

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022725AR\
 Data File : FD049116.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2025 11:02
 Operator : YP/AJ
 Sample : PB166883BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB166883BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/28/2025

Supervised By :Ankita Jodhani 02/28/2025

Integration File: autoint1.e

Quant Time: Feb 28 01:25:41 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M

Quant Title : GC Extractables

QLast Update : Wed Feb 12 12:54:29 2025

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...	7.352	8834021	61.729 ug/ml
Spiked Amount 50.000		Recovery =	123.46%
6) S 2-Fluorobiphenyl (SURR)	8.203	5756944	65.485 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	130.97%
11) S ortho-Terphenyl (SURR)	11.238	8978749	55.502 ug/ml
Spiked Amount 50.000		Recovery =	111.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	7641372	47.982 ug/ml
2) T Naphthalene (C11.7)	5.693	8689635	54.725 ug/ml
3) T 2-Methylnaphthalene (...)	6.740	8553154	54.936 ug/ml
5) T Acenaphthylene (C15.06)	8.006	9684411	59.558 ug/ml
7) T Acenaphthene (C15.5)	8.301	10129392	61.574 ug/ml
8) T Flouorene (C16.55)	9.080	10213780	64.788 ug/ml
9) T Phenanthrene (C19.36)	10.468	10318453	68.470 ug/ml
10) T Anthracene (C19.43)	10.544	10577201	70.035 ug/ml
12) T Fluoranthene (C21.85)	12.274	10612432	68.771 ug/ml
13) T Pyrene (C20.8)	12.567	10379146	67.372 ug/ml
14) T Benzo[a]anthracene (C...	14.438	9856625	75.018 ug/ml
15) T Chrysene (C27.41)	14.480	9635857	59.596 ug/ml
16) T benzo[b]fluoranthene ...	15.989	9789875	71.150 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	10790161	68.317 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.364	9428471	69.461 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	9225906	84.427 ug/ml
20) T Dibenz[a,h]anthracene...	17.768	9345045	60.236 ug/ml
21) T Benzo[g,h,i]perylene ...	17.987	9321039	64.305 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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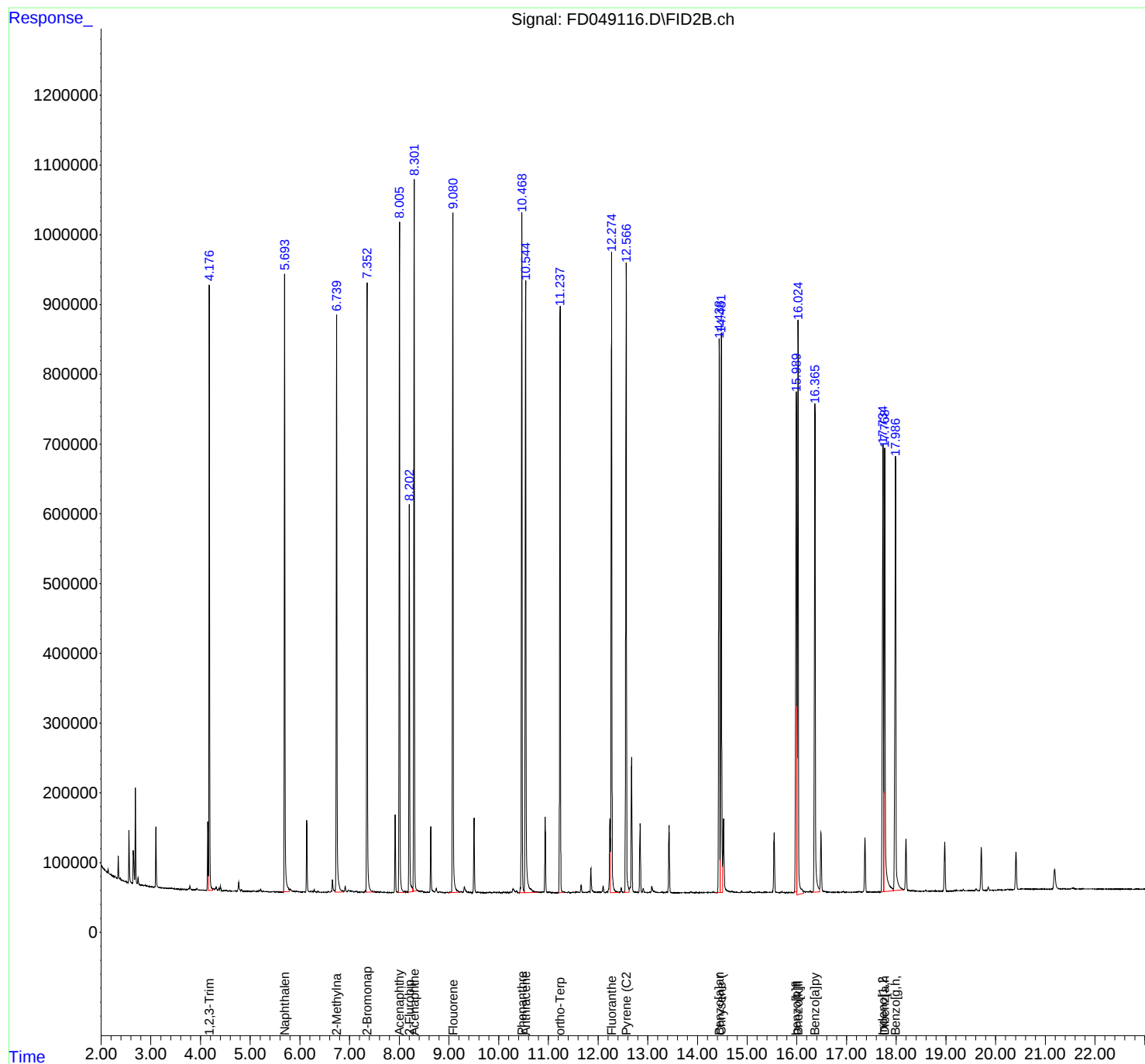
Response via : Initial Calibration

