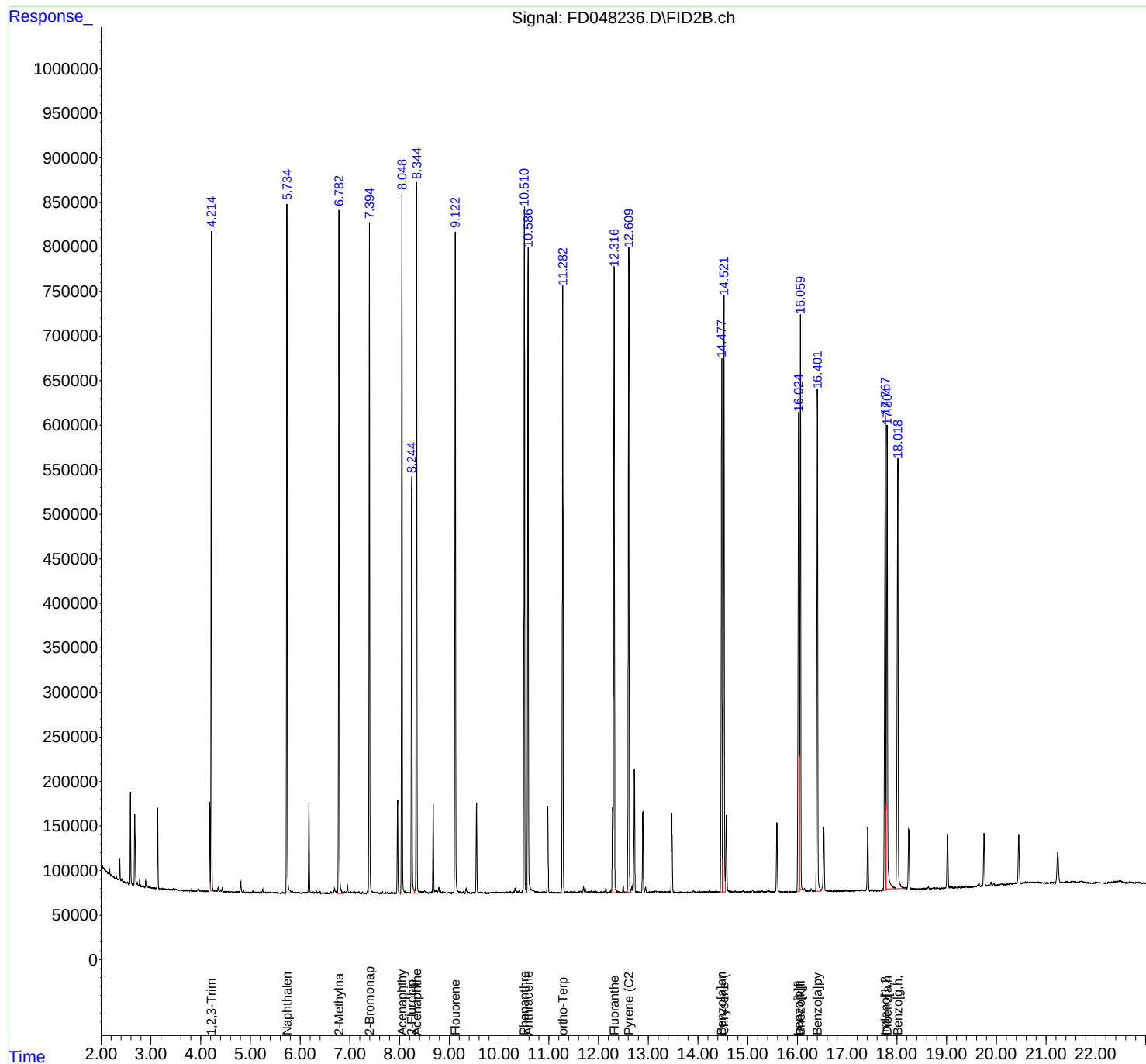
Instrument :
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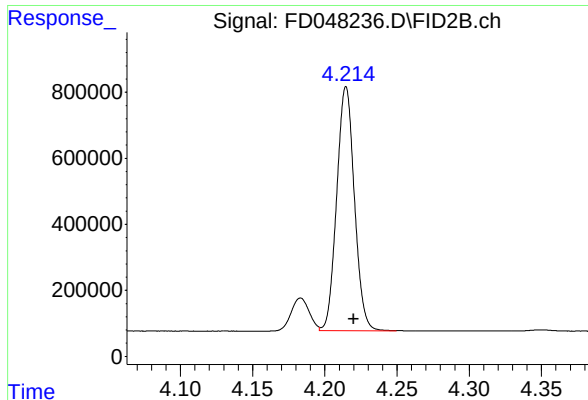
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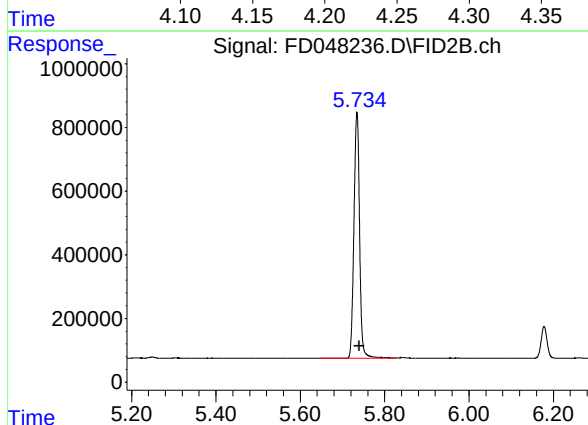
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.214 min
Delta R.T.: -0.006 min
Response: 6316704
Conc: 37.06 ug/ml

