

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091124AR\
 Data File : FD048295.D
 Signal(s) : FID2B.ch
 Acq On : 10 Sep 2024 17:56
 Operator : YP/AJ
 Sample : PB163249BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB163249BSD

Integration File: autoint1.e
 Quant Time: Sep 11 04:49:06 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...	7.391	7867238	51.874 ug/ml
Spiked Amount 50.000		Recovery =	103.75%
6) S 2-Fluorobiphenyl (SURR)	8.242	4955387	51.862 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.72%
11) S ortho-Terphenyl (SURR)	11.278	7156395	41.711 ug/ml
Spiked Amount 50.000		Recovery =	83.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.213	6708788	38.030 ug/ml
2) T Naphthalene (C11.7)	5.731	7456341	41.232 ug/ml
3) T 2-Methylnaphthalene (...)	6.778	7659277	42.811 ug/ml
5) T Acenaphthylene (C15.06)	8.045	7882736	45.118 ug/ml
7) T Acenaphthene (C15.5)	8.340	7903770	44.440 ug/ml
8) T Fluorene (C16.55)	9.119	7921799	47.309 ug/ml
9) T Phenanthrene (C19.36)	10.506	7954507	49.270 ug/ml
10) T Anthracene (C19.43)	10.581	7839044	49.262 ug/ml
12) T Fluoranthene (C21.85)	12.311	9353438	57.697 ug/ml
13) T Pyrene (C20.8)	12.605	8181399	51.026 ug/ml
14) T Benzo[a]anthracene (C...	14.473	7465167	53.293 ug/ml
15) T Chrysene (C27.41)	14.516	7465206	45.322 ug/ml
16) T benzo[b]fluoranthene ...	16.021	7550620	50.820 ug/ml
17) T Bnezo[k]fluoranthene ...	16.055	7472594	48.518 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.396	7304098	49.368 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.761	6778103	59.987 ug/ml
20) T Dibenz[a,h]anthracene...	17.798	7064346	46.290 ug/ml
21) T Benzo[g,h,i]perylene ...	18.013	6796545	46.109 ug/ml

(f)=RT Delta > 1/2 Window

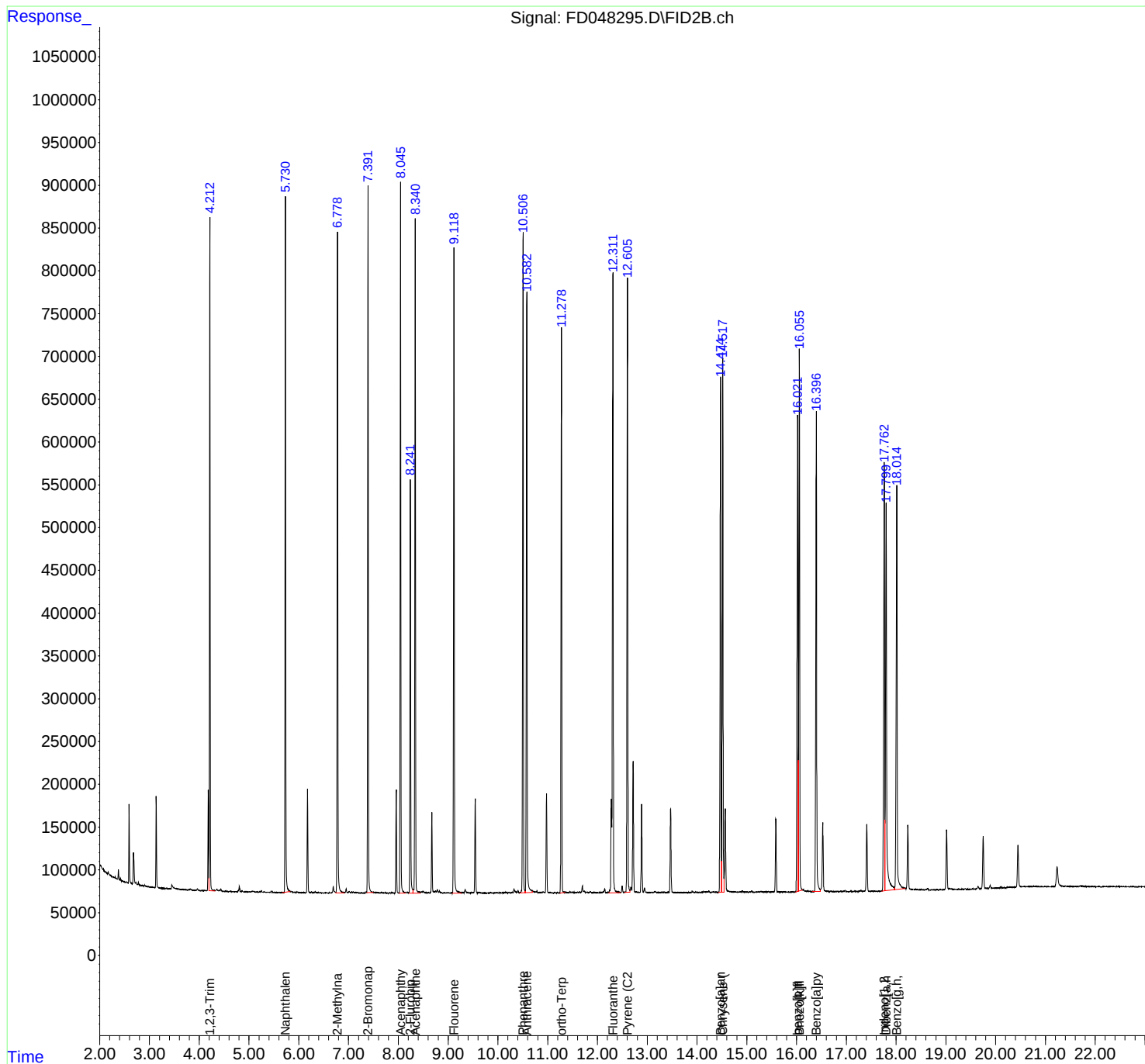
(m)=manual int.