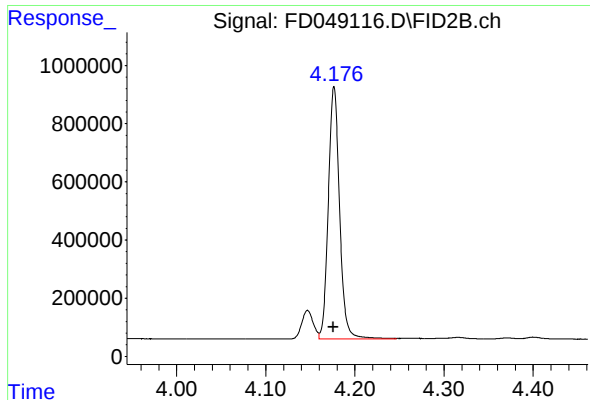
Integrator: ChemStation

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.: 4.177 min
Delta R.T.: 0.000 min
Response: 7641372
Conc: 47.98 ug/ml

Instrument :

FID_D

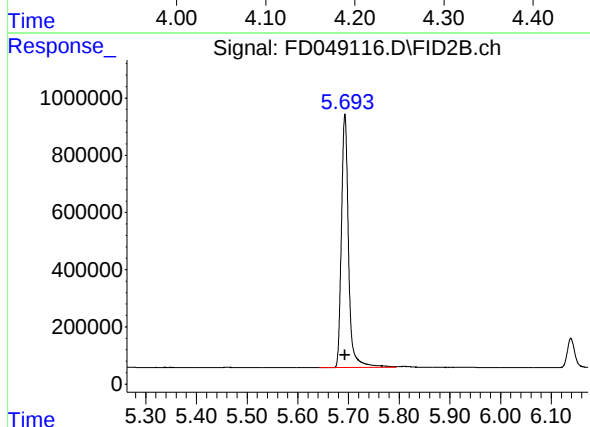
ClientSampleId :

