

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102424AR\
 Data File : FD048581.D
 Signal(s) : FID2B.ch
 Acq On : 24 Oct 2024 12:48
 Operator : YP/AJ
 Sample : PB164368BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB164368BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :Ankita Jodhani 10/25/2024

Integration File: autoint1.e
 Quant Time: Oct 25 01:32:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.375	9324431	61.434 ug/ml
Spiked Amount 50.000		Recovery =	122.87%
6) S 2-Fluorobiphenyl (SURR)	8.225	6235301	63.501 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	127.00%
11) S ortho-Terphenyl (SURR)	11.262	8632281	50.677 ug/ml
Spiked Amount 50.000		Recovery =	101.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.197	7149109	41.094 ug/mlm
2) T Naphthalene (C11.7)	5.715	8220179	46.068 ug/ml
3) T 2-Methylnaphthalene (...)	6.762	8102631	45.300 ug/ml
5) T Acenaphthylene (C15.06)	8.028	8651569	49.271 ug/ml
7) T Acenaphthene (C15.5)	8.324	9117504	51.406 ug/ml
8) T Flouorene (C16.55)	9.101	9398047	55.598 ug/ml
9) T Phenanthrene (C19.36)	10.490	9622711	58.212 ug/ml
10) T Anthracene (C19.43)	10.566	9779454	61.156 ug/ml
12) T Fluoranthene (C21.85)	12.296	9767225	59.347 ug/mlm
13) T Pyrene (C20.8)	12.589	10178167	63.188 ug/ml
14) T Benzo[a]anthracene (C...	14.459	9080335	62.102 ug/ml
15) T Chrysene (C27.41)	14.502	9188696	55.861 ug/ml
16) T benzo[b]fluoranthene ...	16.007	8908433	58.597 ug/ml
17) T Bnezo[k]fluoranthene ...	16.042	8901682	59.225 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.383	8544702	56.777 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.751	8997968	68.962 ug/ml
20) T Dibenz[a,h]anthracene...	17.788	8643535	53.114 ug/ml
21) T Benzo[g,h,i]perylene ...	18.003	8235905	53.797 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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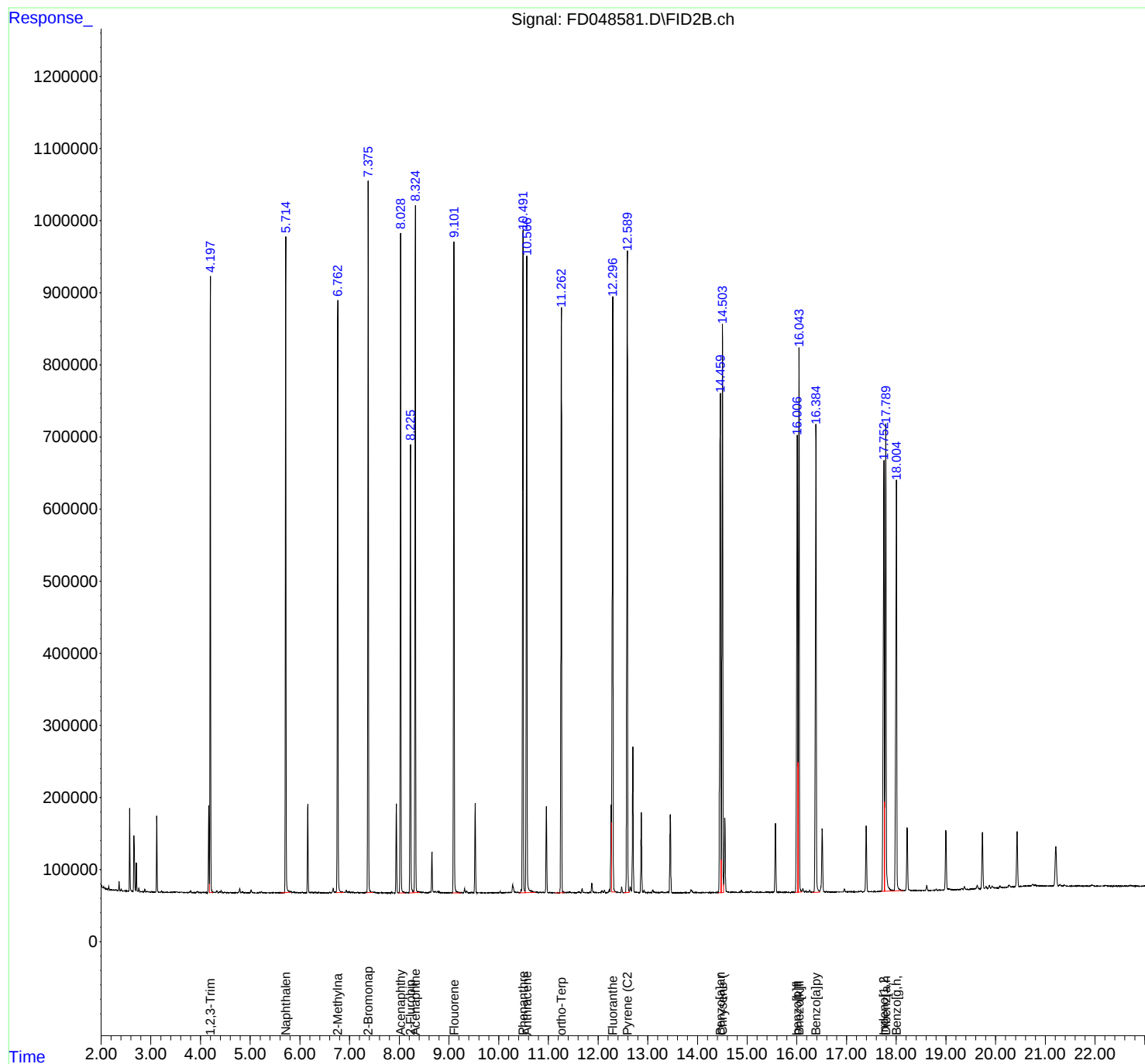
Instrument :
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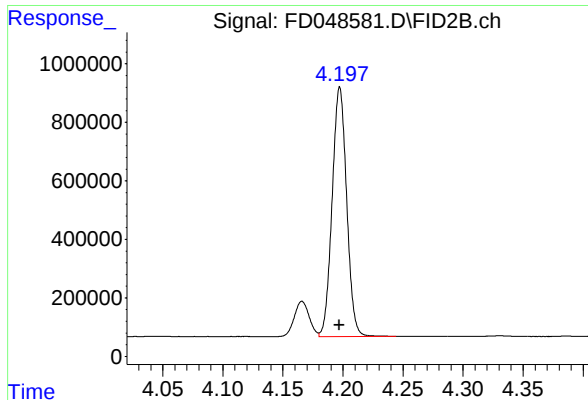
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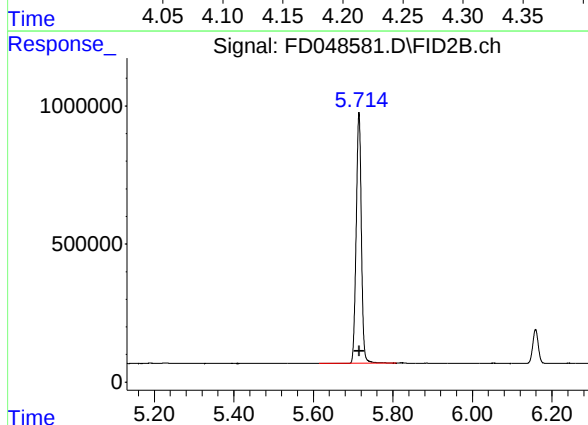
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 7149109
Conc: 41.09 ug/ml

