

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081324AR\
 Data File : FD048226.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2024 16:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD ICV
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 12 17:03:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:16:10 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...	7.396	2918494	19.553 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
6) S 2-Fluorobiphenyl (SURR)	8.247	1875460	19.594 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.19%
11) S ortho-Terphenyl (SURR)	11.284	3246783	19.275 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.217	3300835	19.364 ug/ml
2) T Naphthalene (C11.7)	5.737	3389758	19.453 ug/ml
3) T 2-Methylnaphthalene (...)	6.784	3380490	19.439 ug/ml
5) T Acenaphthylene (C15.06)	8.050	3321421	19.290 ug/ml
7) T Acenaphthene (C15.5)	8.344	3343518	19.310 ug/ml
8) T Fluorene (C16.55)	9.123	3230103	19.587 ug/ml
9) T Phenanthrene (C19.36)	10.510	3100771	19.374 ug/ml
10) T Anthracene (C19.43)	10.586	3004380	19.153 ug/ml
12) T Fluoranthene (C21.85)	12.315	3091560	19.418 ug/ml
13) T Pyrene (C20.8)	12.608	3061992	19.511 ug/ml
14) T Benzo[a]anthracene (C...	14.476	2762365	19.610 ug/ml
15) T Chrysene (C27.41)	14.517	3077548	19.307 ug/ml
16) T benzo[b]fluoranthene ...	16.022	2912334	19.616 ug/ml
17) T Bnezo[k]fluoranthene ...	16.054	2863609	19.303 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.398	2895305	19.660 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.761	2356529	19.278 ug/ml
20) T Dibenz[a,h]anthracene...	17.801	2938812	19.238 ug/ml
21) T Benzo[g,h,i]perylene ...	18.012	2881859	19.084 ug/ml

(f)=RT Delta > 1/2 Window

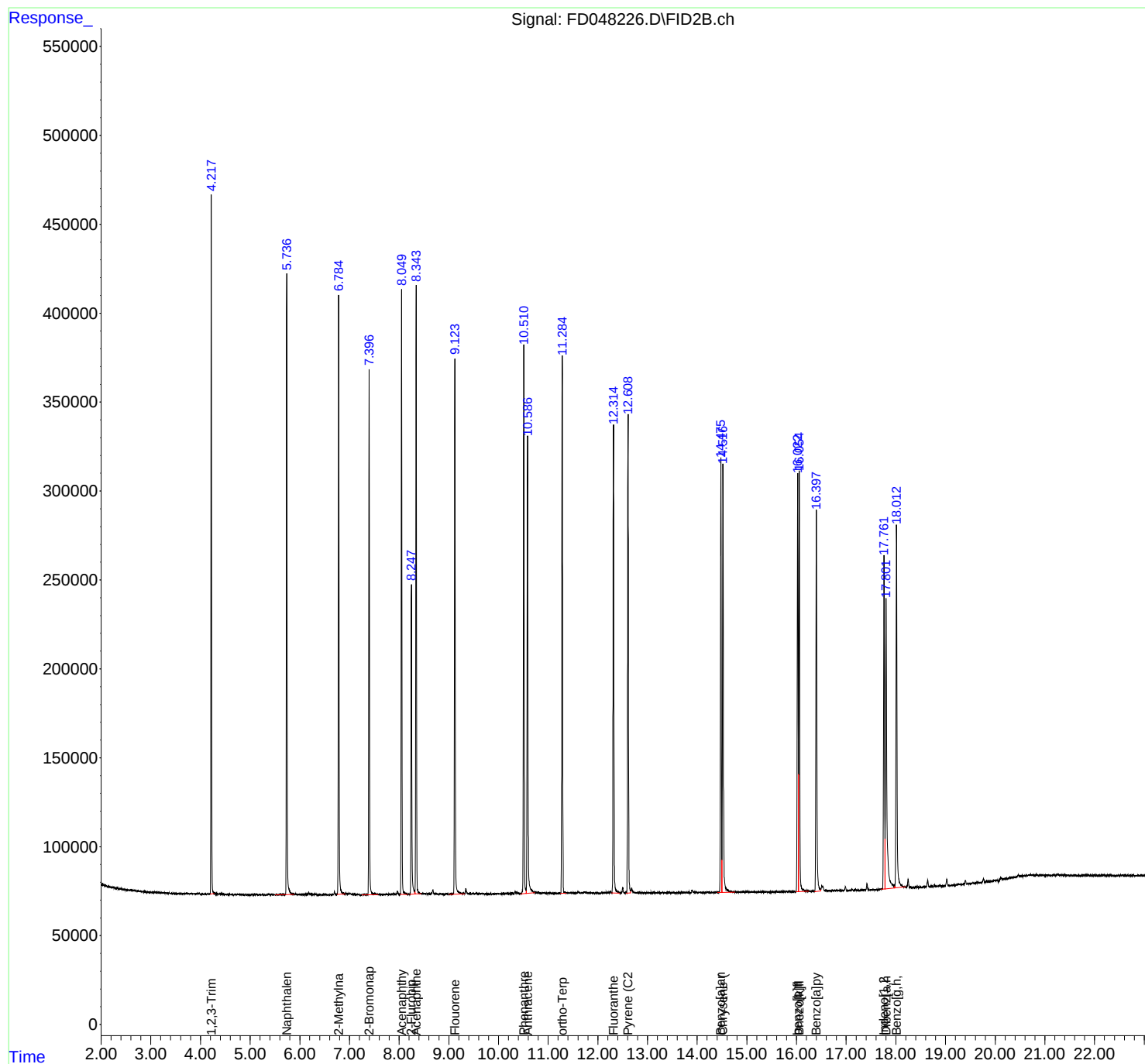
(m)=manual int.