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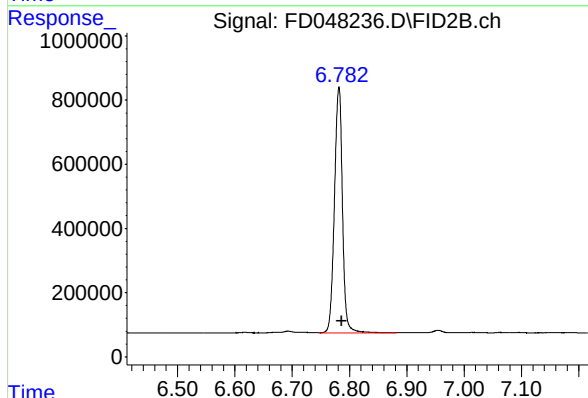
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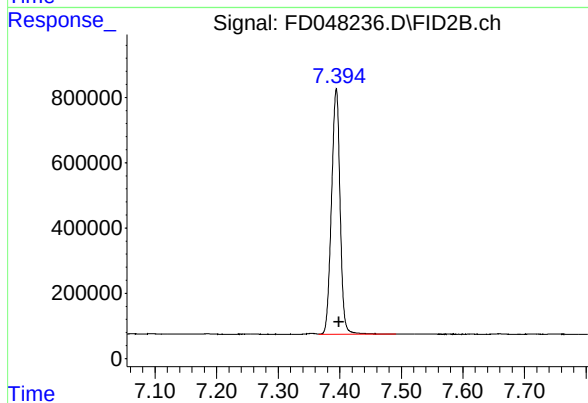
#2 Naphthalene (C11.7)

R.T.: 5.734 min
Delta R.T.: -0.006 min
Response: 7193196
Conc: 41.28 ug/ml



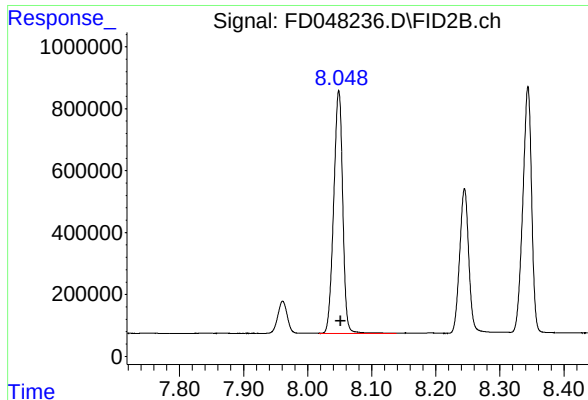
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.781 min
Delta R.T.: -0.005 min
Response: 7477353
Conc: 43.00 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.394 min
Delta R.T.: -0.005 min
Response: 7277318
Conc: 48.76 ug/ml