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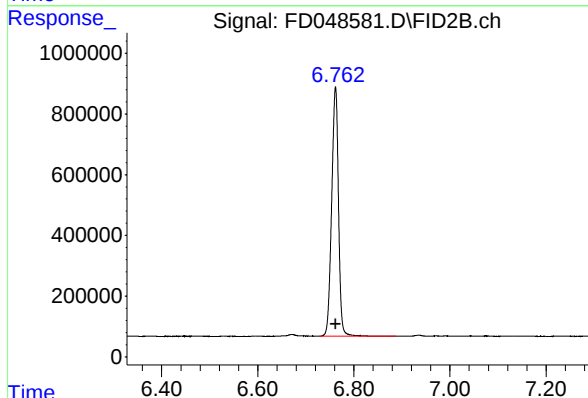
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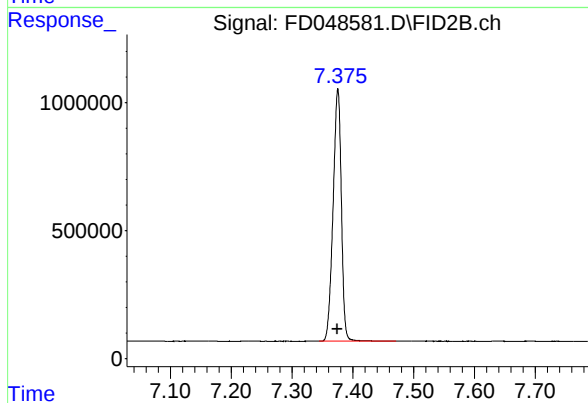
#2 Naphthalene (C11.7)

