

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF123024AR\
 Data File : FF015213.D
 Signal(s) : FID2B.ch
 Acq On : 30 Dec 2024 16:34
 Operator : YP\AJ
 Sample : PB165904BS
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_F

ClientSampleId :

PB165904BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/31/2024

Supervised By :Ankita Jodhani 12/31/2024

Integration File: autoint1.e

Quant Time: Dec 31 00:38:55 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 122024.M

Quant Title : GC Extractables

QLast Update : Fri Dec 20 13:12:04 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...	7.987	6822754	50.840 ug/ml
Spiked Amount 50.000		Recovery =	101.68%
6) S 2-Fluorobiphenyl (SURR)	8.861	4498112	49.120 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.24%
11) S ortho-Terphenyl (SURR)	11.920	6684323	44.373 ug/ml
Spiked Amount 50.000		Recovery =	88.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.599	4873150	33.288 ug/ml
2) T Naphthalene (C11.7)	6.266	6570986	43.402 ug/ml
3) T 2-Methylnaphthalene (...)	7.362	6981386	47.161 ug/ml
5) T Acenaphthylene (C15.06)	8.662	8044202	52.944 ug/ml
7) T Acenaphthene (C15.5)	8.963	8634613	58.748 ug/ml
8) T Fluorene (C16.55)	9.750	8961179	59.644 ug/ml
9) T Phenanthrene (C19.36)	11.155	9265069	63.098 ug/ml
10) T Anthracene (C19.43)	11.231	9359851	64.776 ug/ml
12) T Fluoranthene (C21.85)	12.975	9689574	65.834 ug/ml
13) T Pyrene (C20.8)	13.275	10335093	70.855 ug/ml
14) T Benzo[a]anthracene (C...	15.152	9323143	66.395 ug/ml
15) T Chrysene (C27.41)	15.199	10525150	74.977 ug/ml
16) T benzo[b]fluoranthene ...	16.709	9182839	66.513 ug/ml
17) T Bnezo[k]fluoranthene ...	16.748	9190303	66.780 ug/mlm
18) T Benzo[a]pyrene (C31.34)	17.092	8721678	66.571 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.464	9215565	75.819 ug/ml
20) T Dibenz[a,h]anthracene...	18.502	7981438	59.686 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.722	8174217	63.455 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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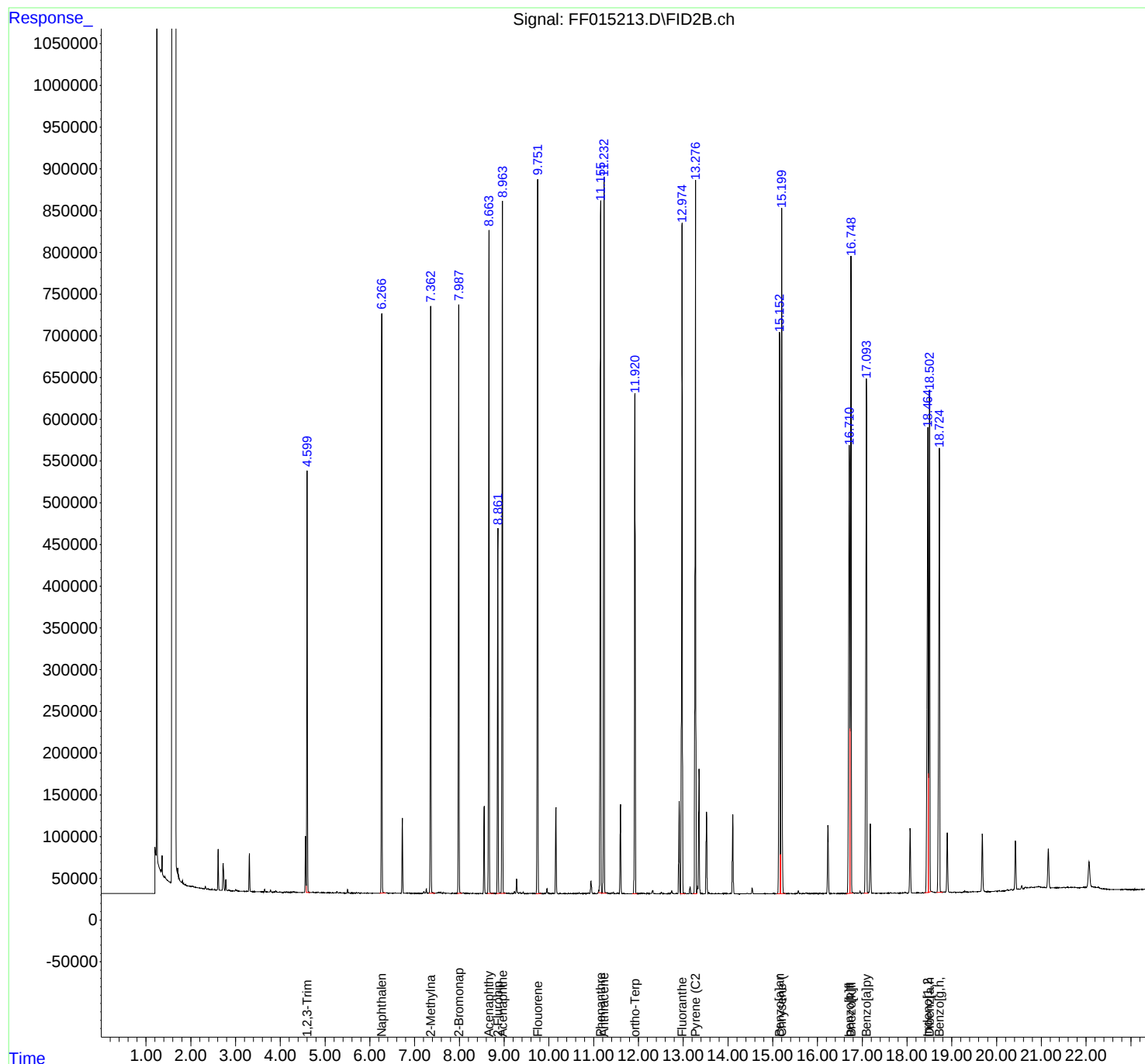
Response via : Initial Calibration

