

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051724AR\
 Data File : FD047790.D
 Signal(s) : FID2B.ch
 Acq On : 17 May 2024 20:14
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 18 04:06:51 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.458	3316249	21.146 ug/ml
Spiked Amount 50.000		Recovery =	42.29%
6) S 2-Fluorobiphenyl (SURR)	8.311	2214850	21.174 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.35%
11) S ortho-Terphenyl (SURR)	11.352	3861175	20.589 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	3436042	21.252 ug/ml
2) T Naphthalene (C11.7)	5.795	3605333	21.307 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3659209	21.482 ug/ml
5) T Acenaphthylene (C15.06)	8.114	3359068	20.597 ug/ml
7) T Acenaphthene (C15.5)	8.409	3592675	21.373 ug/ml
8) T Flouorene (C16.55)	9.189	3479950	20.920 ug/ml
9) T Phenanthrene (C19.36)	10.579	3421069	20.896 ug/ml
10) T Anthracene (C19.43)	10.653	2931805	19.573 ug/ml
12) T Fluoranthene (C21.85)	12.385	3411270	20.558 ug/ml
13) T Pyrene (C20.8)	12.680	3304991	20.312 ug/ml
14) T Benzo[a]anthracene (C...	14.549	2981314	20.424 ug/ml
15) T Chrysene (C27.41)	14.591	3216739	20.413 ug/ml
16) T benzo[b]fluoranthene ...	16.097	3101981	20.769 ug/ml
17) T Bnezo[k]fluoranthene ...	16.129	3119741	20.722 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.473	3026048	20.972 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.837	2833481	20.878 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	3061913	21.386 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	3029604	22.066 ug/ml

(f)=RT Delta > 1/2 Window

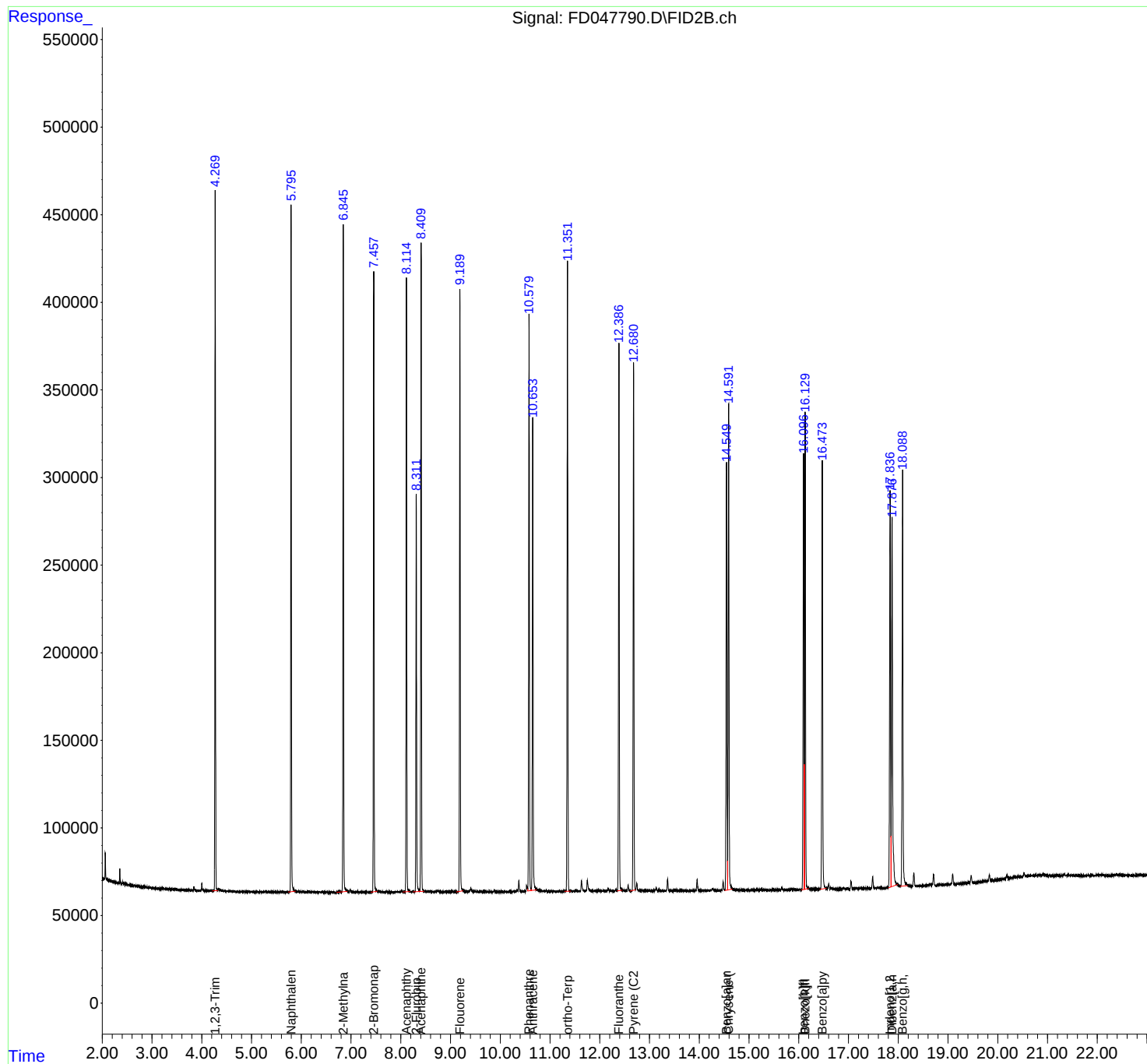
(m)=manual int.

