

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091824AR\
 Data File : FD048326.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2024 17:40
 Operator : YP/AJ
 Sample : PB163506BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163506BS

Integration File: autoint1.e
 Quant Time: Sep 19 05:10:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.389	8053574	53.102 ug/ml
Spiked Amount 50.000		Recovery =	106.20%
6) S 2-Fluorobiphenyl (SURR)	8.239	4988374	52.207 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.41%
11) S ortho-Terphenyl (SURR)	11.275	7312447	42.621 ug/ml
Spiked Amount 50.000		Recovery =	85.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.210	6816138	38.638 ug/ml
2) T Naphthalene (C11.7)	5.728	7541610	41.704 ug/ml
3) T 2-Methylnaphthalene (...)	6.776	7748920	43.312 ug/ml
5) T Acenaphthylene (C15.06)	8.043	7988459	45.723 ug/ml
7) T Acenaphthene (C15.5)	8.338	7973172	44.830 ug/ml
8) T Fluorene (C16.55)	9.117	8006292	47.813 ug/ml
9) T Phenanthrene (C19.36)	10.504	8053862	49.885 ug/ml
10) T Anthracene (C19.43)	10.579	7835844	49.242 ug/ml
12) T Fluoranthene (C21.85)	12.309	9563773	58.994 ug/ml
13) T Pyrene (C20.8)	12.602	8364649	52.169 ug/ml
14) T Benzo[a]anthracene (C...	14.471	7524941	53.720 ug/ml
15) T Chrysene (C27.41)	14.514	7610336	46.203 ug/ml
16) T benzo[b]fluoranthene ...	16.019	7626472	51.330 ug/ml
17) T Bnezo[k]fluoranthene ...	16.053	7747650	50.304 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.394	7346778	49.656 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.758	6444910	57.038 ug/ml
20) T Dibenz[a,h]anthracene...	17.795	6670101	43.706 ug/ml
21) T Benzo[g,h,i]perylene ...	18.010	6410322	43.489 ug/ml

(f)=RT Delta > 1/2 Window

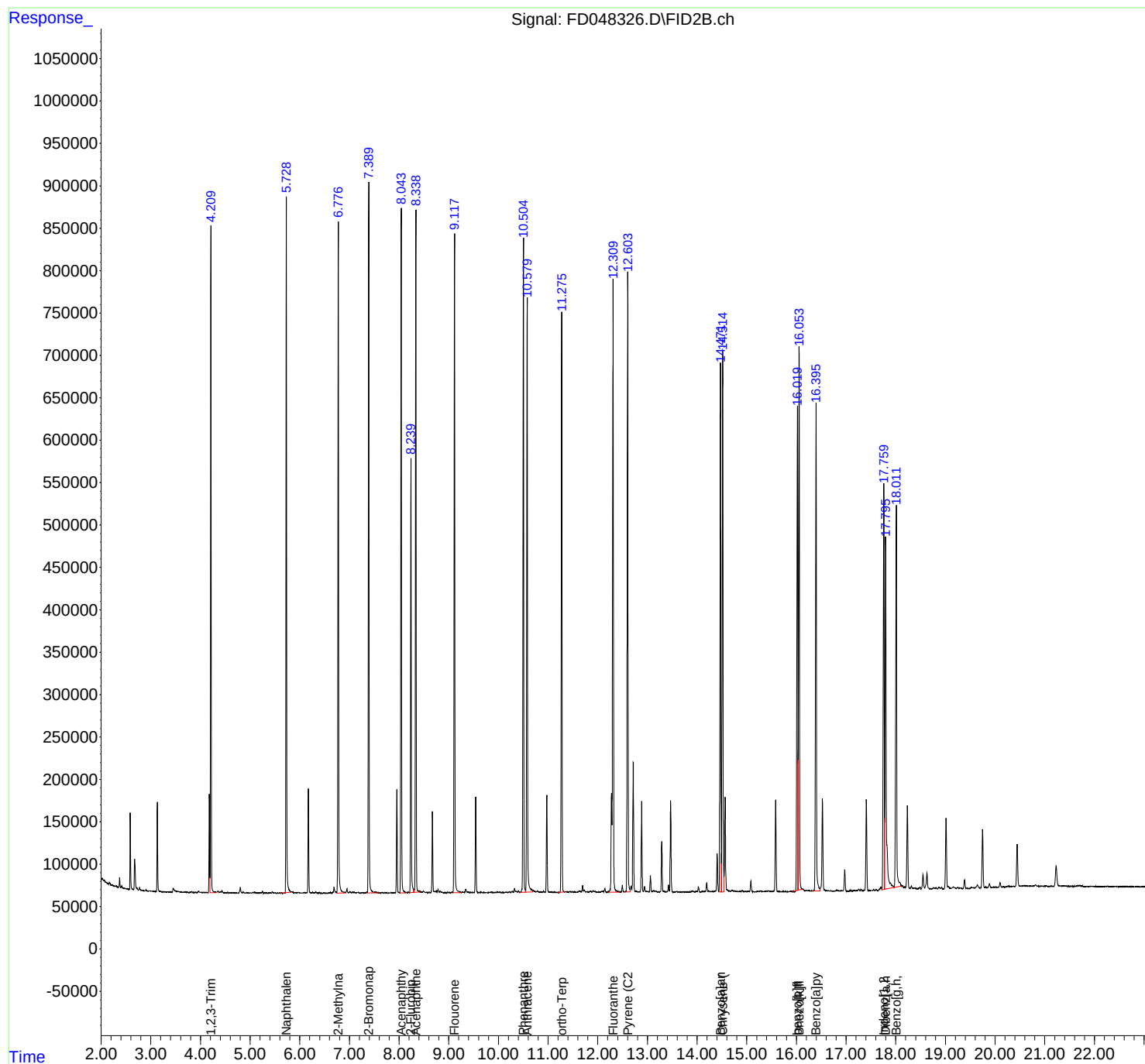
(m)=manual int.

