

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112224AR\
 Data File : FD048802.D
 Signal(s) : FID2B.ch
 Acq On : 22 Nov 2024 12:08
 Operator : YP/AJ
 Sample : PB165188BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165188BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/25/2024

Supervised By :Ankita Jodhani 11/25/2024

Integration File: autoint1.e

Quant Time: Nov 22 23:08:13 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M

Quant Title : GC Extractables

Qlast Update : Thu Nov 14 14:16:25 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...	7.368	9645156	54.784 ug/ml
Spiked Amount 50.000		Recovery =	109.57%
6) S 2-Fluorobiphenyl (SURR)	8.218	5788509	50.261 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.52%
11) S ortho-Terphenyl (SURR)	11.255	9024478	46.920 ug/ml
Spiked Amount 50.000		Recovery =	93.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	7985580	42.372 ug/ml
2) T Naphthalene (C11.7)	5.708	9605703	49.116 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	9422685	49.306 ug/ml
5) T Acenaphthylene (C15.06)	8.022	10812156	55.754 ug/ml
7) T Acenaphthene (C15.5)	8.318	11220383	58.335 ug/ml
8) T Flouorene (C16.55)	9.097	11118005	57.951 ug/ml
9) T Phenanthrene (C19.36)	10.485	10880973	59.361 ug/ml
10) T Anthracene (C19.43)	10.561	10932557	58.379 ug/ml
12) T Fluoranthene (C21.85)	12.292	10867937	59.348 ug/mlm
13) T Pyrene (C20.8)	12.585	10728889	59.343 ug/ml
14) T Benzo[a]anthracene (C...	14.456	10079979	61.276 ug/ml
15) T Chrysene (C27.41)	14.500	9904750	56.594 ug/ml
16) T benzo[b]fluoranthene ...	16.005	9644571	61.384 ug/ml
17) T Bnezo[k]fluoranthene ...	16.041	10073998	61.729 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.382	9063526	60.789 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	8965310	72.576 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	8440127	53.823 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	8589912	60.201 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD11224AR\
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Operator : YP/AJ
Sample : PB165188BSD
Misc :
ALS Vial : 63 Sample Multiplier: 1

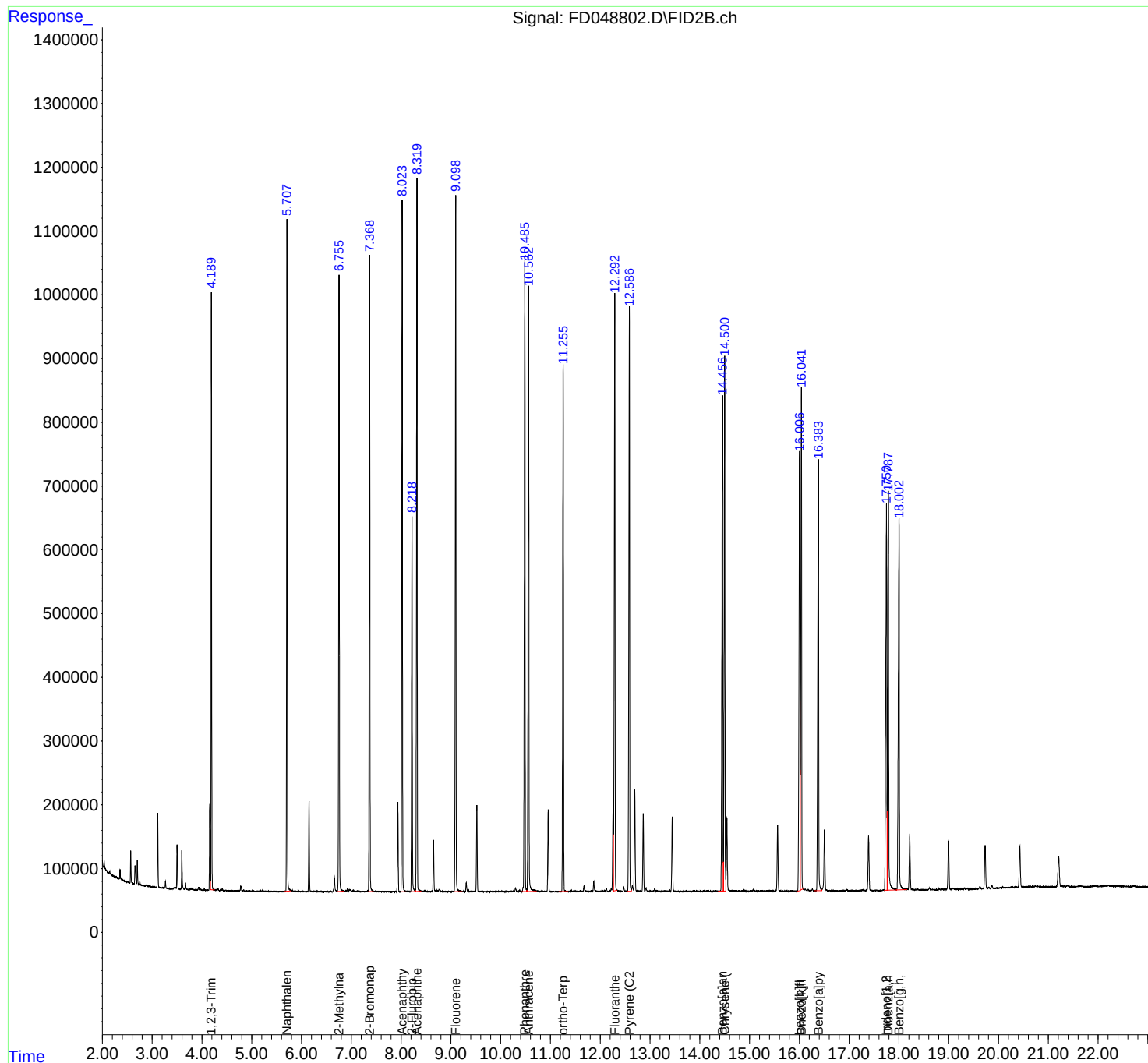
Instrument :
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ClientSampleId :
PB165188BSD