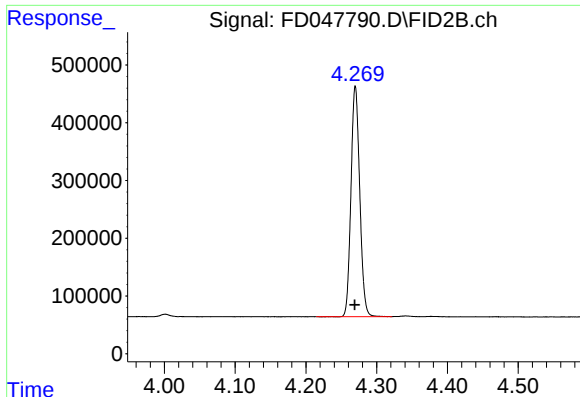
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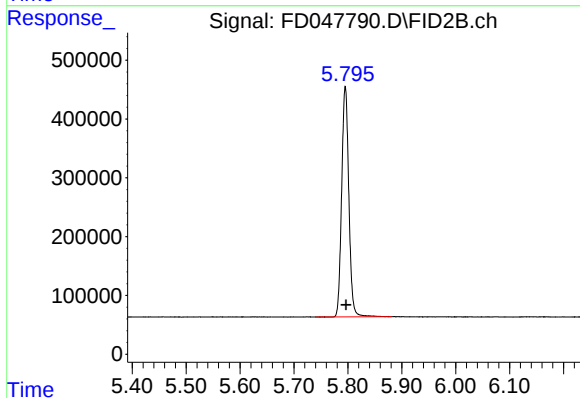




#1 1,2,3-Trimethylbenzene (C10.1)

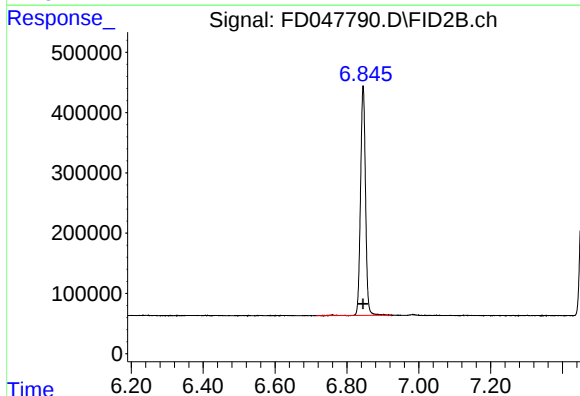
R.T.: 4.270 min
Delta R.T.: 0.001 min
Response: 3436042
Conc: 21.25 ug/ml