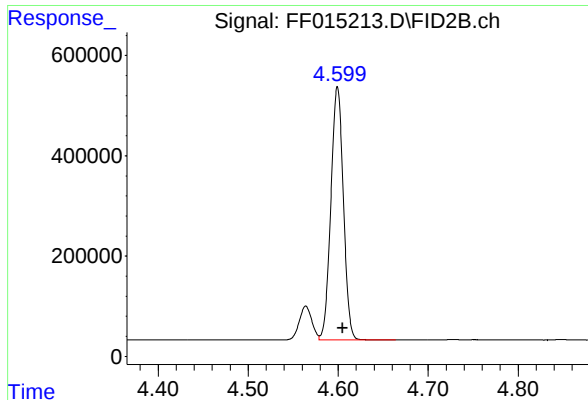
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





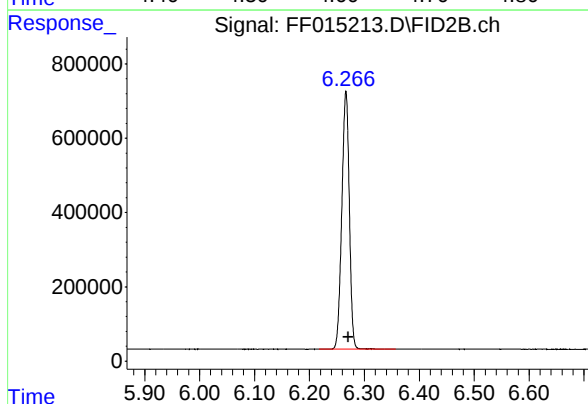
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.599 min
Delta R.T.: -0.006 min
Response: 4873150
Conc: 33.29 ug/ml

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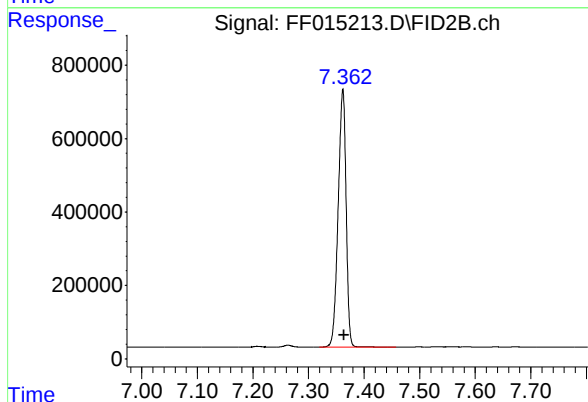
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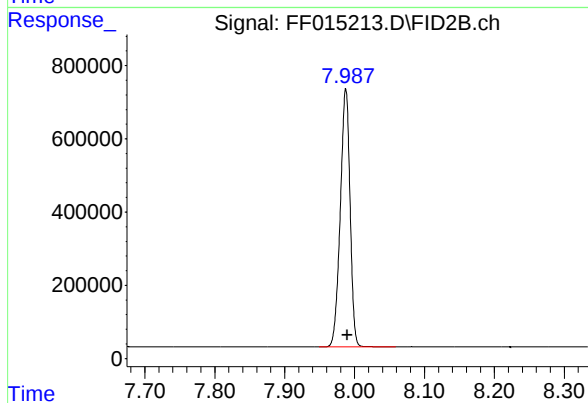
#2 Naphthalene (C11.7)