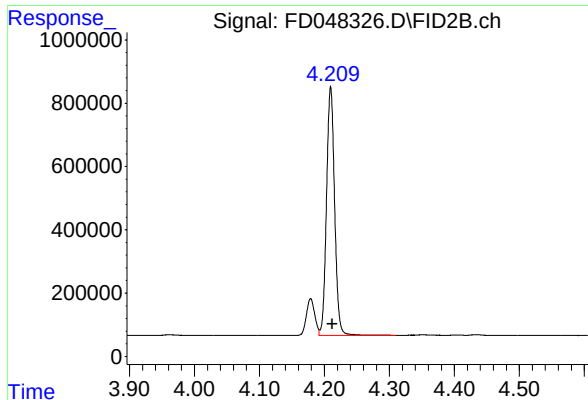
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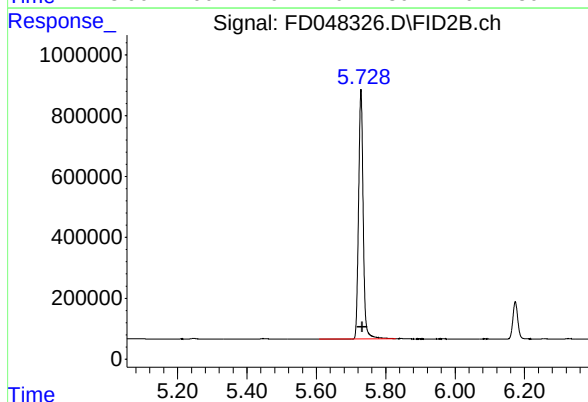




#1 1,2,3-Trimethylbenzene (C10.1)

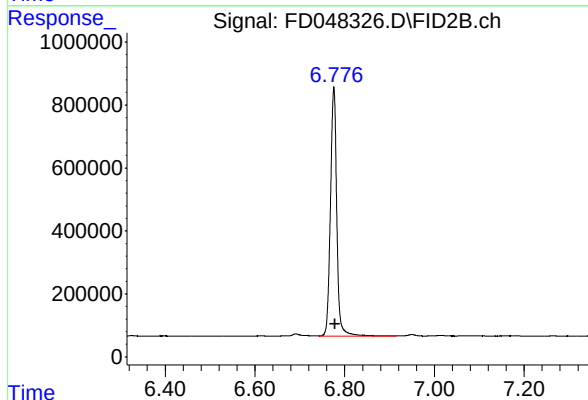
R.T.: 4.210 min
Delta R.T.: -0.002 min
Response: 6816138
Conc: 38.64 ug/ml

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FID_D
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PB163506BS