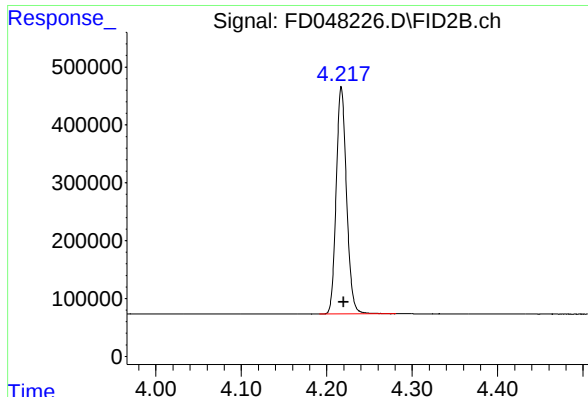
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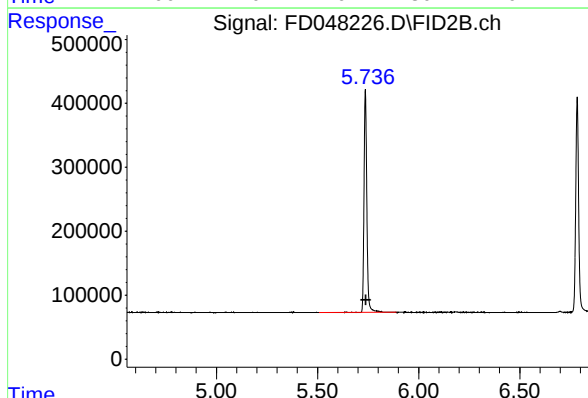




#1 1,2,3-Trimethylbenzene (C10.1)

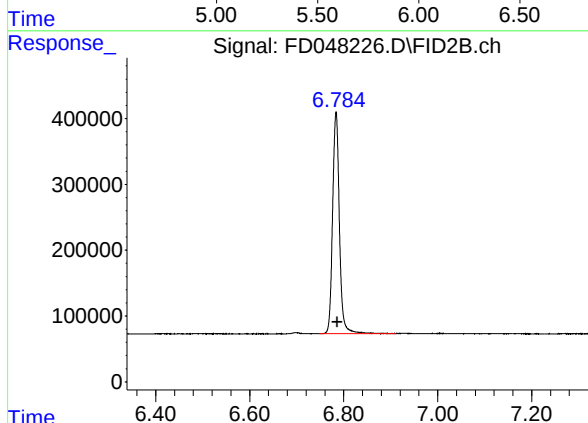
R.T.: 4.217 min
Delta R.T.: -0.003 min
Response: 3300835
Conc: 19.36 ug/ml