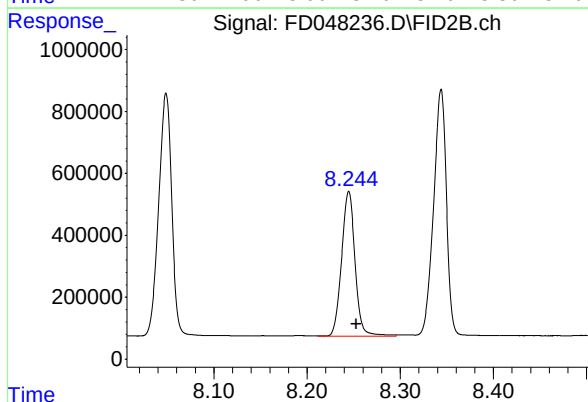
#5 Acenaphthylene (C15.06)

R.T.: 8.048 min
Delta R.T.: -0.003 min
Response: 7683735
Conc: 44.63 ug/ml

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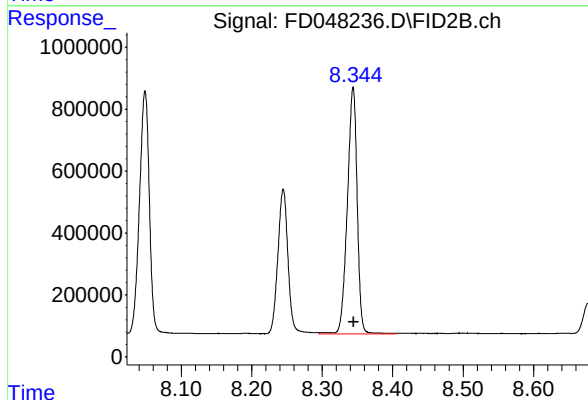
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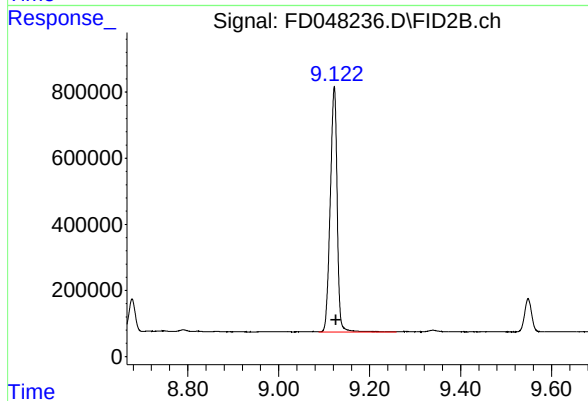
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.245 min
Delta R.T.: -0.008 min
Response: 4674929
Conc: 48.84 ug/ml



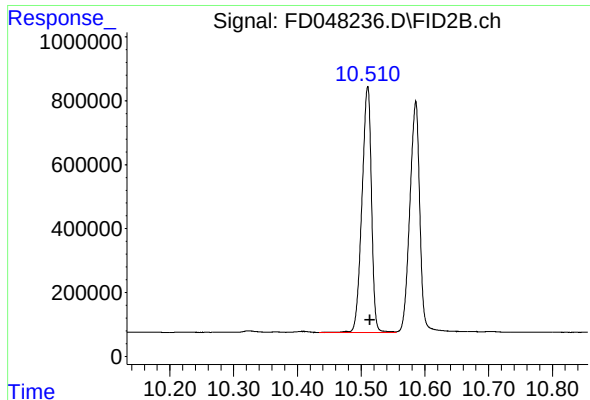
#7 Acenaphthene (C15.5)