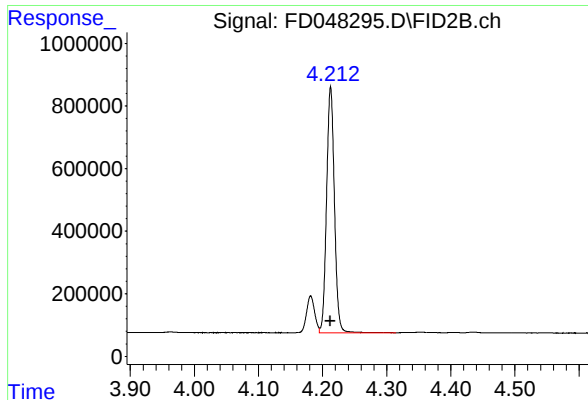
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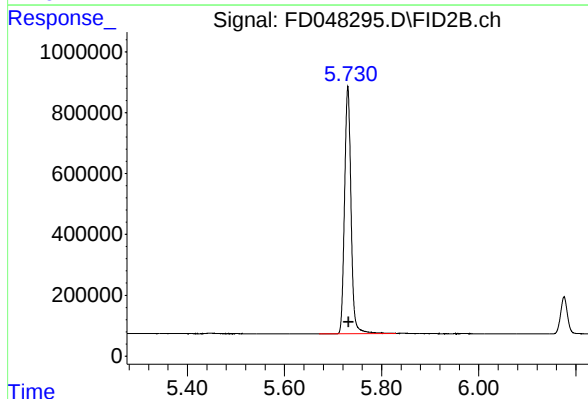




#1 1,2,3-Trimethylbenzene (C10.1)

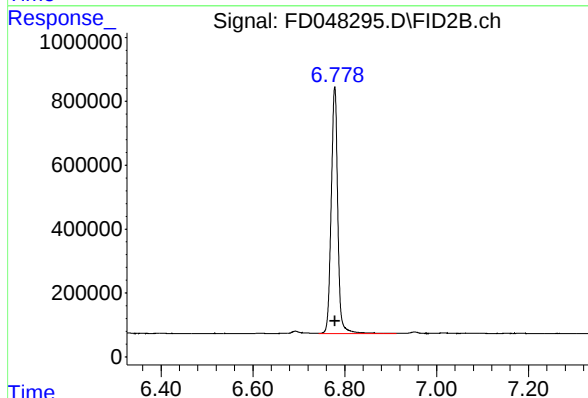
R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 6708788
Conc: 38.03 ug/ml

Instrument :
FID_D
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PB163249BSD