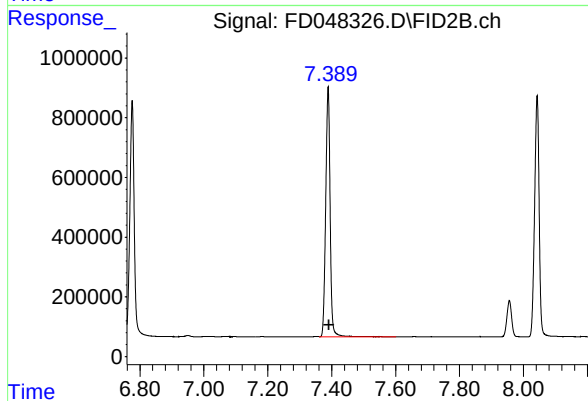
#2 Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 7541610
Conc: 41.70 ug/ml



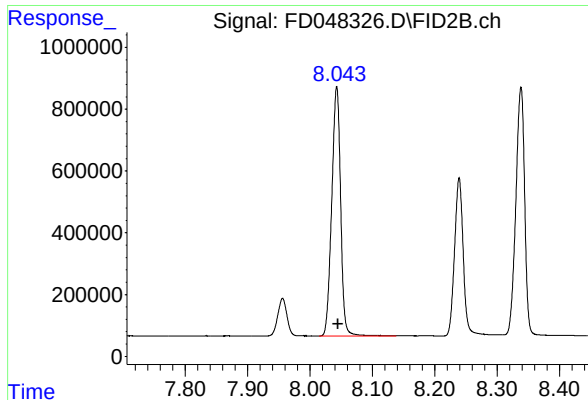
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 7748920
Conc: 43.31 ug/ml



#4 2-Bromonaphthalene (SURR)

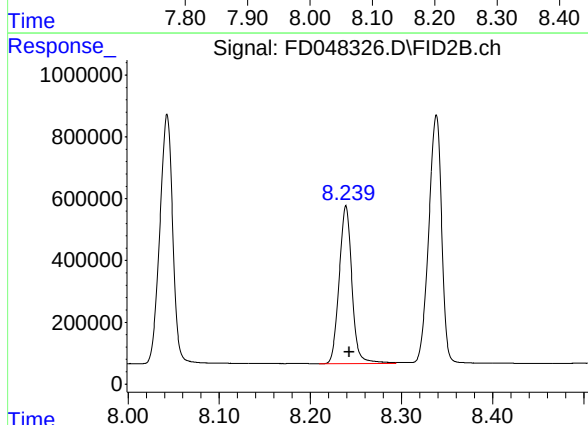
R.T.: 7.389 min
Delta R.T.: -0.003 min
Response: 8053574
Conc: 53.10 ug/ml



#5 Acenaphthylene (C15.06)

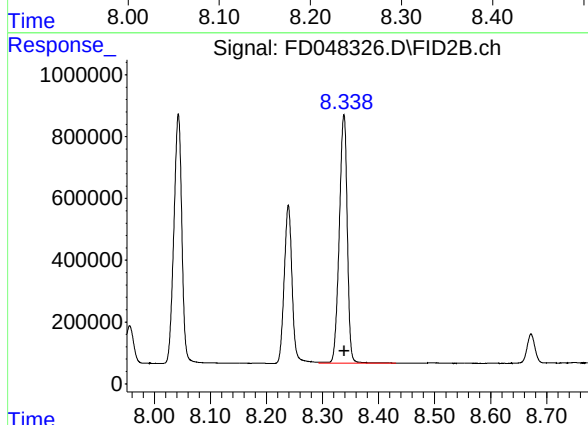
R.T.: 8.043 min
Delta R.T.: -0.002 min
Response: 7988459
Conc: 45.72 ug/ml

Instrument :
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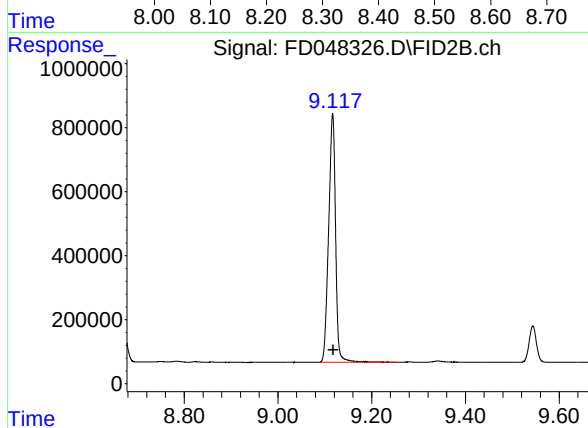
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: -0.004 min
Response: 4988374
Conc: 52.21 ug/ml