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20 PPM AROMATIC HC STD ICV



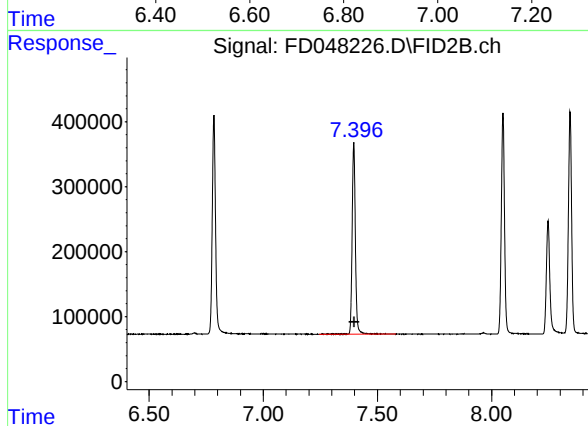
#2 Naphthalene (C11.7)

R.T.: 5.737 min
Delta R.T.: -0.004 min
Response: 3389758
Conc: 19.45 ug/ml



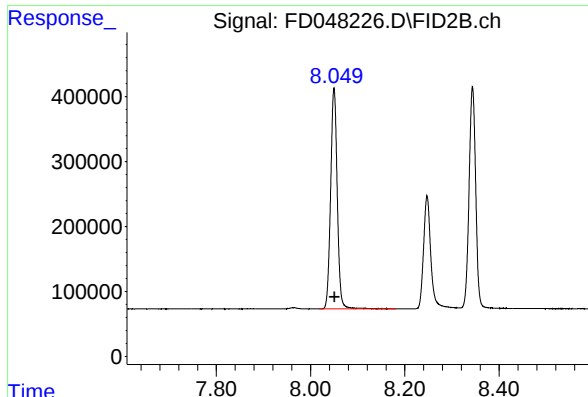
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.784 min
Delta R.T.: -0.003 min
Response: 3380490
Conc: 19.44 ug/ml



#4 2-Bromonaphthalene (SURR)

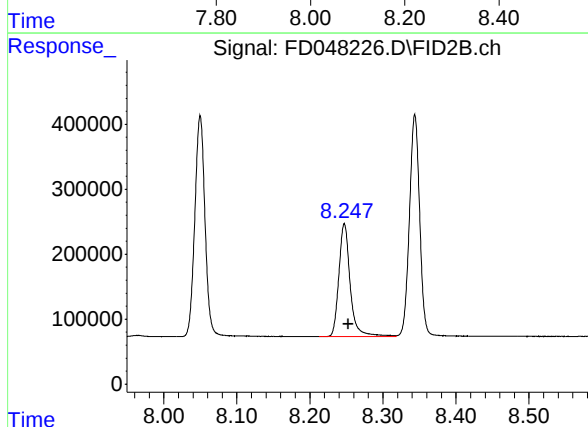
R.T.: 7.396 min
Delta R.T.: -0.002 min
Response: 2918494
Conc: 19.55 ug/ml



#5 Acenaphthylene (C15.06)

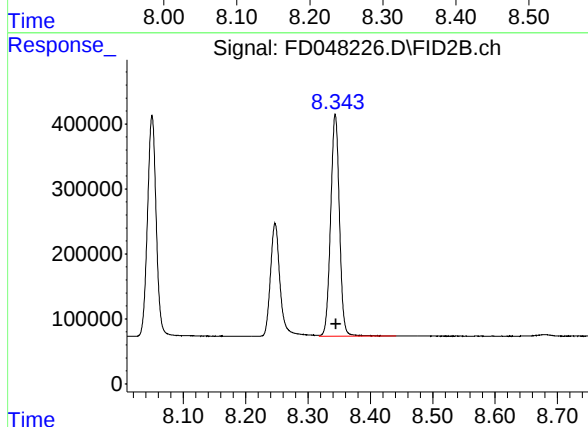
R.T.: 8.050 min
Delta R.T.: -0.001 min
Response: 3321421
Conc: 19.29 ug/ml

Instrument :
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20 PPM AROMATIC HC STD ICV



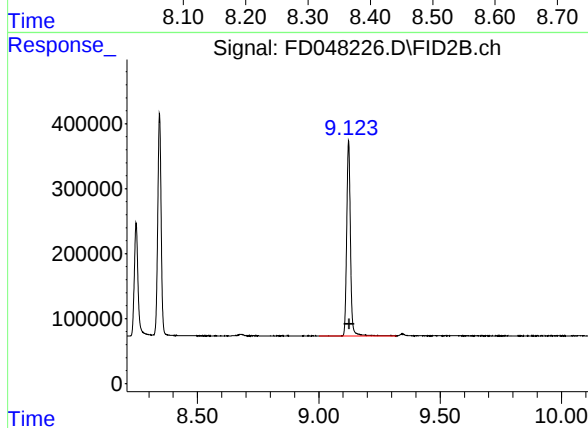
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.247 min
Delta R.T.: -0.005 min
Response: 1875460
Conc: 19.59 ug/ml