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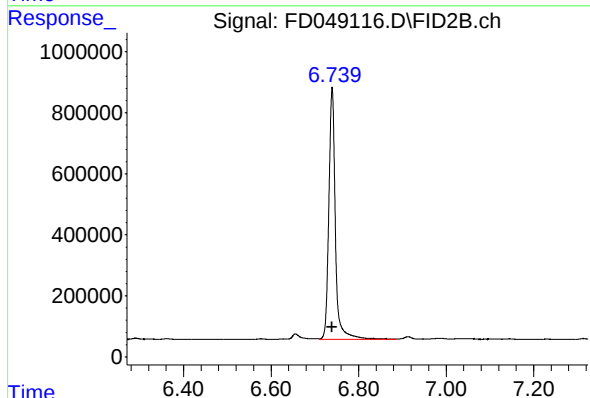
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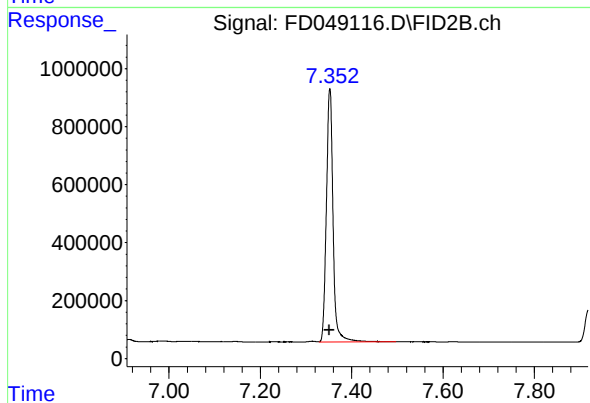
#2 Naphthalene (C11.7)

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 8689635
Conc: 54.72 ug/ml



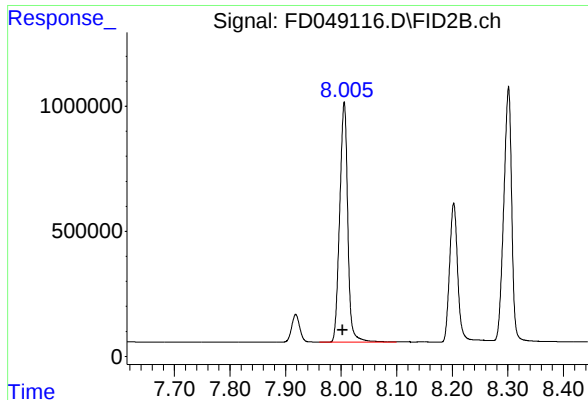
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.740 min
Delta R.T.: 0.000 min
Response: 8553154
Conc: 54.94 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.352 min
Delta R.T.: 0.000 min
Response: 8834021
Conc: 61.73 ug/ml



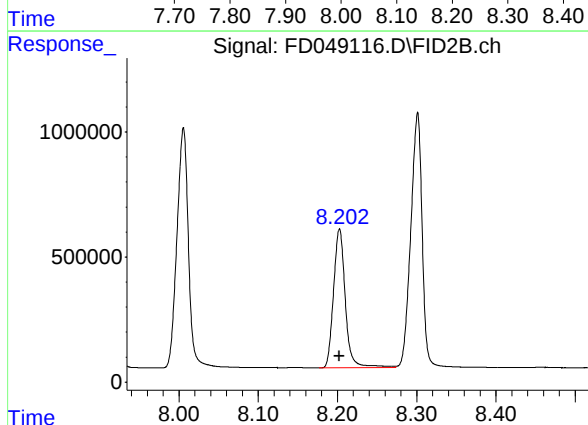
#5 Acenaphthylene (C15.06)

R.T.: 8.006 min
Delta R.T.: 0.003 min
Response: 9684411
Conc: 59.56 ug/ml

Instrument :
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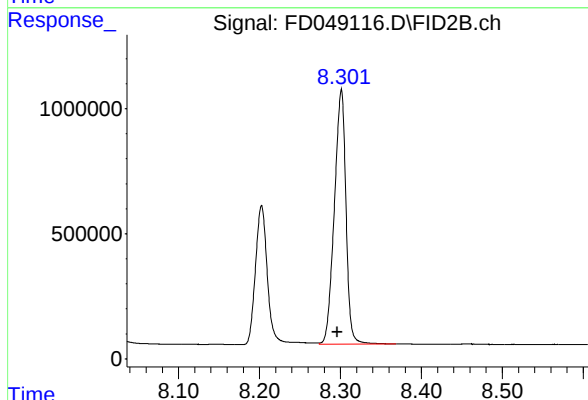
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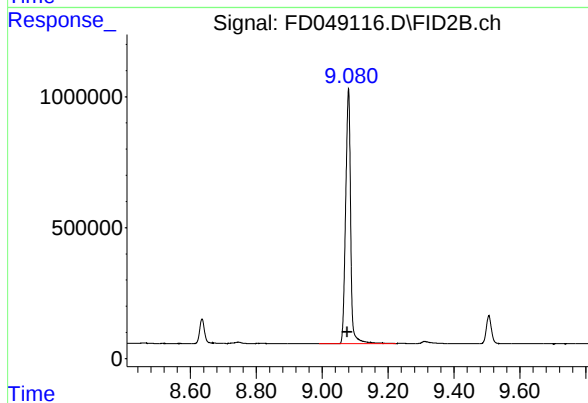
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 5756944
Conc: 65.49 ug/ml