R.T.: 6.266 min
Delta R.T.: -0.004 min
Response: 6570986
Conc: 43.40 ug/ml



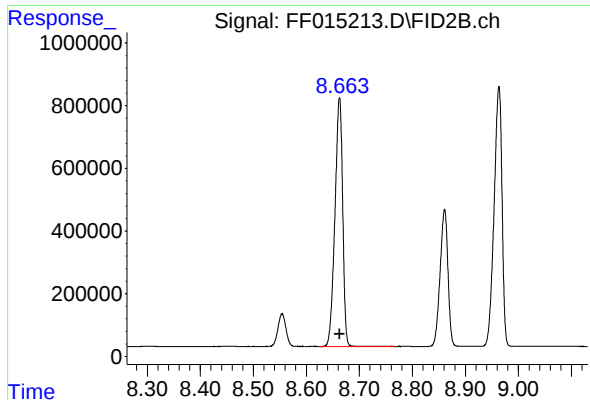
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.362 min
Delta R.T.: -0.002 min
Response: 6981386
Conc: 47.16 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.987 min
Delta R.T.: -0.002 min
Response: 6822754
Conc: 50.84 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 8044202
Conc: 52.94 ug/ml

Instrument :

FID_F

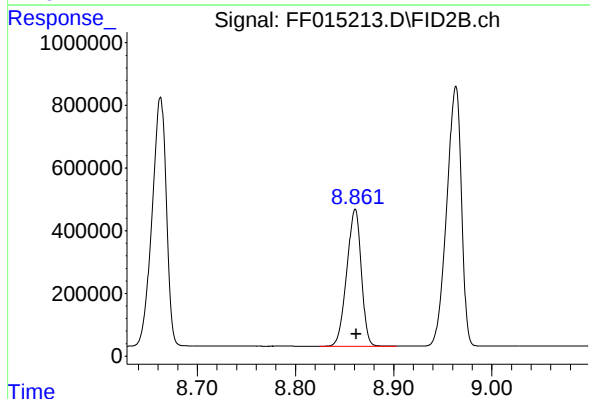
ClientSampleId :

PB165904BS

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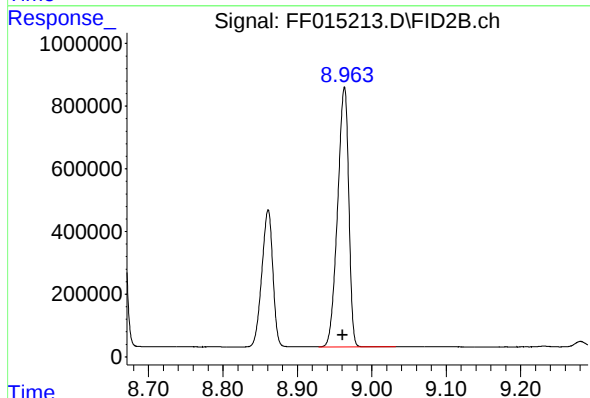
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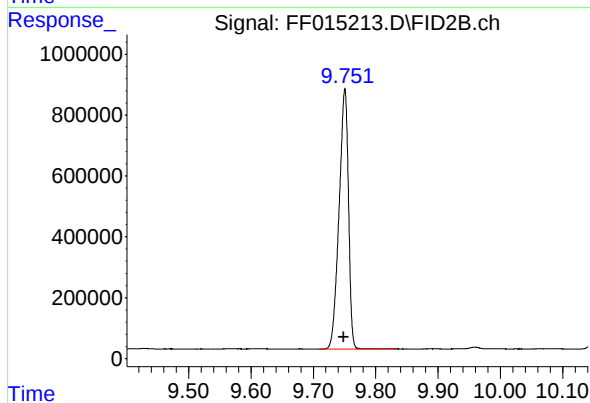
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.861 min
Delta R.T.: -0.001 min
Response: 4498112
Conc: 49.12 ug/ml