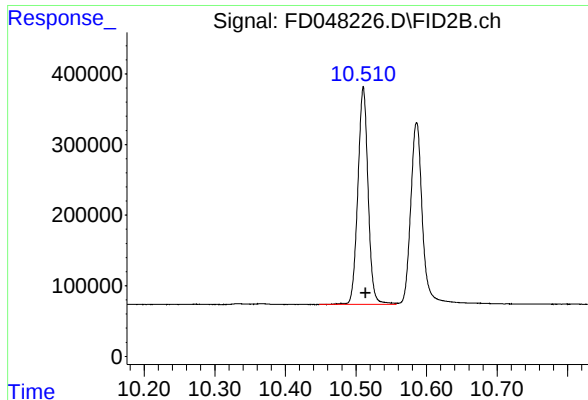
#7 Acenaphthene (C15.5)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 3343518
Conc: 19.31 ug/ml



#8 Fluorene (C16.55)

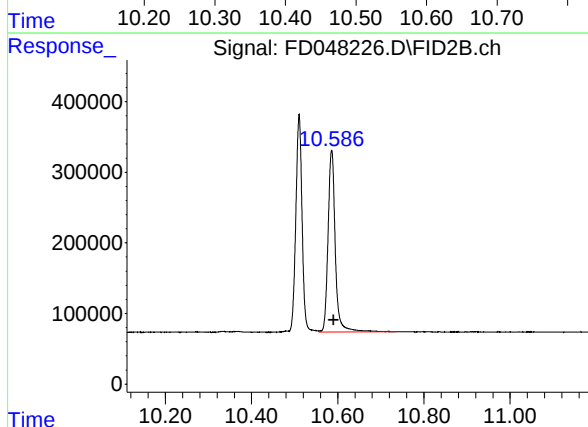
R.T.: 9.123 min
Delta R.T.: -0.003 min
Response: 3230103
Conc: 19.59 ug/ml



#9 Phenanthrene (C19.36)

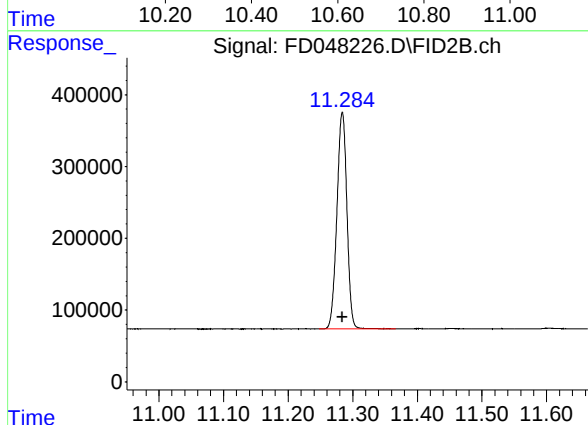
R.T.: 10.510 min
Delta R.T.: -0.003 min
Response: 3100771
Conc: 19.37 ug/ml

Instrument :
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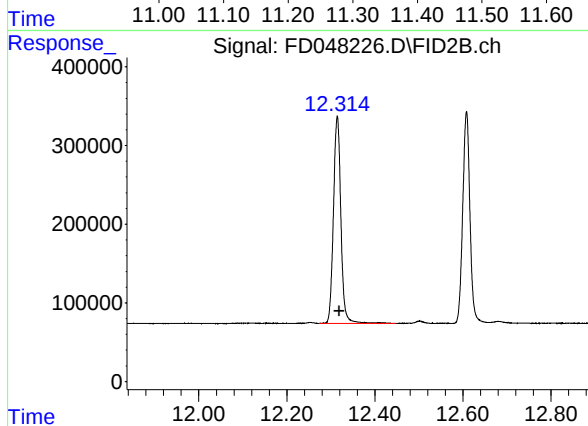
#10 Anthracene (C19.43)