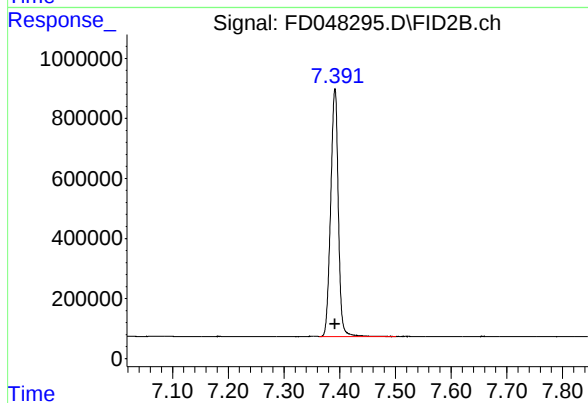
#2 Naphthalene (C11.7)

R.T.: 5.731 min
Delta R.T.: -0.002 min
Response: 7456341
Conc: 41.23 ug/ml



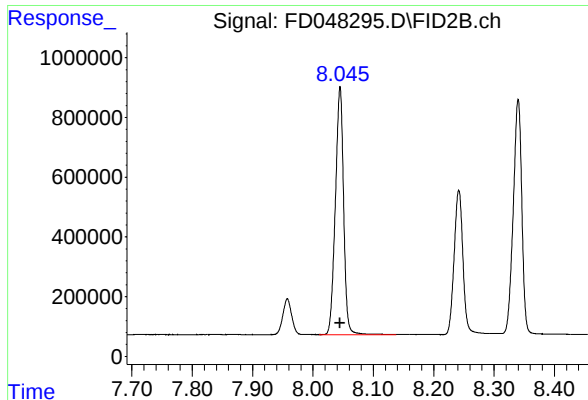
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.778 min
Delta R.T.: 0.000 min
Response: 7659277
Conc: 42.81 ug/ml



#4 2-Bromonaphthalene (SURR)

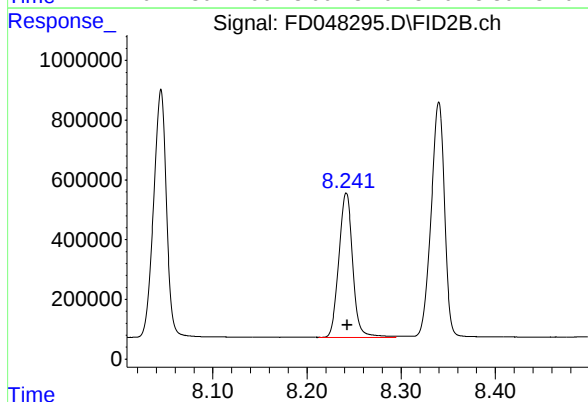
R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 7867238
Conc: 51.87 ug/ml



#5 Acenaphthylene (C15.06)

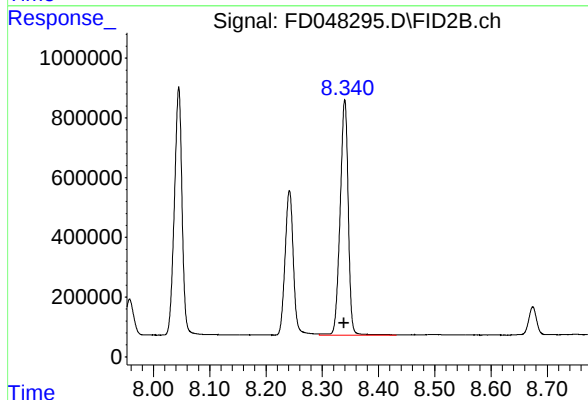
R.T.: 8.045 min
Delta R.T.: 0.000 min
Response: 7882736
Conc: 45.12 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163249BSD



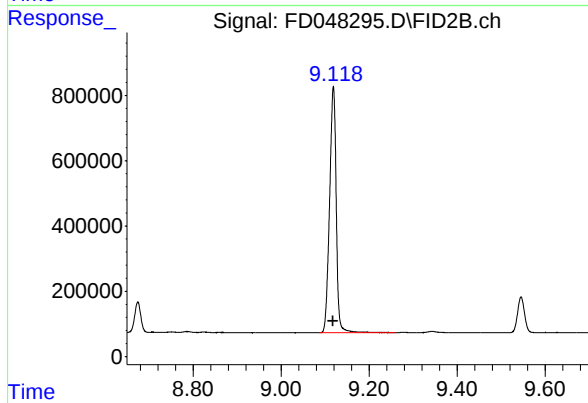
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.242 min
Delta R.T.: -0.001 min
Response: 4955387
Conc: 51.86 ug/ml