R.T.: 5.715 min
Delta R.T.: -0.001 min
Response: 8220179
Conc: 46.07 ug/ml



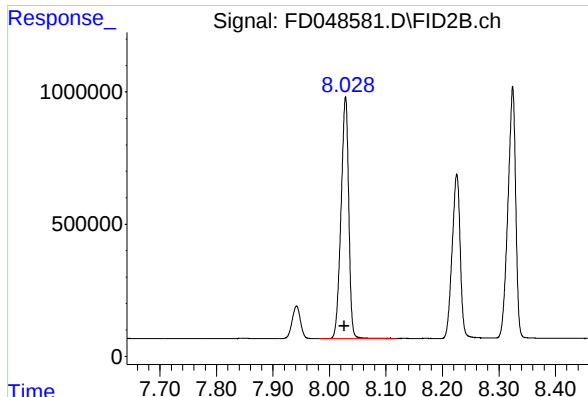
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 8102631
Conc: 45.30 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.375 min
Delta R.T.: 0.000 min
Response: 9324431
Conc: 61.43 ug/ml



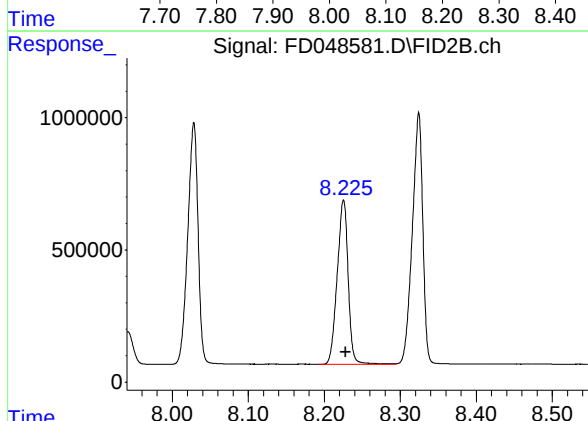
#5 Acenaphthylene (C15.06)

R.T.: 8.028 min
Delta R.T.: 0.002 min
Response: 8651569
Conc: 49.27 ug/ml

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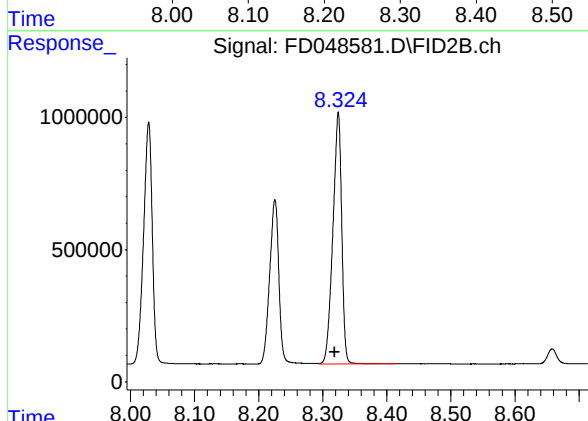
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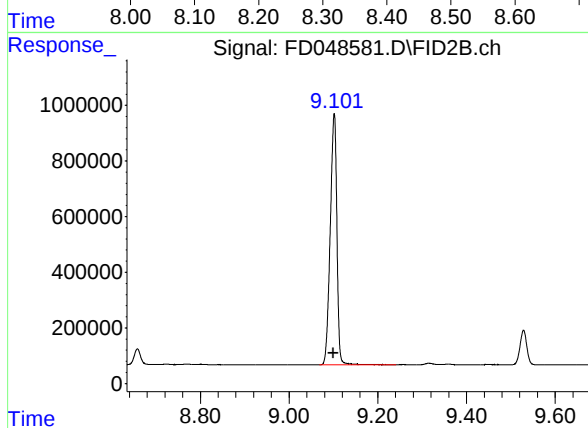
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.225 min
Delta R.T.: -0.003 min
Response: 6235301
Conc: 63.50 ug/ml