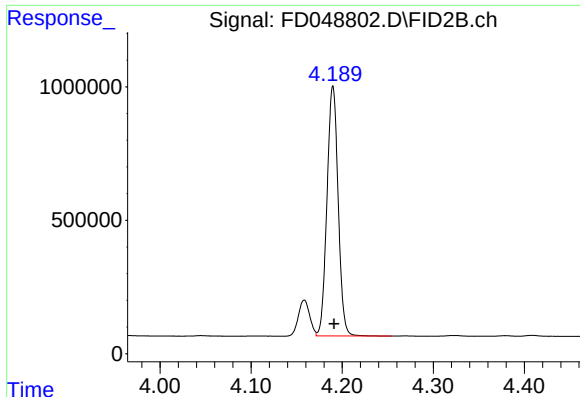
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Quant Title : GC Extractables
QLast Update : Thu Nov 14 14:16:25 2024
Response via : Initial Calibration
Integrator: ChemStation

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.: 4.190 min
Delta R.T.: -0.001 min
Response: 7985580
Conc: 42.37 ug/ml

Instrument :

FID_D

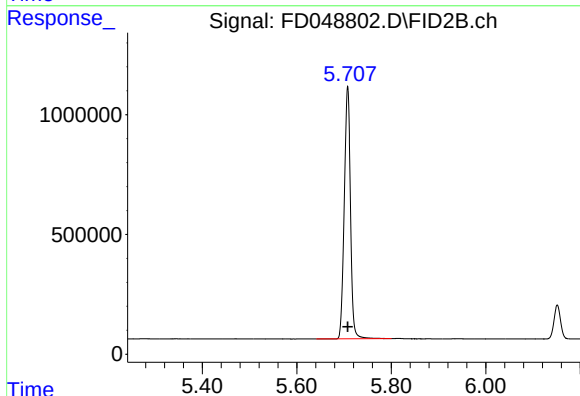
ClientSampleId :