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20 PPM AROMATIC HC STD



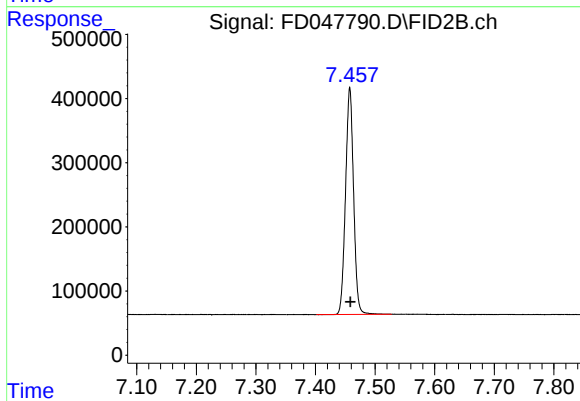
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 3605333
Conc: 21.31 ug/ml



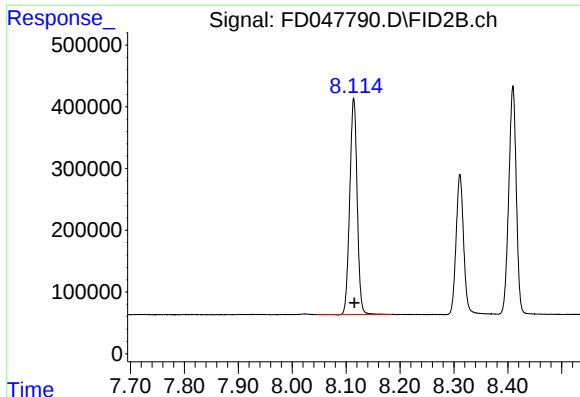
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 3659209
Conc: 21.48 ug/ml



#4 2-Bromonaphthalene (SURR)

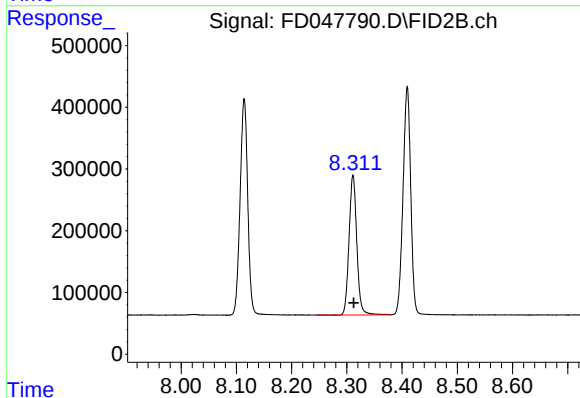
R.T.: 7.458 min
Delta R.T.: 0.000 min
Response: 3316249
Conc: 21.15 ug/ml



#5 Acenaphthylene (C15.06)

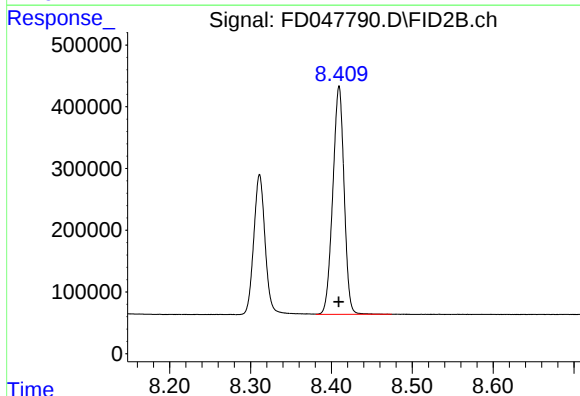
R.T.: 8.114 min
Delta R.T.: -0.001 min
Response: 3359068
Conc: 20.60 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