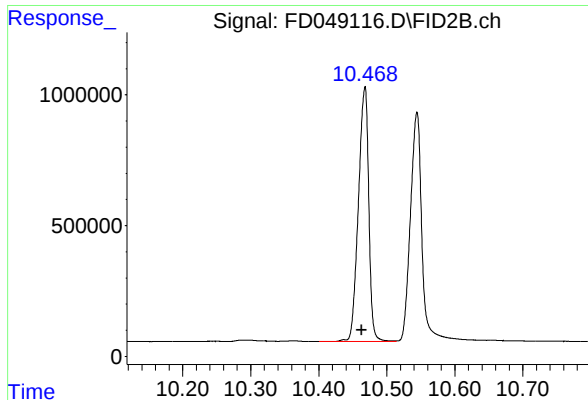
#7 Acenaphthene (C15.5)

R.T.: 8.301 min
Delta R.T.: 0.005 min
Response: 10129392
Conc: 61.57 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.080 min
Delta R.T.: 0.004 min
Response: 10213780
Conc: 64.79 ug/ml



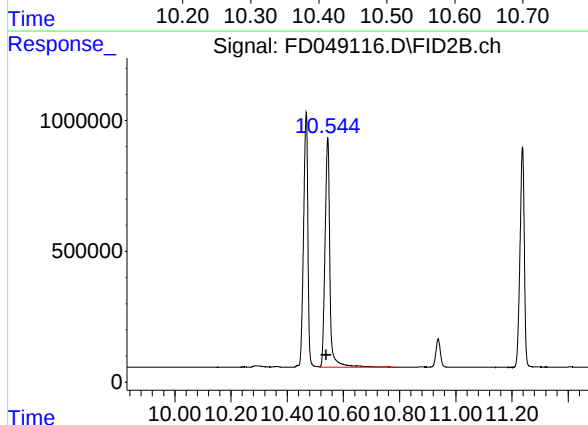
#9 Phenanthrene (C19.36)

R.T.: 10.468 min
Delta R.T.: 0.005 min
Response: 10318453
Conc: 68.47 ug/ml

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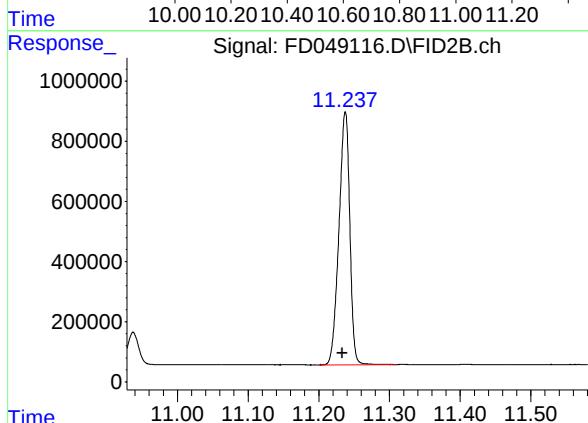
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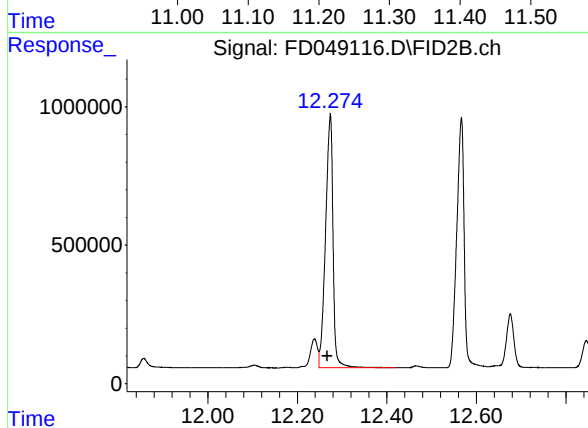
#10 Anthracene (C19.43)