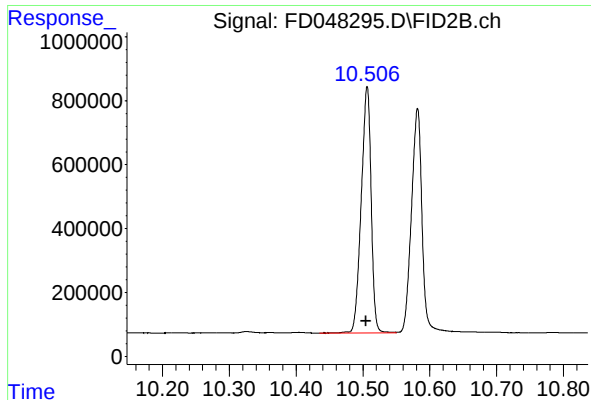
#7 Acenaphthene (C15.5)

R.T.: 8.340 min
Delta R.T.: 0.000 min
Response: 7903770
Conc: 44.44 ug/ml



#8 Flouorene (C16.55)

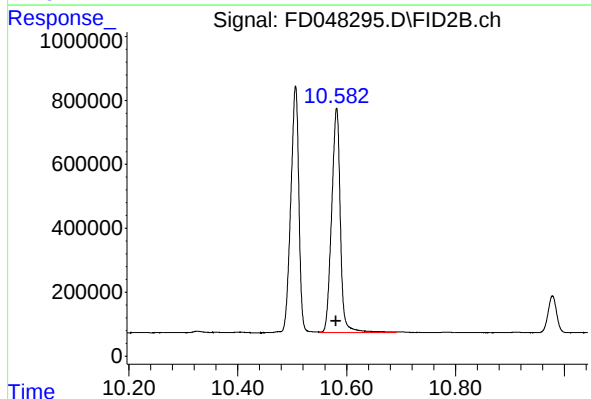
R.T.: 9.119 min
Delta R.T.: 0.000 min
Response: 7921799
Conc: 47.31 ug/ml



#9 Phenanthrene (C19.36)

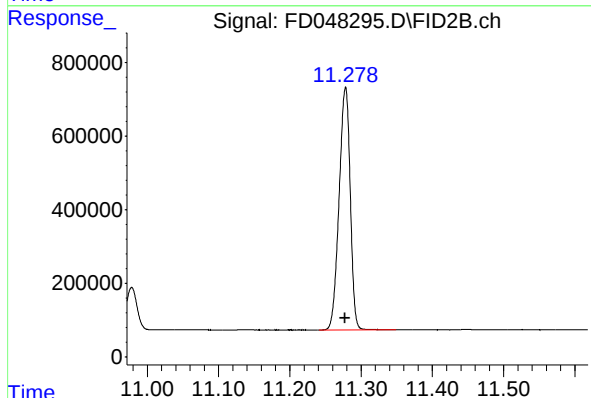
R.T.: 10.506 min
Delta R.T.: 0.001 min
Response: 7954507
Conc: 49.27 ug/ml

Instrument :
FID_D
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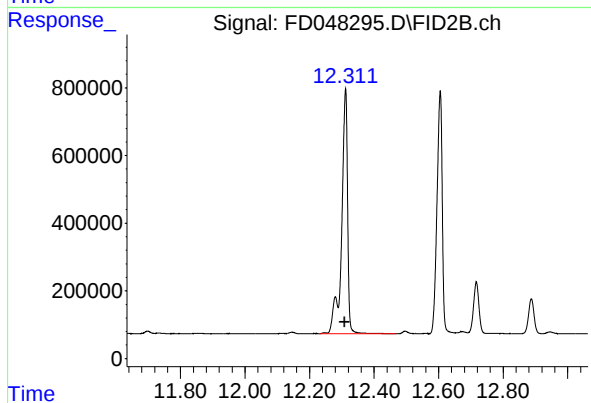
#10 Anthracene (C19.43)