R.T.: 8.344 min
Delta R.T.: -0.001 min
Response: 7733084
Conc: 44.66 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.122 min
Delta R.T.: -0.004 min
Response: 7817140
Conc: 47.40 ug/ml



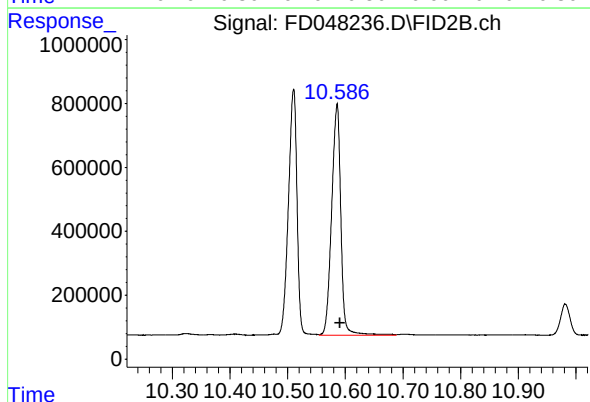
#9 Phenanthrene (C19.36)

R.T.: 10.510 min
Delta R.T.: -0.004 min
Response: 8000534
Conc: 49.99 ug/ml

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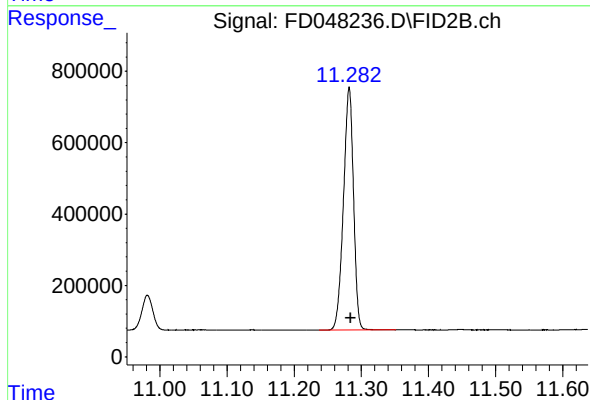
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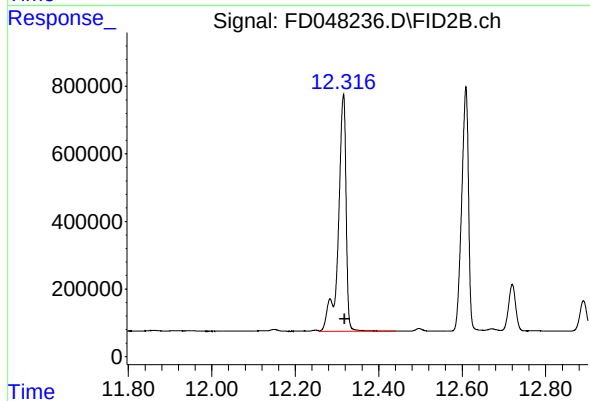
#10 Anthracene (C19.43)

R.T.: 10.585 min
Delta R.T.: -0.005 min
Response: 8030909
Conc: 51.20 ug/ml



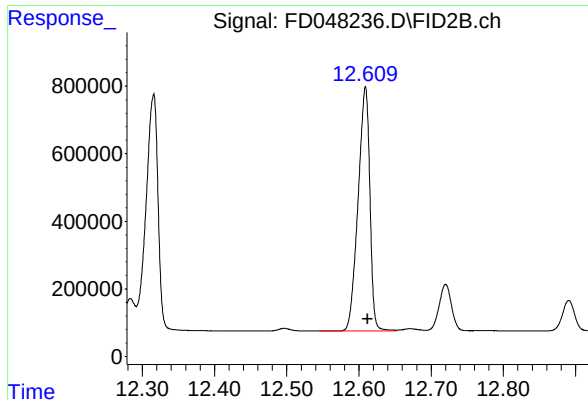
#11 ortho-Terphenyl (SURR)