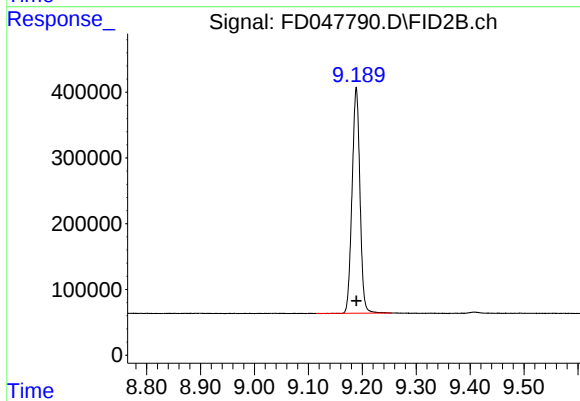
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.311 min
Delta R.T.: -0.001 min
Response: 2214850
Conc: 21.17 ug/ml



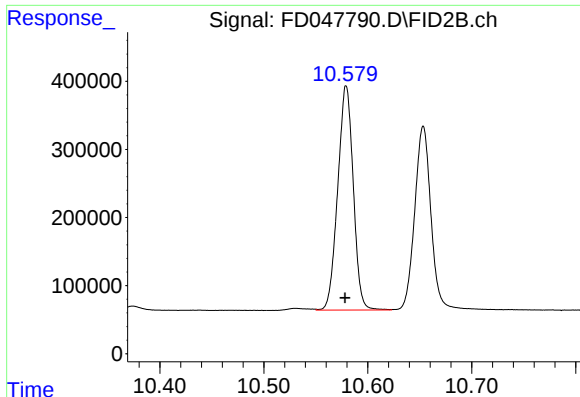
#7 Acenaphthene (C15.5)

R.T.: 8.409 min
Delta R.T.: 0.000 min
Response: 3592675
Conc: 21.37 ug/ml



#8 Flouorene (C16.55)

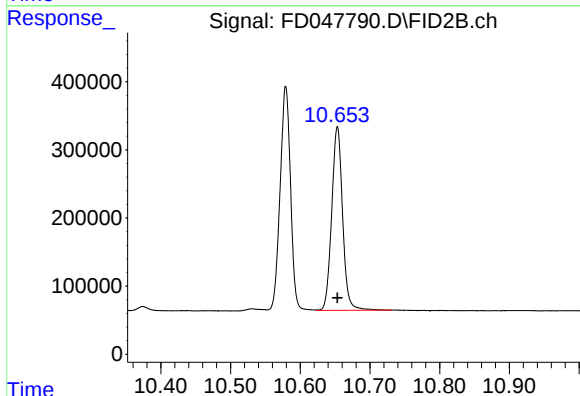
R.T.: 9.189 min
Delta R.T.: 0.000 min
Response: 3479950
Conc: 20.92 ug/ml



#9 Phenanthrene (C19.36)

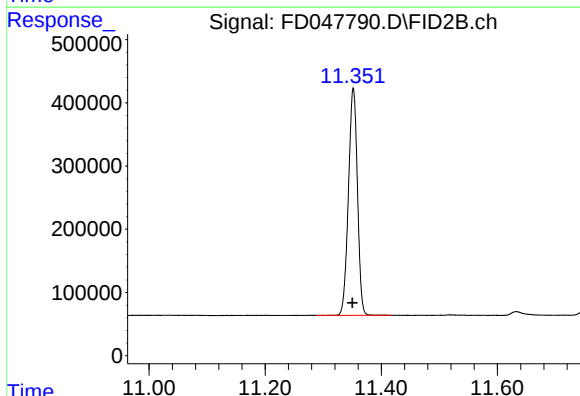
R.T.: 10.579 min
Delta R.T.: 0.000 min
Response: 3421069
Conc: 20.90 ug/ml