R.T.: 10.581 min
Delta R.T.: 0.000 min
Response: 7839044
Conc: 49.26 ug/ml



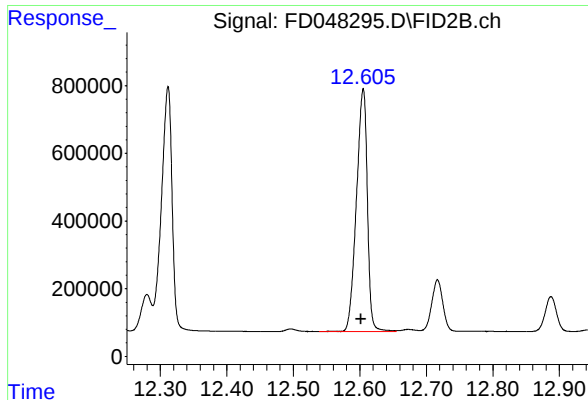
#11 ortho-Terphenyl (SURR)

R.T.: 11.278 min
Delta R.T.: 0.000 min
Response: 7156395
Conc: 41.71 ug/ml



#12 Fluoranthene (C21.85)

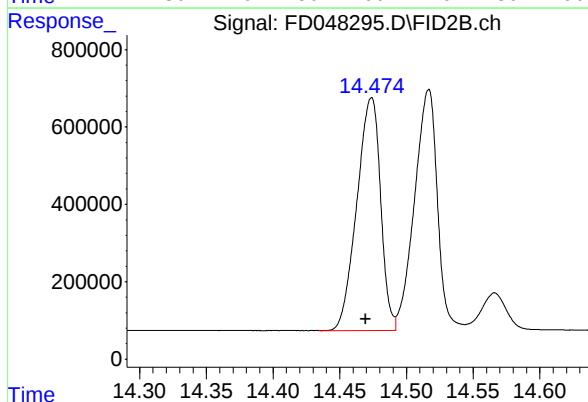
R.T.: 12.311 min
Delta R.T.: 0.002 min
Response: 9353438
Conc: 57.70 ug/ml



#13 Pyrene (C20.8)

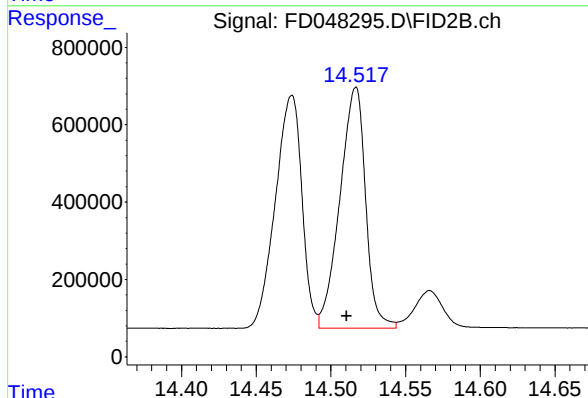
R.T.: 12.605 min
Delta R.T.: 0.003 min
Response: 8181399
Conc: 51.03 ug/ml

Instrument :
FID_D
ClientSampleId :
PB163249BSD



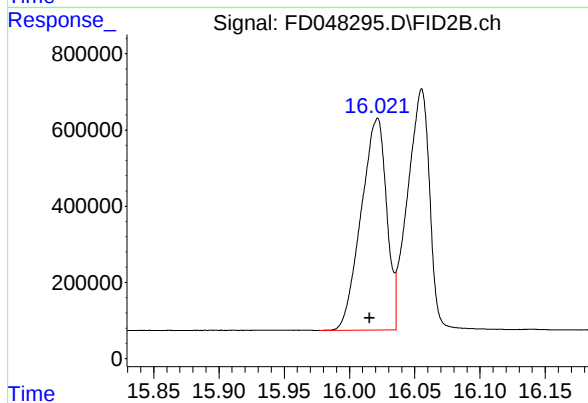
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.473 min
Delta R.T.: 0.004 min
Response: 7465167
Conc: 53.29 ug/ml



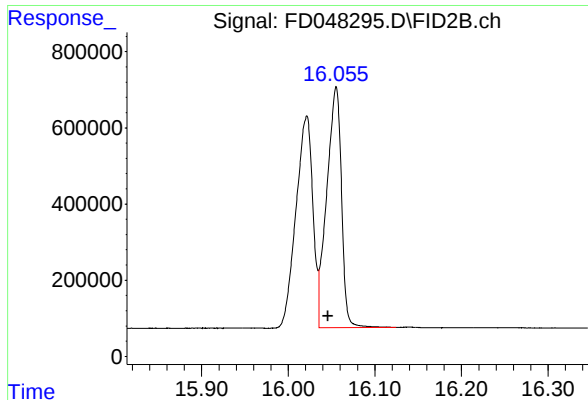
#15 Chrysene (C27.41)