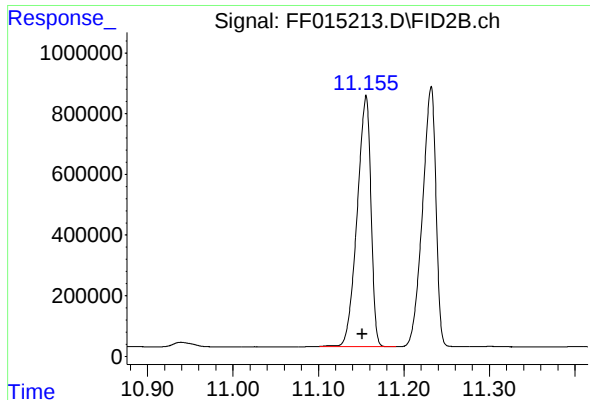
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: 0.002 min
Response: 8634613
Conc: 58.75 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.750 min
Delta R.T.: 0.002 min
Response: 8961179
Conc: 59.64 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 11.155 min
Delta R.T.: 0.004 min
Response: 9265069
Conc: 63.10 ug/ml

Instrument :

FID_F

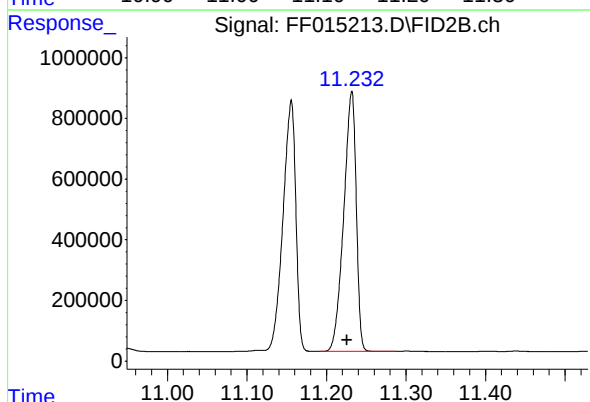
ClientSampleId :

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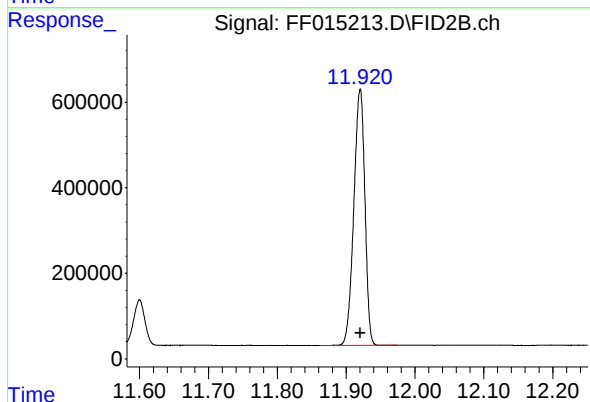
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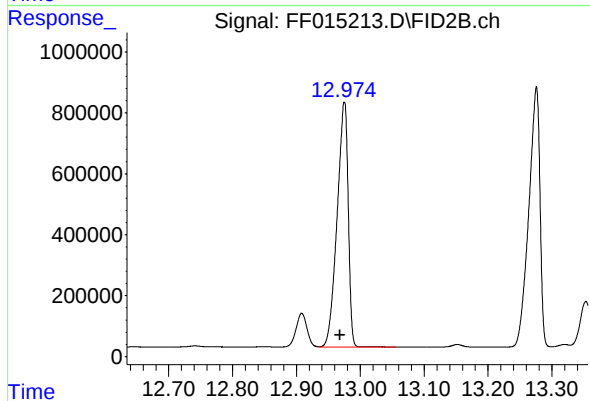
#10 Anthracene (C19.43)