PB165188BSD

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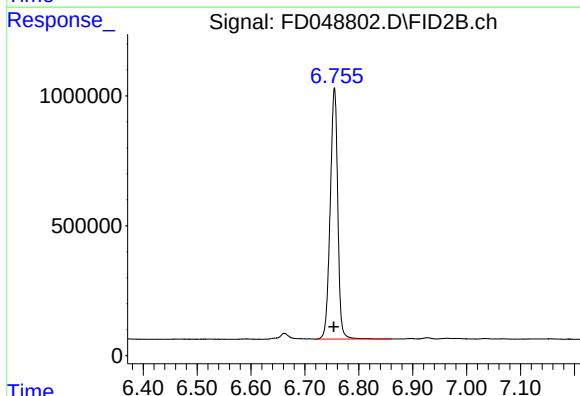
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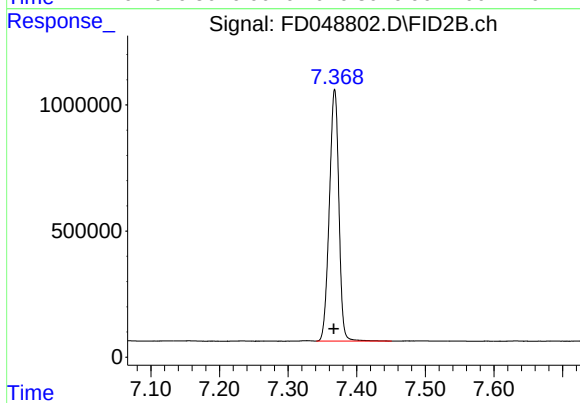
#2 Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: 0.000 min
Response: 9605703
Conc: 49.12 ug/ml



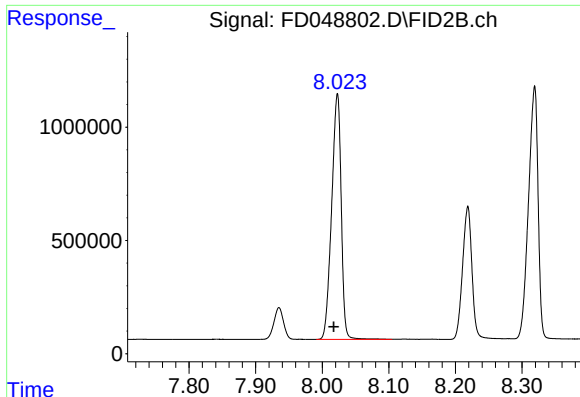
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 9422685
Conc: 49.31 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.368 min
Delta R.T.: 0.001 min
Response: 9645156
Conc: 54.78 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.022 min
Delta R.T.: 0.005 min
Response: 10812156
Conc: 55.75 ug/ml

Instrument :

FID_D

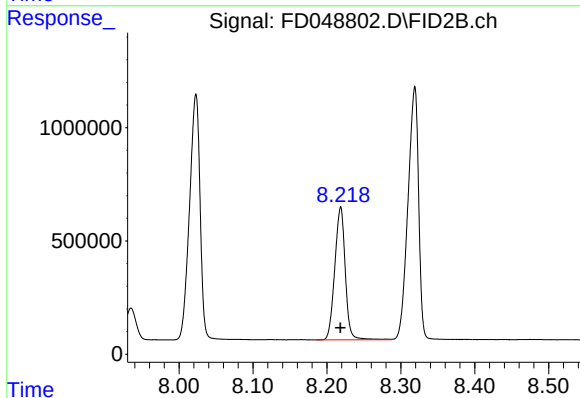
ClientSampleId :

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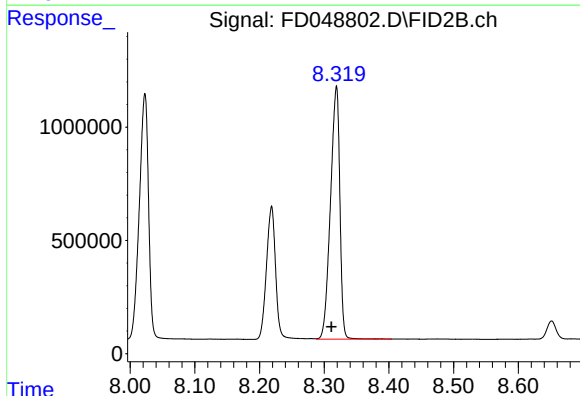
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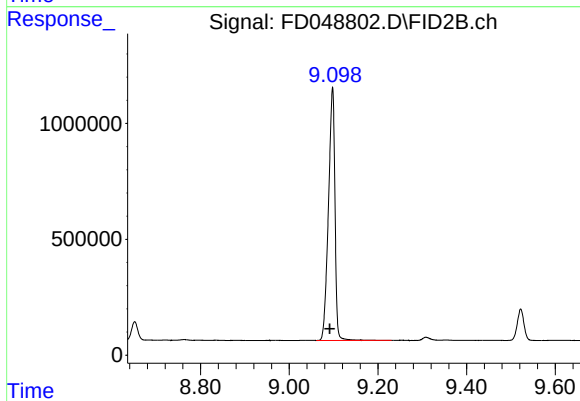
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 5788509
Conc: 50.26 ug/ml