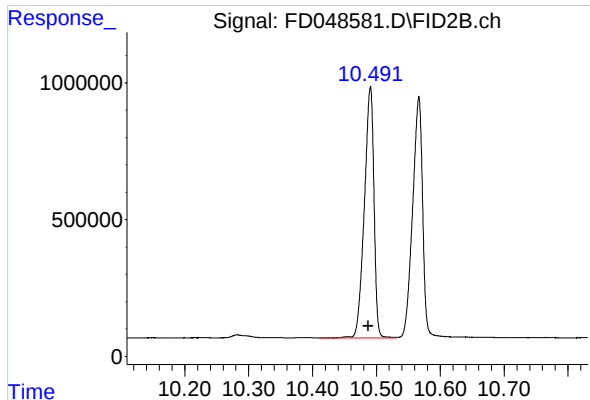
#7 Acenaphthene (C15.5)

R.T.: 8.324 min
Delta R.T.: 0.005 min
Response: 9117504
Conc: 51.41 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.101 min
Delta R.T.: 0.000 min
Response: 9398047
Conc: 55.60 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.490 min
Delta R.T.: 0.003 min
Response: 9622711
Conc: 58.21 ug/ml

Instrument :

FID_D

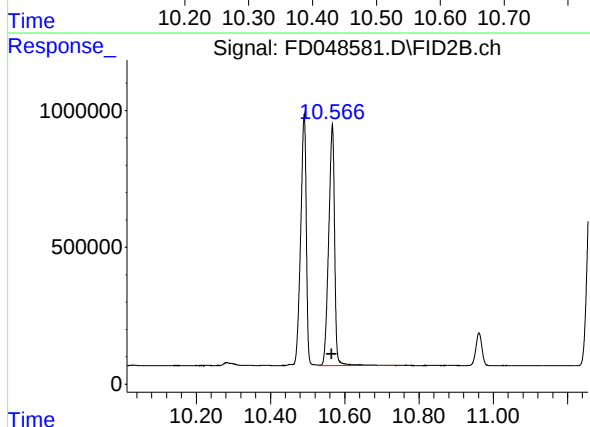
ClientSampleId :

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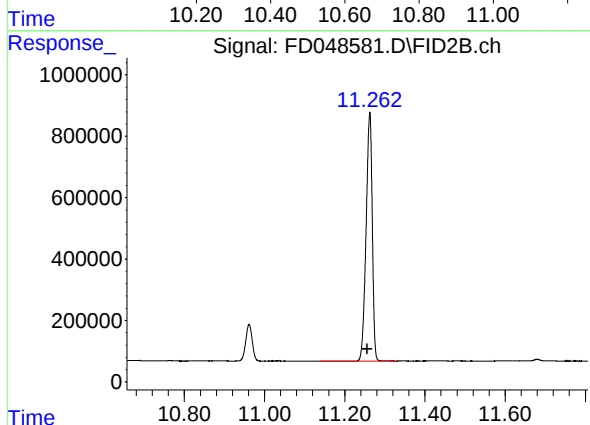
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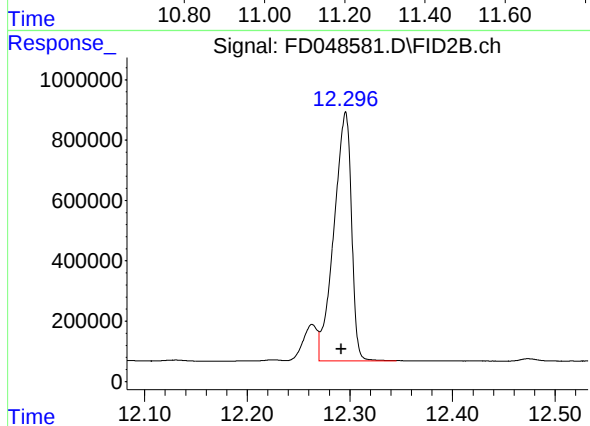
#10 Anthracene (C19.43)