R.T.: 11.282 min
Delta R.T.: -0.002 min
Response: 7082150
Conc: 42.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.315 min
Delta R.T.: -0.004 min
Response: 9146799
Conc: 57.45 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.608 min
Delta R.T.: -0.004 min
Response: 8190856
Conc: 52.19 ug/ml

Instrument :

FID_D

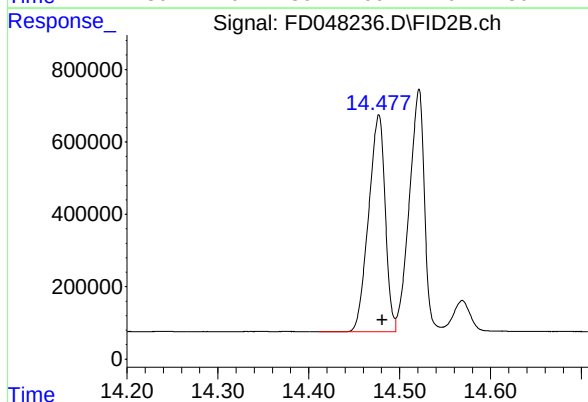
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PB163063BSD

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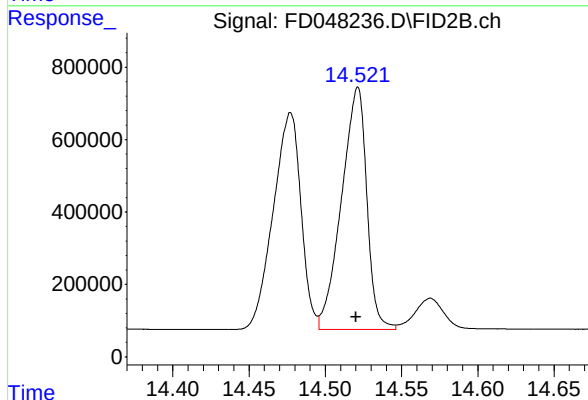
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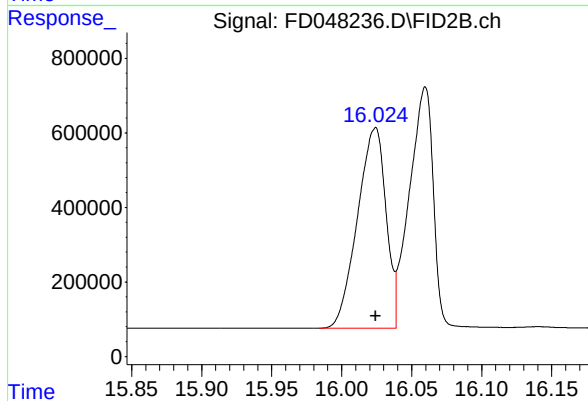
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.477 min
Delta R.T.: -0.004 min
Response: 7577404
Conc: 53.79 ug/ml



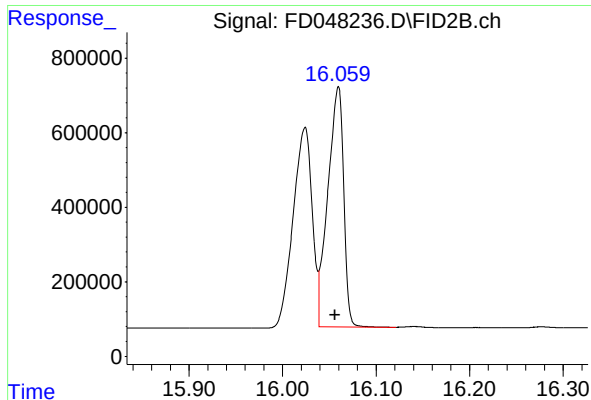
#15 Chrysene (C27.41)

R.T.: 14.521 min
Delta R.T.: 0.000 min
Response: 7718083
Conc: 48.42 ug/ml



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

R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 7657462
Conc: 51.58 ug/ml m