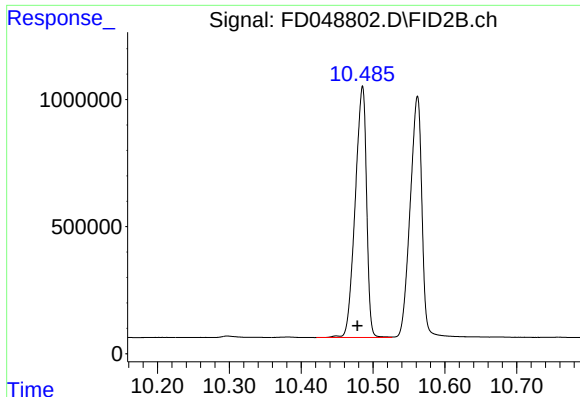
#7 Acenaphthene (C15.5)

R.T.: 8.318 min
Delta R.T.: 0.007 min
Response: 11220383
Conc: 58.33 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.097 min
Delta R.T.: 0.006 min
Response: 11118005
Conc: 57.95 ug/ml



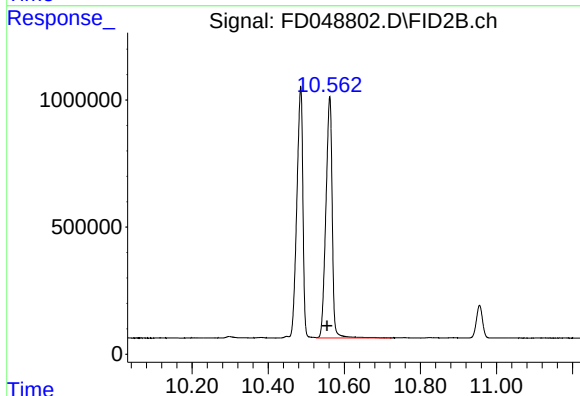
#9 Phenanthrene (C19.36)

R.T.: 10.485 min
Delta R.T.: 0.007 min
Response: 10880973
Conc: 59.36 ug/ml

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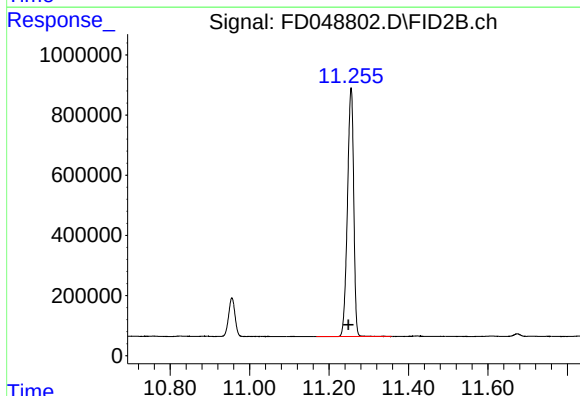
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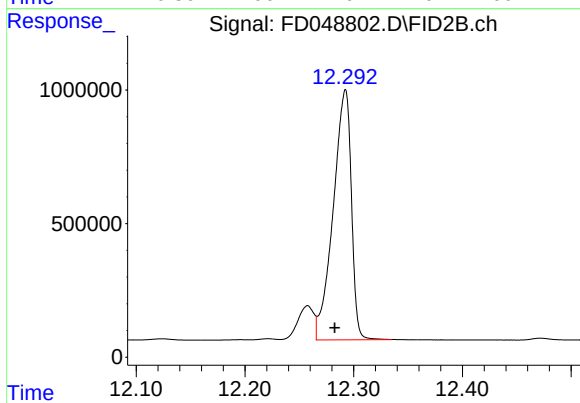
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: 0.007 min
Response: 10932557
Conc: 58.38 ug/ml