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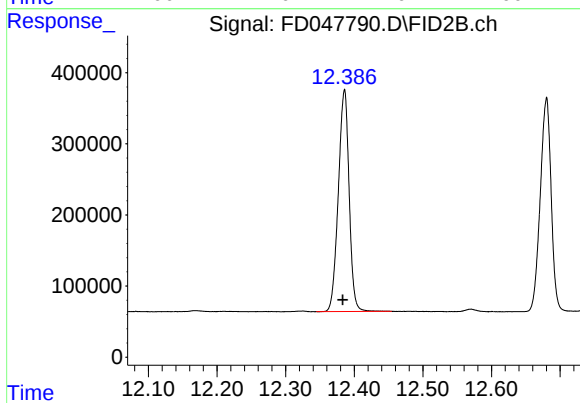
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.000 min
Response: 2931805
Conc: 19.57 ug/ml



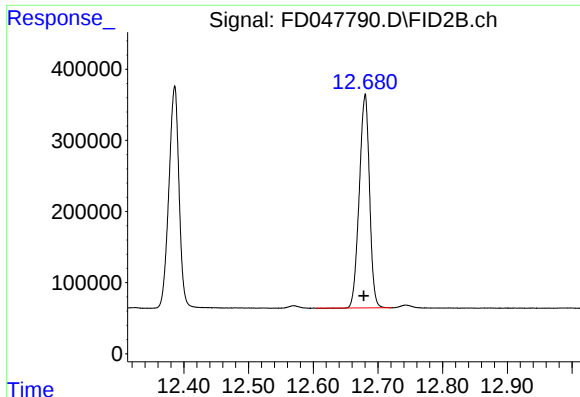
#11 ortho-Terphenyl (SURR)

R.T.: 11.352 min
Delta R.T.: 0.001 min
Response: 3861175
Conc: 20.59 ug/ml



#12 Fluoranthene (C21.85)

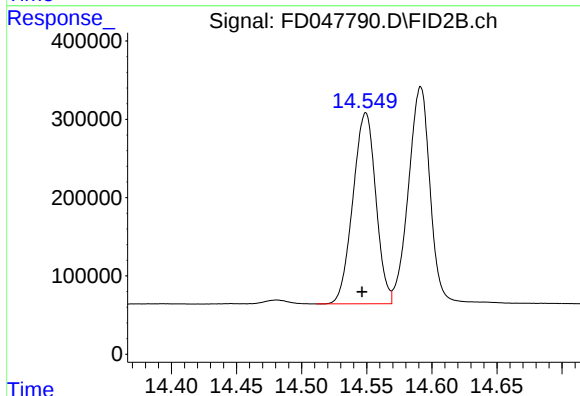
R.T.: 12.385 min
Delta R.T.: 0.002 min
Response: 3411270
Conc: 20.56 ug/ml



#13 Pyrene (C20.8)

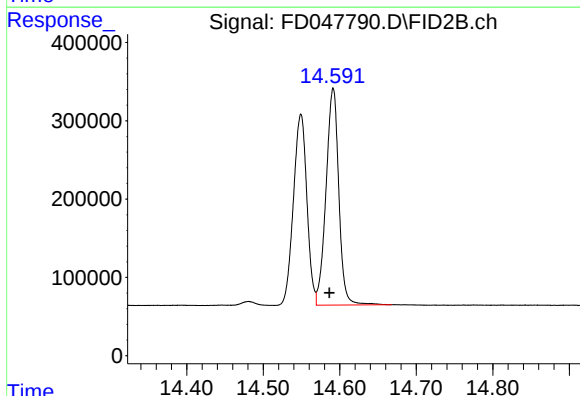
R.T.: 12.680 min
Delta R.T.: 0.002 min
Response: 3304991
Conc: 20.31 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



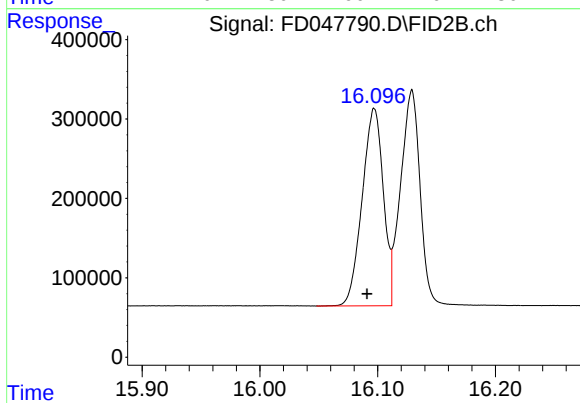
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: 0.003 min
Response: 2981314
Conc: 20.42 ug/ml