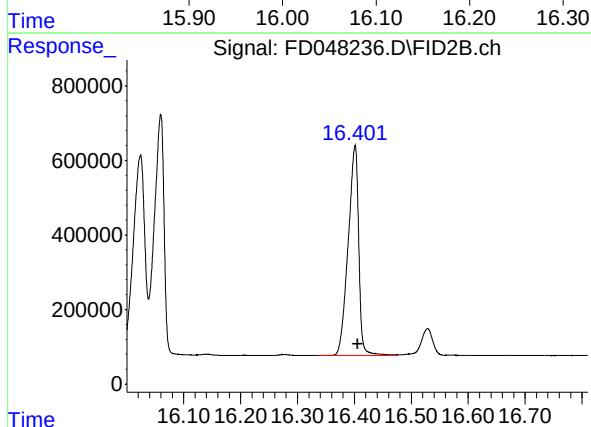
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.059 min
Delta R.T.: 0.003 min
Response: 7581963
Conc: 51.11 ug/ml

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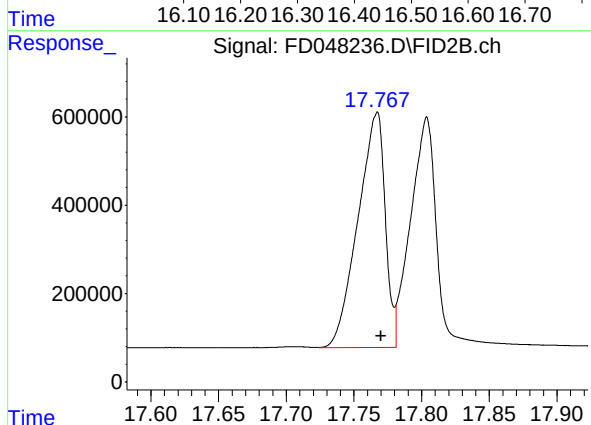
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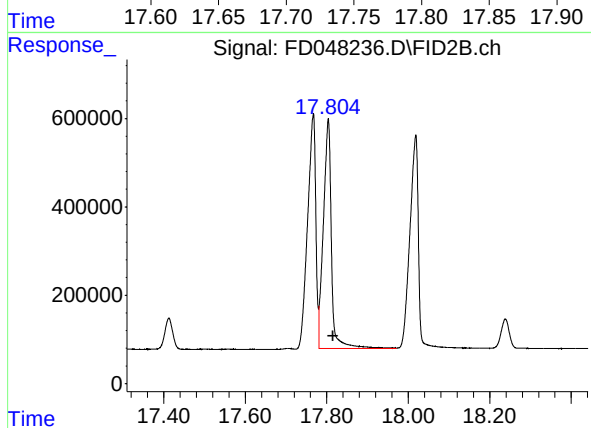
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.400 min
Delta R.T.: -0.006 min
Response: 7287355
Conc: 49.48 ug/ml



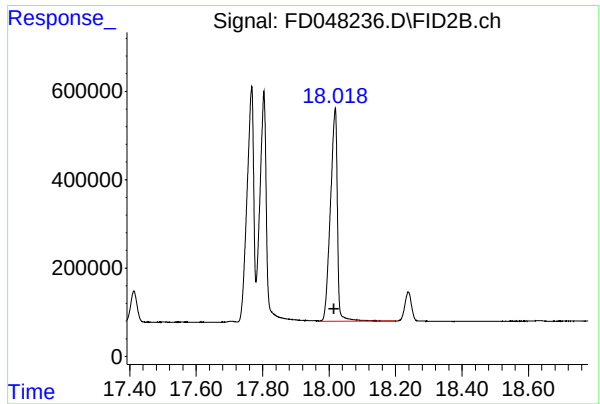
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.767 min
Delta R.T.: -0.003 min
Response: 7479143
Conc: 61.19 ug/ml m



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

R.T.: 17.803 min
Delta R.T.: -0.011 min
Response: 7110819
Conc: 46.55 ug/ml



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

R.T.: 18.017 min
Delta R.T.: 0.003 min
Response: 7050672
Conc: 46.69 ug/ml

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