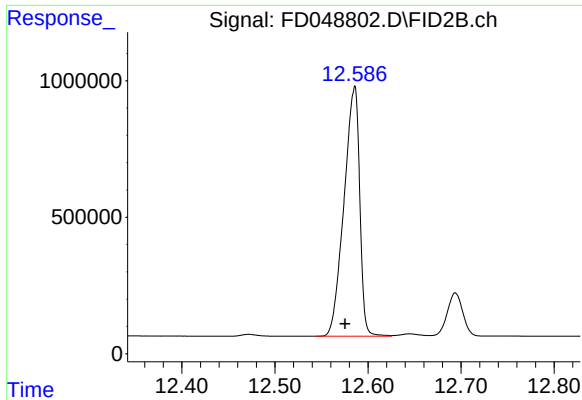
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: 0.007 min
Response: 9024478
Conc: 46.92 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.292 min
Delta R.T.: 0.010 min
Response: 10867937
Conc: 59.35 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.585 min
Delta R.T.: 0.009 min
Response: 10728889
Conc: 59.34 ug/ml

Instrument :

FID_D

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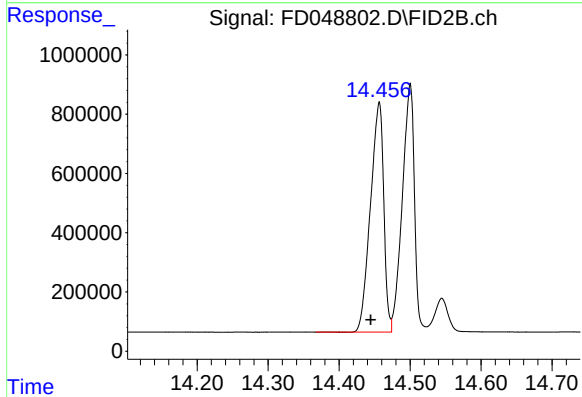
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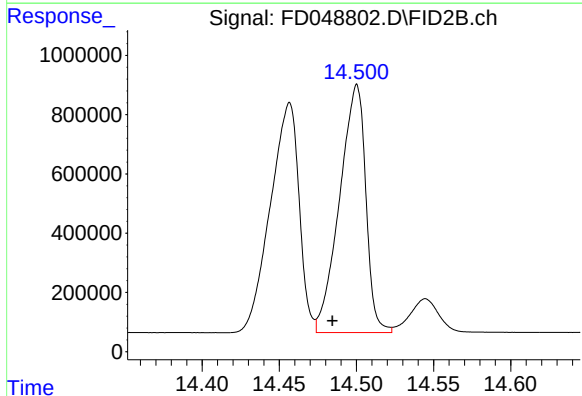
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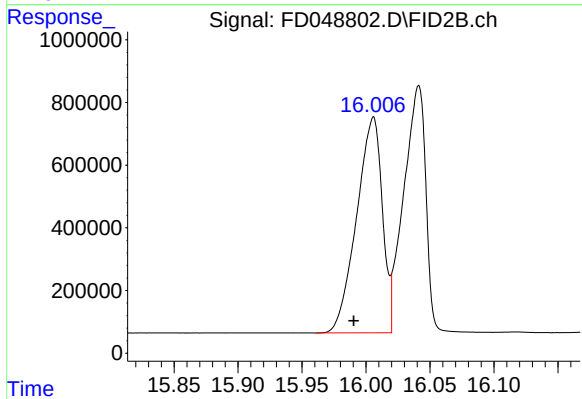
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.456 min
Delta R.T.: 0.011 min
Response: 10079979
Conc: 61.28 ug/ml



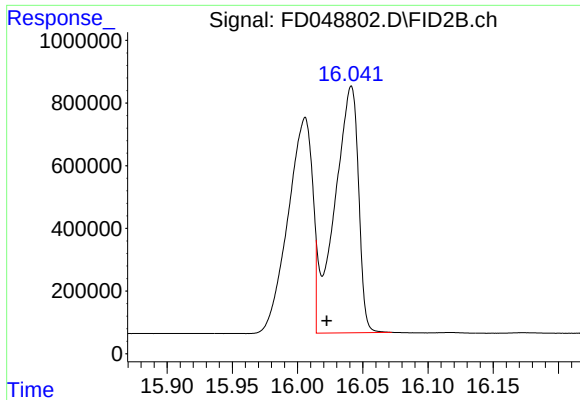
#15 Chrysene (C27.41)