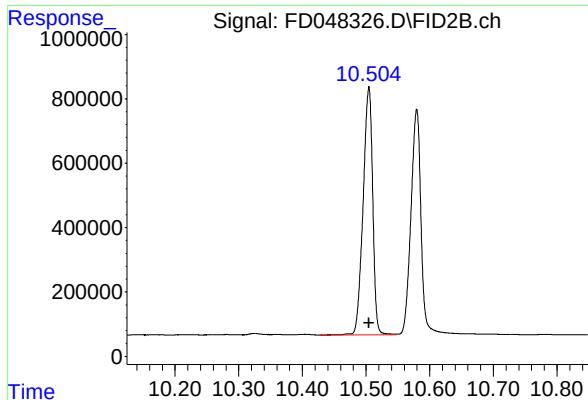
#7 Acenaphthene (C15.5)

R.T.: 8.338 min
Delta R.T.: -0.001 min
Response: 7973172
Conc: 44.83 ug/ml



#8 Fluorene (C16.55)

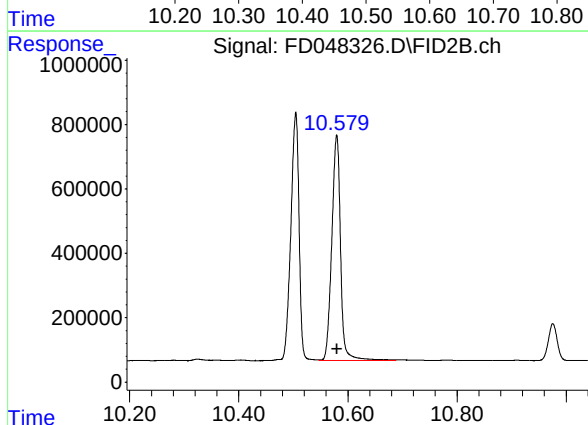
R.T.: 9.117 min
Delta R.T.: -0.001 min
Response: 8006292
Conc: 47.81 ug/ml



#9 Phenanthrene (C19.36)

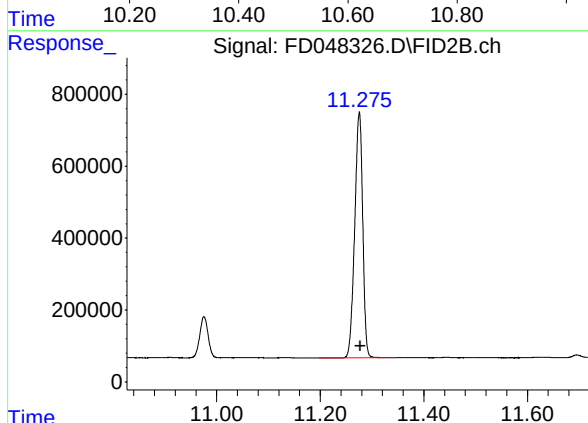
R.T.: 10.504 min
Delta R.T.: 0.000 min
Response: 8053862
Conc: 49.89 ug/ml

Instrument :
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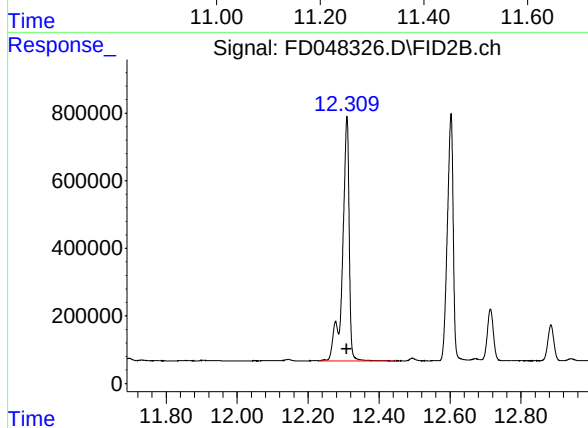
#10 Anthracene (C19.43)