R.T.: 10.544 min
Delta R.T.: 0.005 min
Response: 10577201
Conc: 70.03 ug/ml



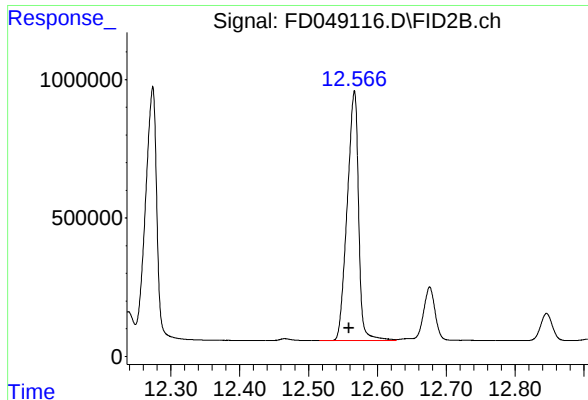
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: 0.004 min
Response: 8978749
Conc: 55.50 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.274 min
Delta R.T.: 0.007 min
Response: 10612432
Conc: 68.77 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.567 min
Delta R.T.: 0.008 min
Response: 10379146
Conc: 67.37 ug/ml

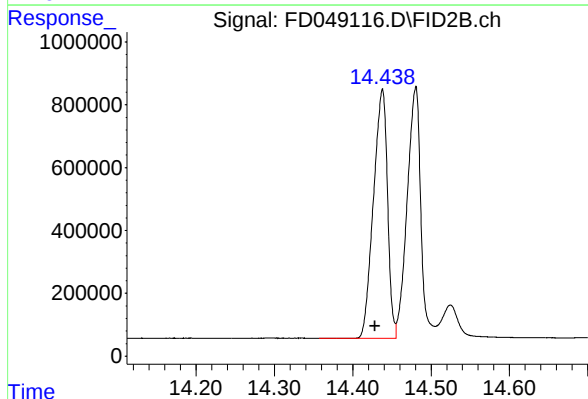
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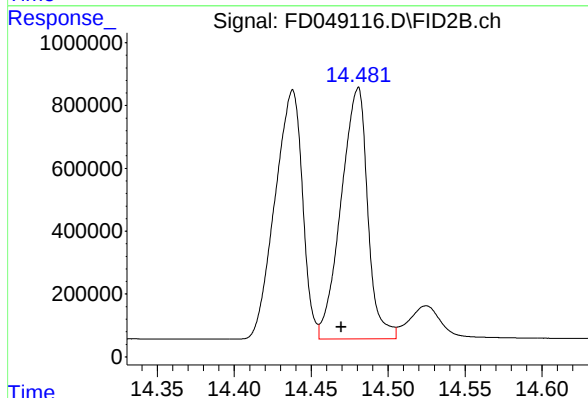
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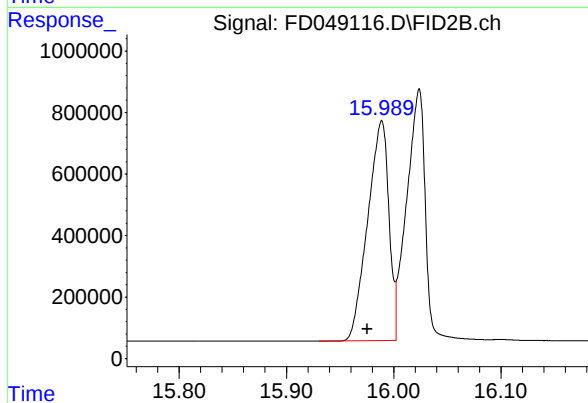
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.438 min
Delta R.T.: 0.009 min
Response: 9856625
Conc: 75.02 ug/ml



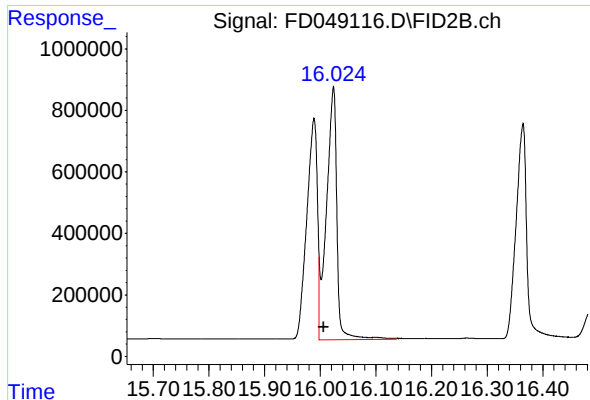
#15 Chrysene (C27.41)