R.T.: 11.231 min
Delta R.T.: 0.006 min
Response: 9359851
Conc: 64.78 ug/ml



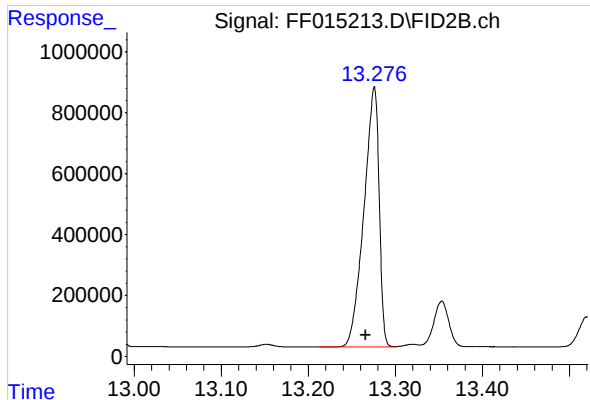
#11 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: 0.000 min
Response: 6684323
Conc: 44.37 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.975 min
Delta R.T.: 0.006 min
Response: 9689574
Conc: 65.83 ug/ml



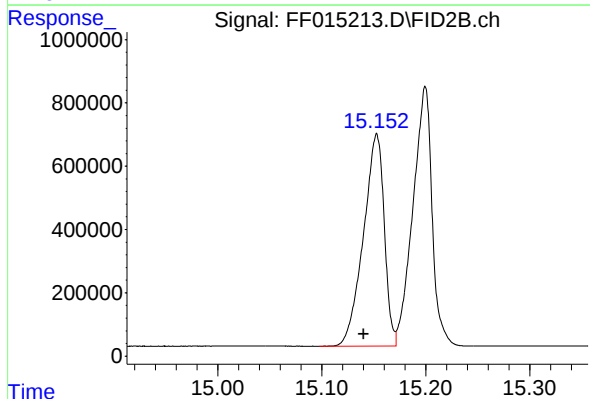
#13 Pyrene (C20.8)

R.T.: 13.275 min
Delta R.T.: 0.009 min
Response: 10335093
Conc: 70.85 ug/ml

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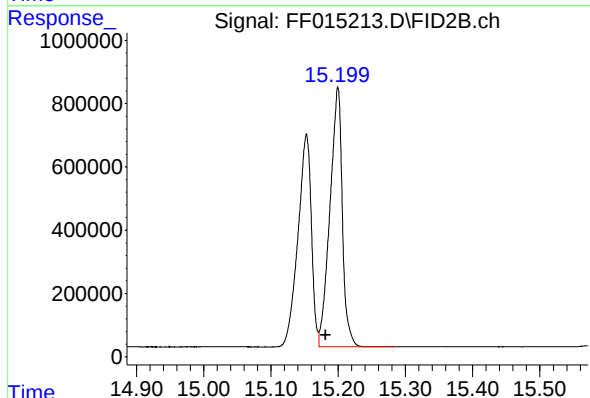
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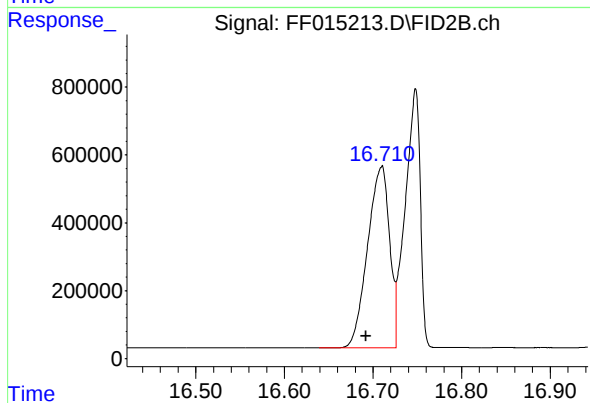
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min
Delta R.T.: 0.012 min
Response: 9323143
Conc: 66.40 ug/ml



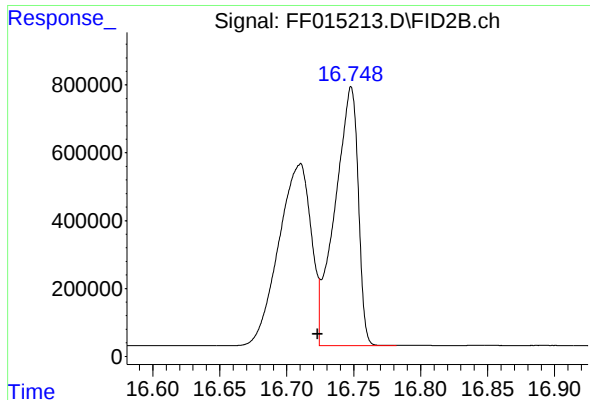
#15 Chrysene (C27.41)