R.T.: 10.579 min
Delta R.T.: 0.000 min
Response: 7835844
Conc: 49.24 ug/ml



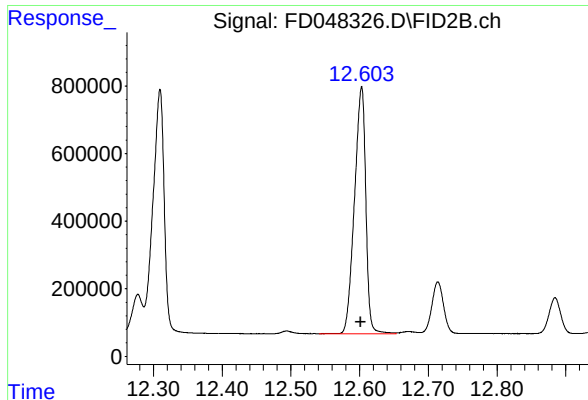
#11 ortho-Terphenyl (SURRE)

R.T.: 11.275 min
Delta R.T.: -0.002 min
Response: 7312447
Conc: 42.62 ug/ml



#12 Fluoranthene (C21.85)

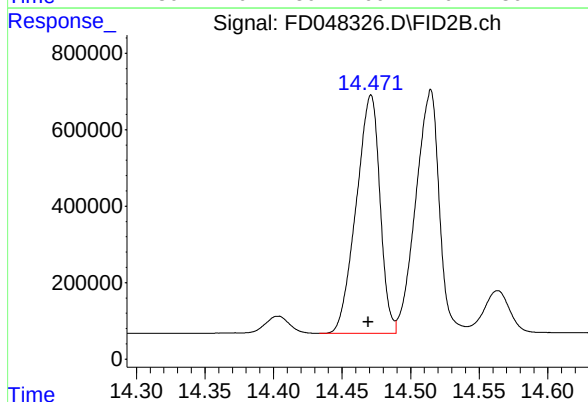
R.T.: 12.309 min
Delta R.T.: 0.000 min
Response: 9563773
Conc: 58.99 ug/ml



#13 Pyrene (C20.8)

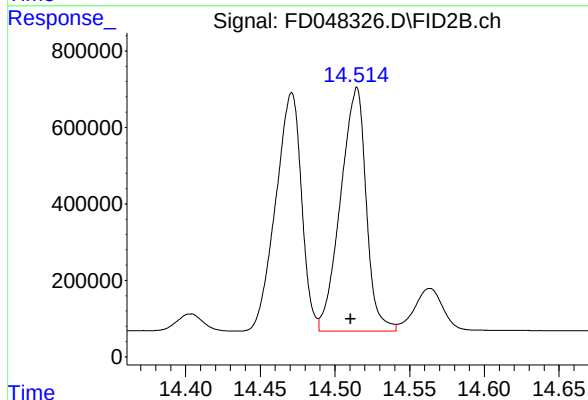
R.T.: 12.602 min
Delta R.T.: 0.000 min
Response: 8364649
Conc: 52.17 ug/ml

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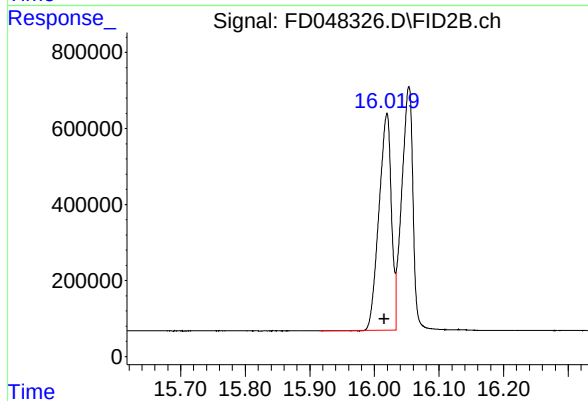
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.471 min
Delta R.T.: 0.001 min
Response: 7524941
Conc: 53.72 ug/ml



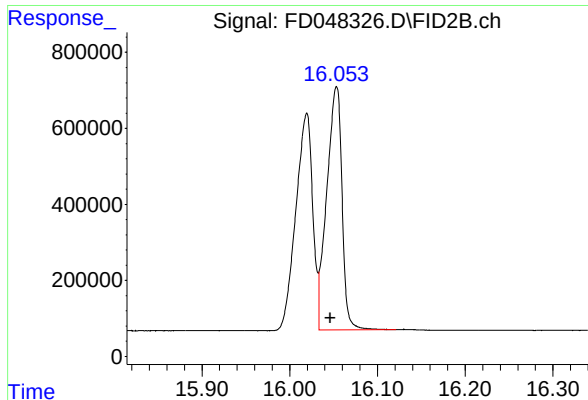
#15 Chrysene (C27.41)