R.T.: 14.480 min
Delta R.T.: 0.011 min
Response: 9635857
Conc: 59.60 ug/ml



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

R.T.: 15.989 min
Delta R.T.: 0.013 min
Response: 9789875
Conc: 71.15 ug/ml



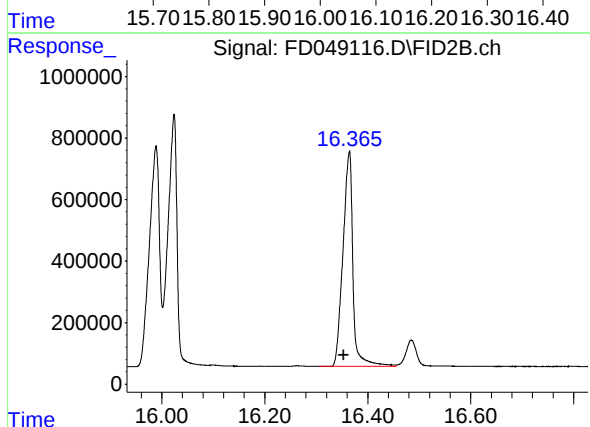
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.024 min
Delta R.T.: 0.017 min
Response: 10790161
Conc: 68.32 ug/ml

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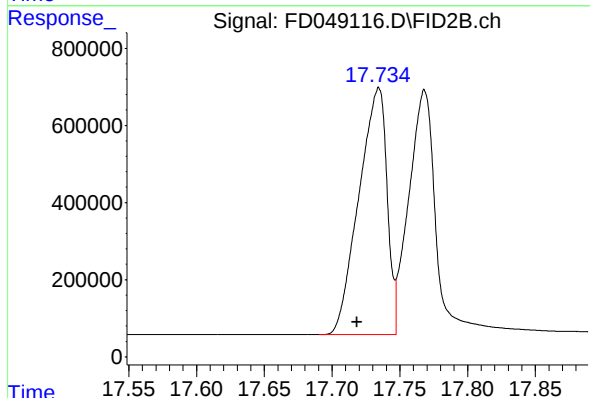
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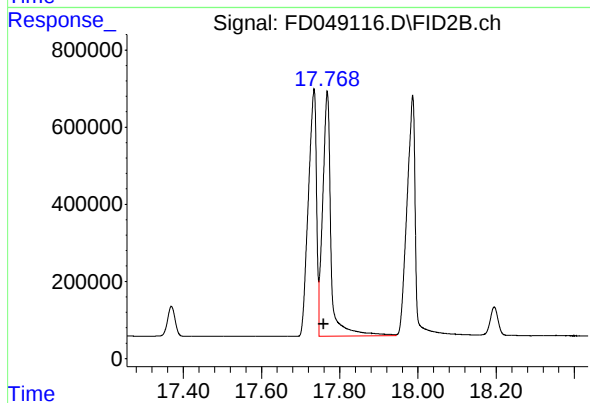
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.364 min
Delta R.T.: 0.011 min
Response: 9428471
Conc: 69.46 ug/ml



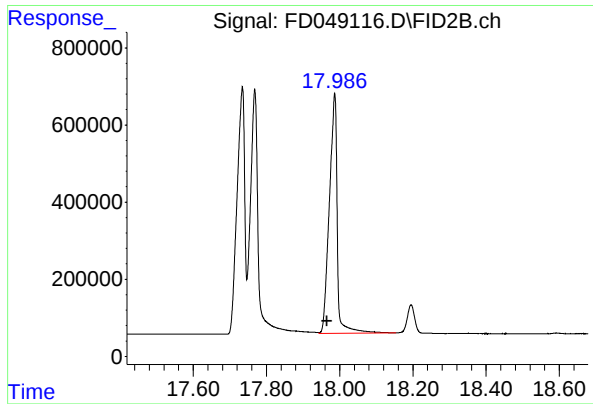
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.734 min
Delta R.T.: 0.016 min
Response: 9225906
Conc: 84.43 ug/ml



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

R.T.: 17.768 min
Delta R.T.: 0.009 min
Response: 9345045
Conc: 60.24 ug/ml



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

R.T.: 17.987 min
Delta R.T.: 0.021 min
Response: 9321039
Conc: 64.30 ug/ml

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