R.T.: 10.586 min
Delta R.T.: -0.005 min
Response: 3004380
Conc: 19.15 ug/ml



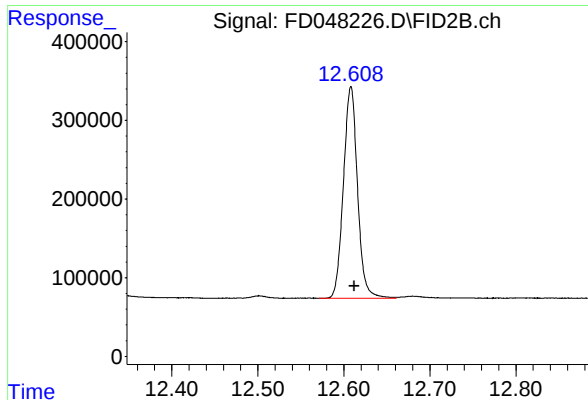
#11 ortho-Terphenyl (SURR)

R.T.: 11.284 min
Delta R.T.: 0.000 min
Response: 3246783
Conc: 19.27 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.315 min
Delta R.T.: -0.004 min
Response: 3091560
Conc: 19.42 ug/ml



#13 Pyrene (C20.8)

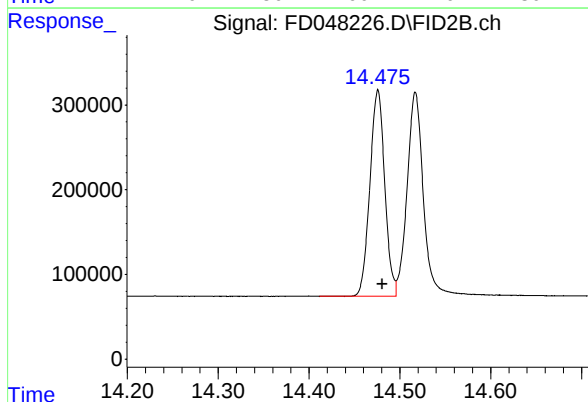
R.T.: 12.608 min
Delta R.T.: -0.004 min
Response: 3061992
Conc: 19.51 ug/ml

Instrument :

FID_D

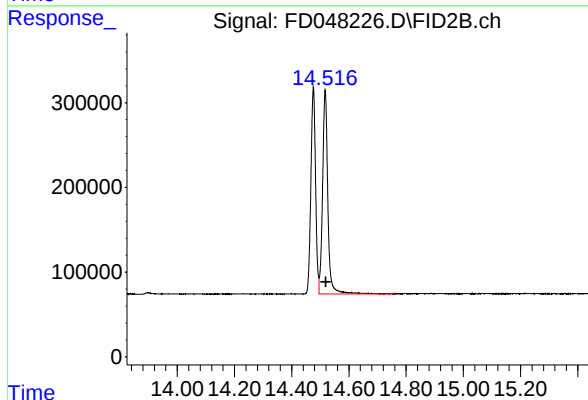
ClientSampleId :

20 PPM AROMATIC HC STD ICV



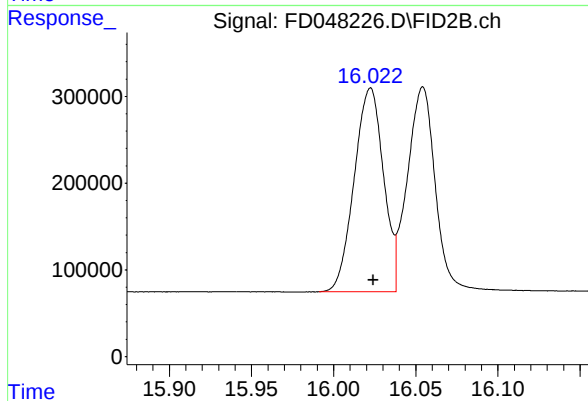
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.476 min
Delta R.T.: -0.005 min
Response: 2762365
Conc: 19.61 ug/ml



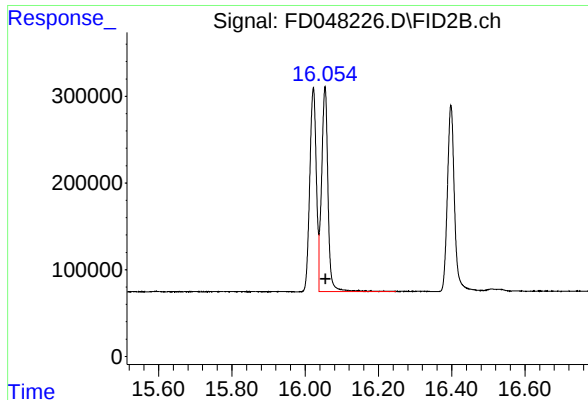
#15 Chrysene (C27.41)