R.T.: 14.500 min
Delta R.T.: 0.015 min
Response: 9904750
Conc: 56.59 ug/ml



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

R.T.: 16.005 min
Delta R.T.: 0.014 min
Response: 9644571
Conc: 61.38 ug/ml



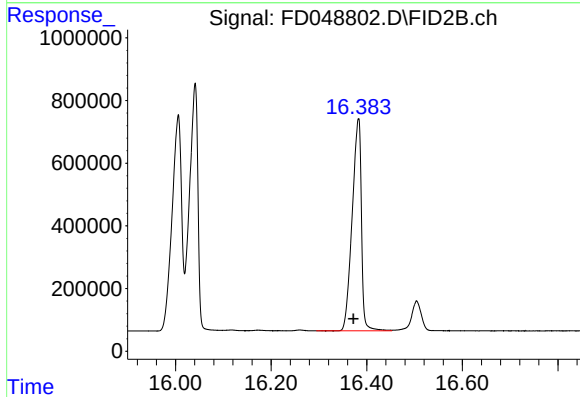
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.041 min
Delta R.T.: 0.019 min
Response: 10073998
Conc: 61.73 ug/ml

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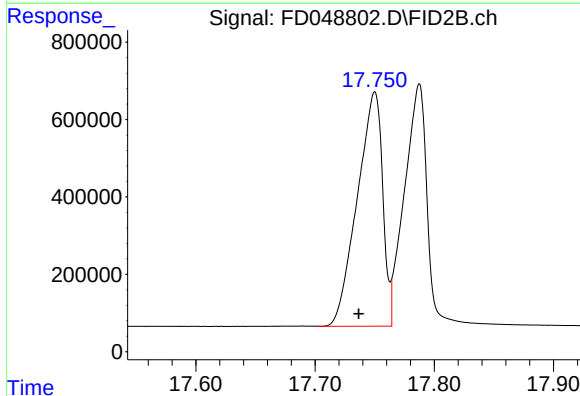
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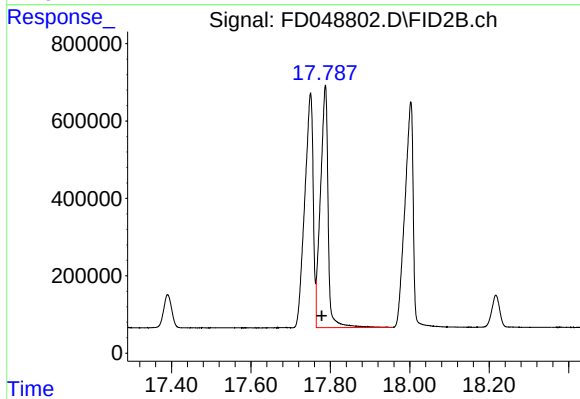
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.382 min
Delta R.T.: 0.009 min
Response: 9063526
Conc: 60.79 ug/ml



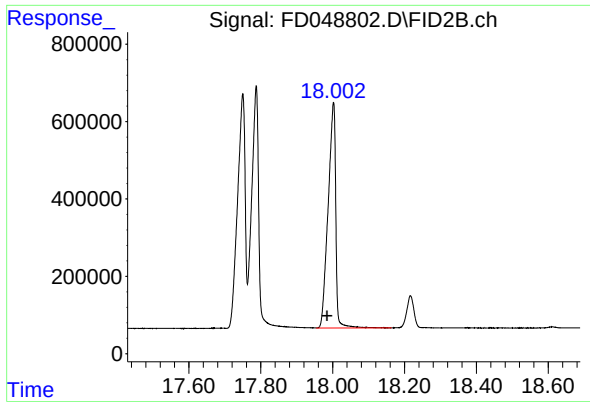
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: 0.013 min
Response: 8965310
Conc: 72.58 ug/ml



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

R.T.: 17.787 min
Delta R.T.: 0.008 min
Response: 8440127
Conc: 53.82 ug/ml



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

R.T.: 18.000 min
Delta R.T.: 0.015 min
Response: 8589912
Conc: 60.20 ug/ml

Instrument :

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