R.T.: 10.566 min
Delta R.T.: 0.001 min
Response: 9779454
Conc: 61.16 ug/ml



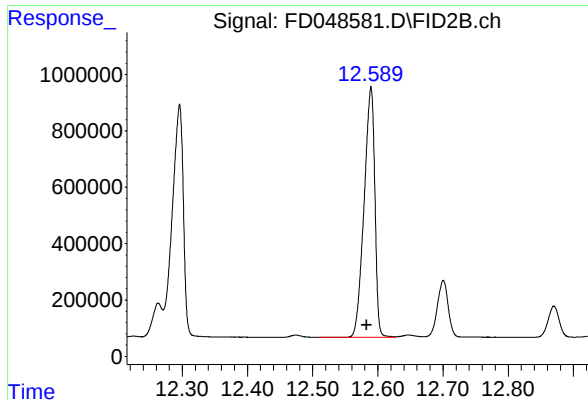
#11 ortho-Terphenyl (SURR)

R.T.: 11.262 min
Delta R.T.: 0.005 min
Response: 8632281
Conc: 50.68 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.296 min
Delta R.T.: 0.004 min
Response: 9767225
Conc: 59.35 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.589 min
Delta R.T.: 0.006 min
Response: 10178167
Conc: 63.19 ug/ml

Instrument :

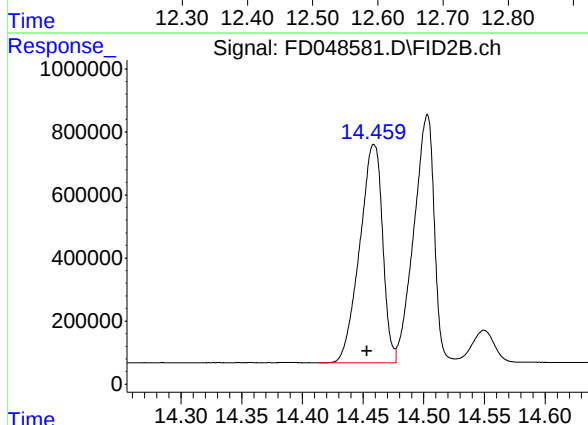
FID_D

ClientSampleId :

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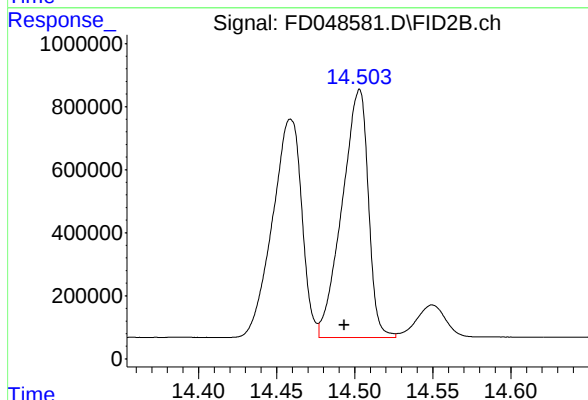
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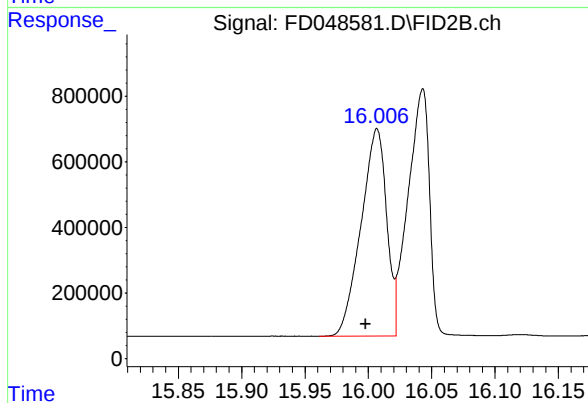
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.459 min
Delta R.T.: 0.005 min
Response: 9080335
Conc: 62.10 ug/ml



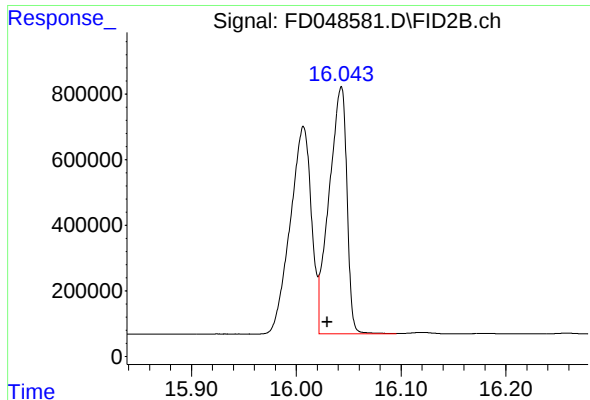
#15 Chrysene (C27.41)