R.T.: 14.517 min
Delta R.T.: -0.003 min
Response: 3077548
Conc: 19.31 ug/ml



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

R.T.: 16.022 min
Delta R.T.: -0.002 min
Response: 2912334
Conc: 19.62 ug/ml



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

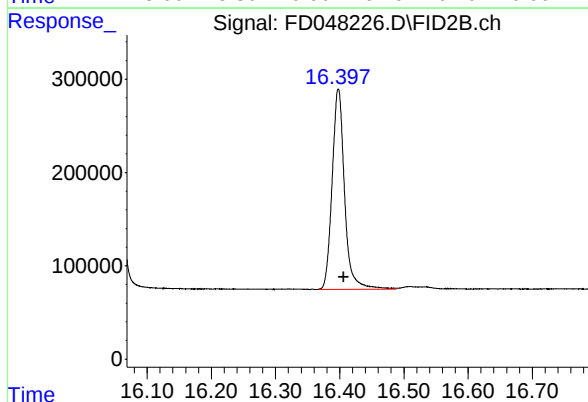
R.T.: 16.054 min
Delta R.T.: -0.002 min
Response: 2863609
Conc: 19.30 ug/ml

Instrument :

FID_D

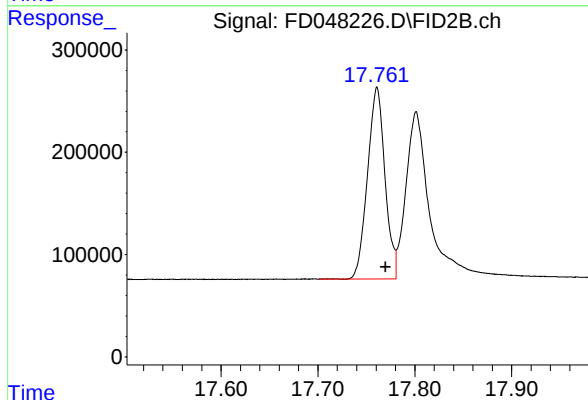
ClientSampleId :

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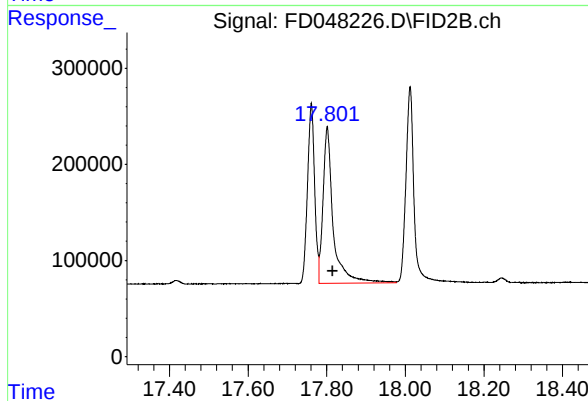
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.398 min
Delta R.T.: -0.008 min
Response: 2895305
Conc: 19.66 ug/ml



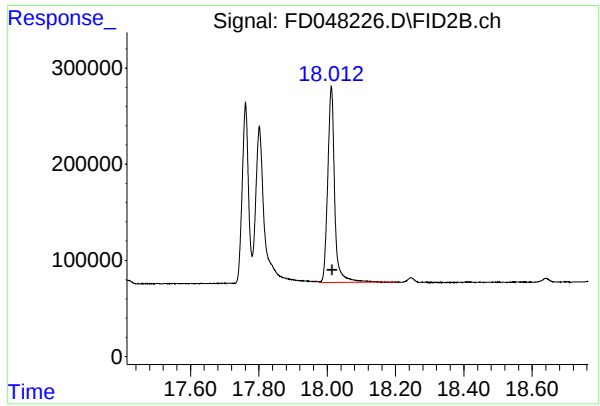
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.761 min
Delta R.T.: -0.009 min
Response: 2356529
Conc: 19.28 ug/ml



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

R.T.: 17.801 min
Delta R.T.: -0.013 min
Response: 2938812
Conc: 19.24 ug/ml



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

R.T.: 18.012 min
Delta R.T.: -0.003 min
Response: 2881859
Conc: 19.08 ug/ml

Instrument :

FID_D

ClientSampleId :

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