R.T.: 14.516 min
Delta R.T.: 0.006 min
Response: 7465206
Conc: 45.32 ug/ml



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

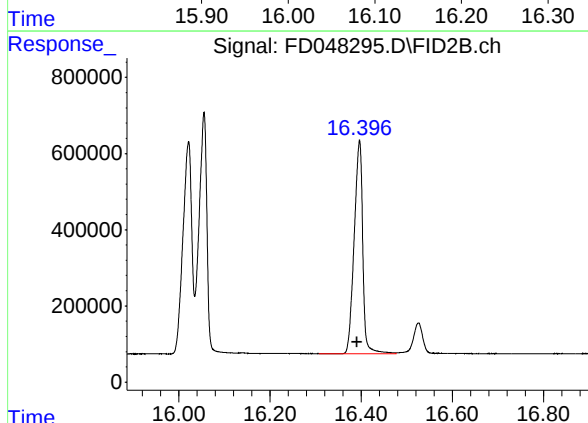
R.T.: 16.021 min
Delta R.T.: 0.005 min
Response: 7550620
Conc: 50.82 ug/ml



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

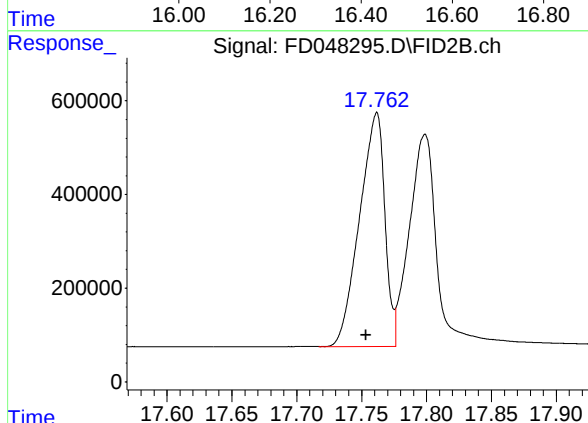
R.T.: 16.055 min
Delta R.T.: 0.008 min
Response: 7472594
Conc: 48.52 ug/ml

Instrument :
FID_D
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PB163249BSD



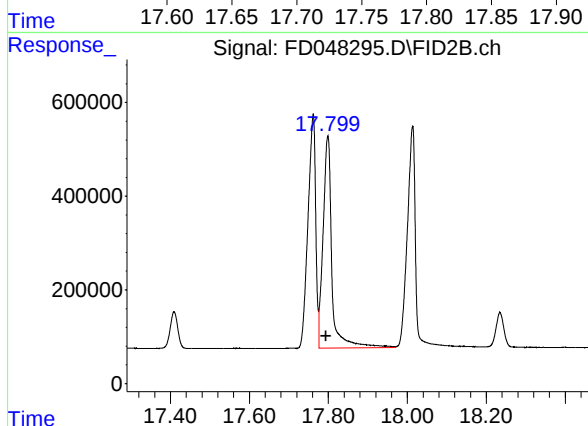
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.396 min
Delta R.T.: 0.005 min
Response: 7304098
Conc: 49.37 ug/ml



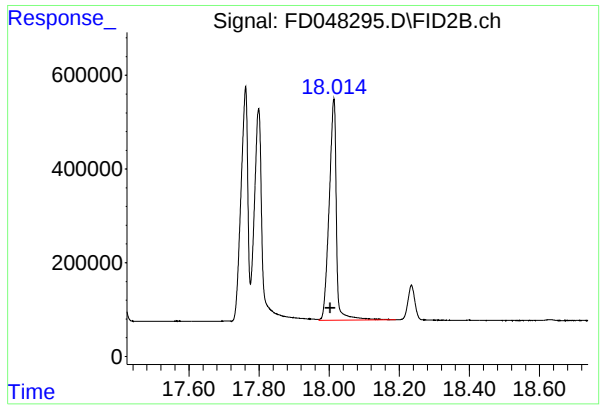
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.761 min
Delta R.T.: 0.007 min
Response: 6778103
Conc: 59.99 ug/ml



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

R.T.: 17.798 min
Delta R.T.: 0.004 min
Response: 7064346
Conc: 46.29 ug/ml



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

R.T.: 18.013 min

Delta R.T.: 0.010 min

Response: 6796545

Conc: 46.11 ug/ml

Instrument :

FID_D

ClientSampleId :

PB163249BSD