R.T.: 14.502 min
Delta R.T.: 0.009 min
Response: 9188696
Conc: 55.86 ug/ml



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

R.T.: 16.007 min
Delta R.T.: 0.009 min
Response: 8908433
Conc: 58.60 ug/ml



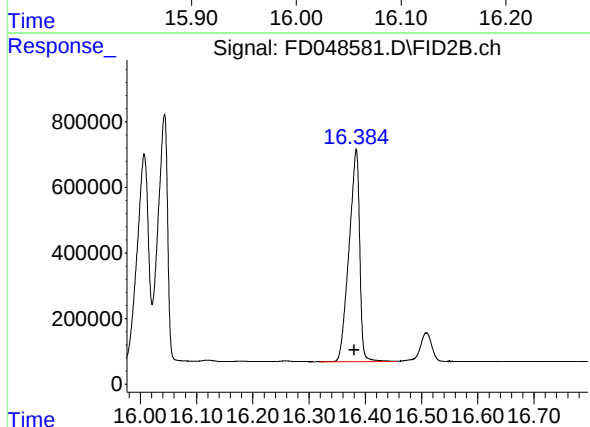
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.042 min
Delta R.T.: 0.012 min
Response: 8901682
Conc: 59.22 ug/ml

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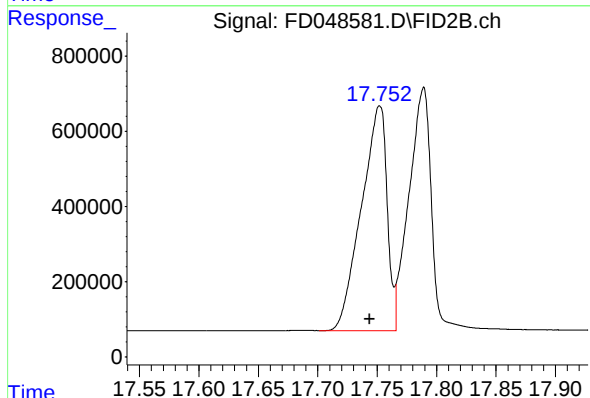
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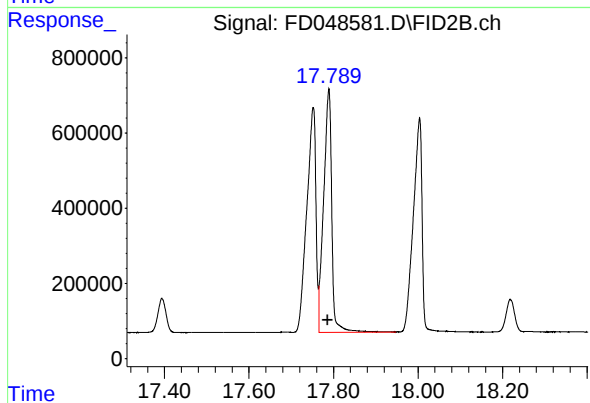
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.383 min
Delta R.T.: 0.003 min
Response: 8544702
Conc: 56.78 ug/ml



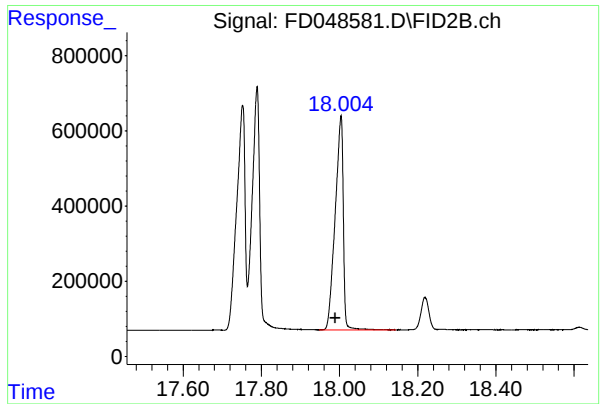
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.751 min
Delta R.T.: 0.007 min
Response: 8997968
Conc: 68.96 ug/ml



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

R.T.: 17.788 min
Delta R.T.: 0.002 min
Response: 8643535
Conc: 53.11 ug/ml



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

R.T.: 18.003 min
Delta R.T.: 0.013 min
Response: 8235905
Conc: 53.80 ug/ml

Instrument :

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