R.T.: 15.199 min
Delta R.T.: 0.017 min
Response: 10525150
Conc: 74.98 ug/ml



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

R.T.: 16.709 min
Delta R.T.: 0.017 min
Response: 9182839
Conc: 66.51 ug/ml



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

R.T.: 16.748 min
Delta R.T.: 0.024 min
Response: 9190303
Conc: 66.78 ug/ml

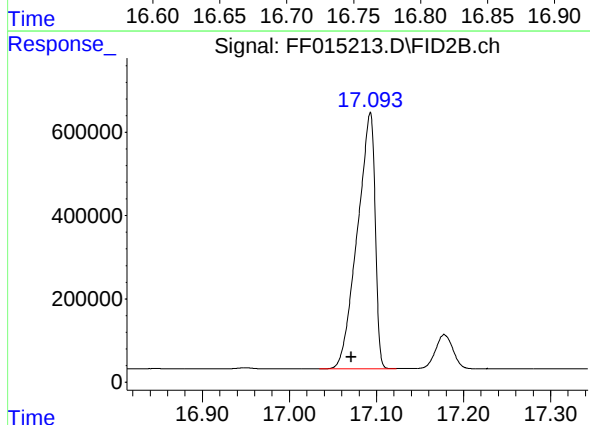
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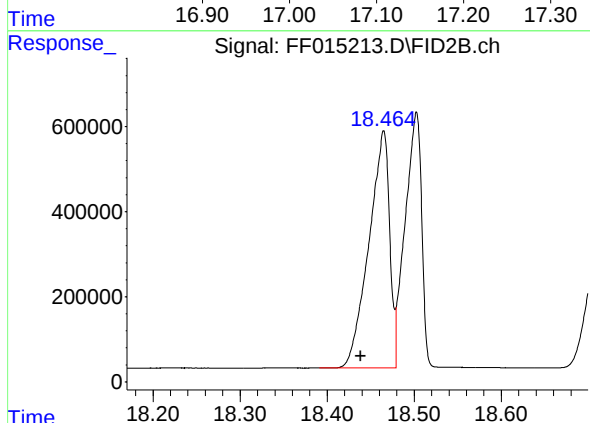
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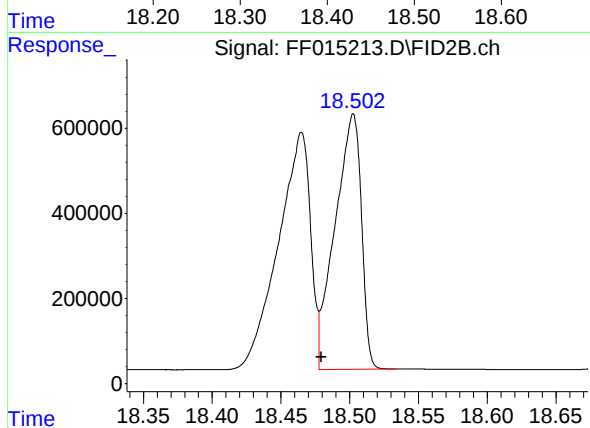
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.092 min
Delta R.T.: 0.021 min
Response: 8721678
Conc: 66.57 ug/ml



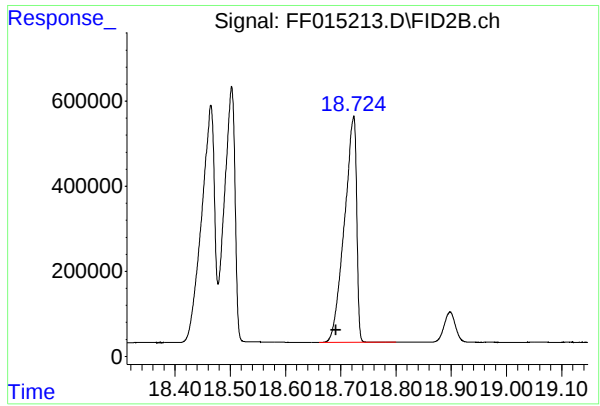
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.464 min
Delta R.T.: 0.026 min
Response: 9215565
Conc: 75.82 ug/ml



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

R.T.: 18.502 min
Delta R.T.: 0.023 min
Response: 7981438
Conc: 59.69 ug/ml m



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

R.T.: 18.722 min
Delta R.T.: 0.031 min
Response: 8174217
Conc: 63.46 ug/ml

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