R.T.: 14.514 min
Delta R.T.: 0.003 min
Response: 7610336
Conc: 46.20 ug/ml



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

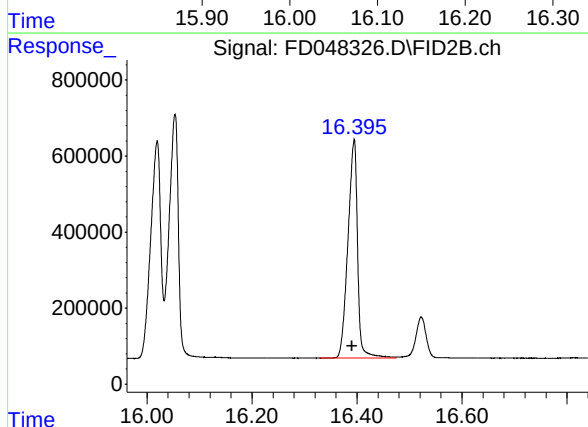
R.T.: 16.019 min
Delta R.T.: 0.003 min
Response: 7626472
Conc: 51.33 ug/ml



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

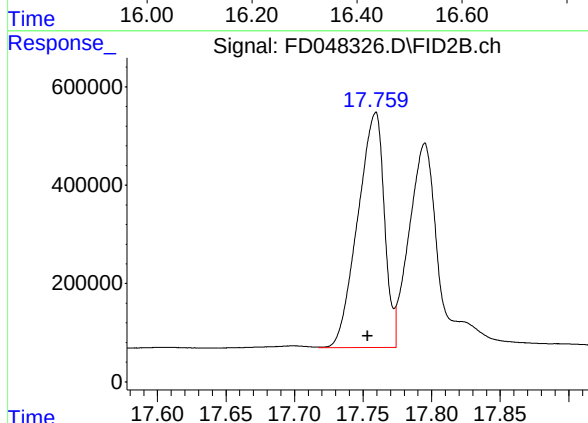
R.T.: 16.053 min
Delta R.T.: 0.007 min
Response: 7747650
Conc: 50.30 ug/ml

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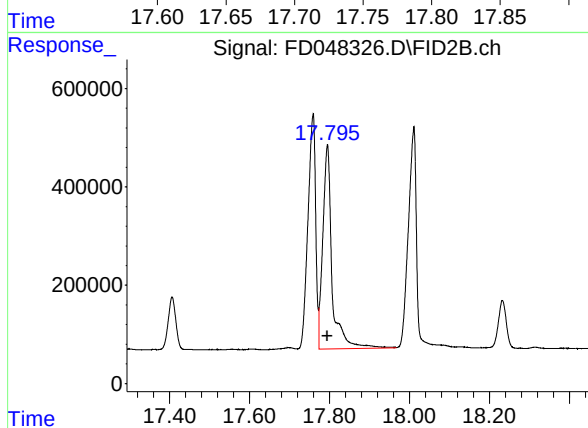
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.394 min
Delta R.T.: 0.003 min
Response: 7346778
Conc: 49.66 ug/ml



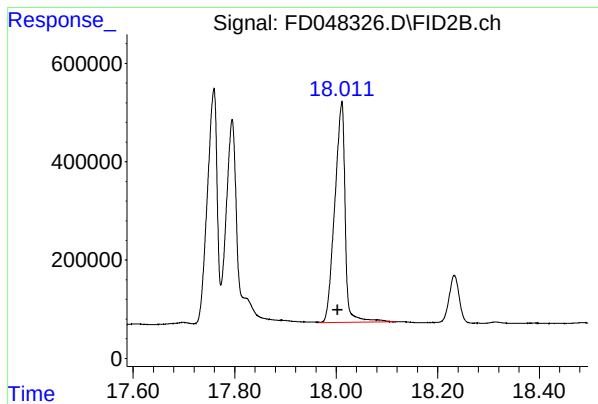
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.758 min
Delta R.T.: 0.005 min
Response: 6444910
Conc: 57.04 ug/ml



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

R.T.: 17.795 min
Delta R.T.: 0.000 min
Response: 6670101
Conc: 43.71 ug/ml



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

R.T.: 18.010 min

Delta R.T.: 0.007 min

Response: 6410322

Conc: 43.49 ug/ml

Instrument :

FID_D

ClientSampleId :

PB163506BS