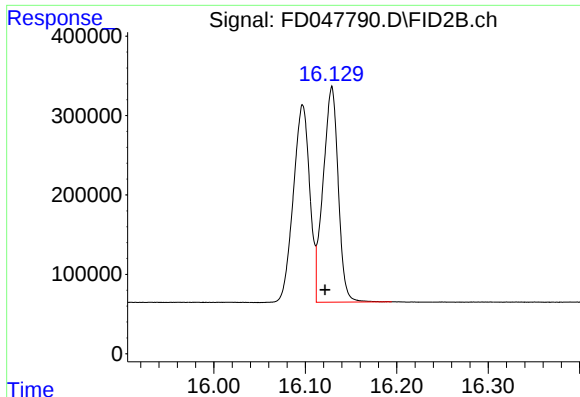
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.004 min
Response: 3216739
Conc: 20.41 ug/ml



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

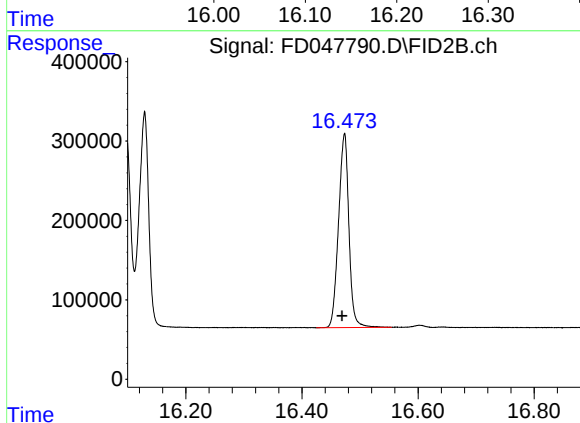
R.T.: 16.097 min
Delta R.T.: 0.006 min
Response: 3101981
Conc: 20.77 ug/ml



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

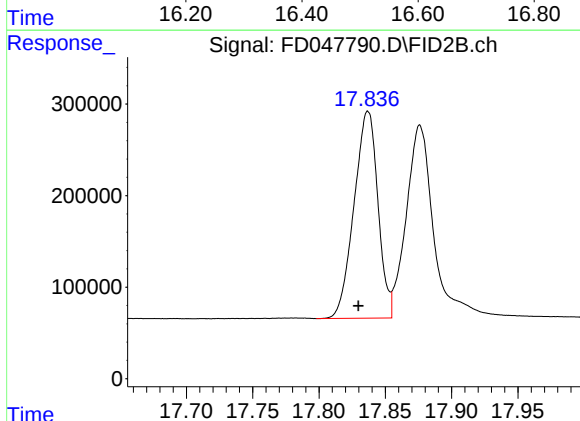
R.T.: 16.129 min
Delta R.T.: 0.007 min
Response: 3119741
Conc: 20.72 ug/ml

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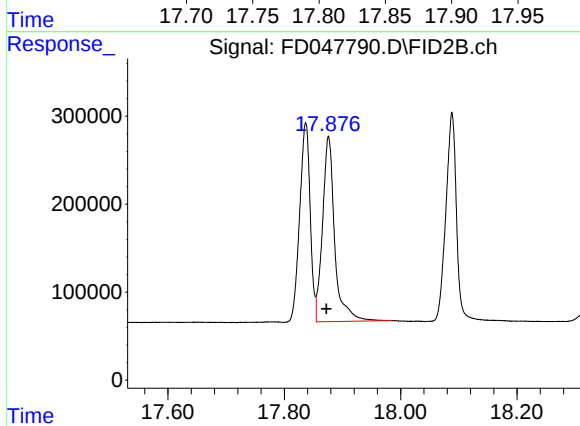
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.473 min
Delta R.T.: 0.004 min
Response: 3026048
Conc: 20.97 ug/ml



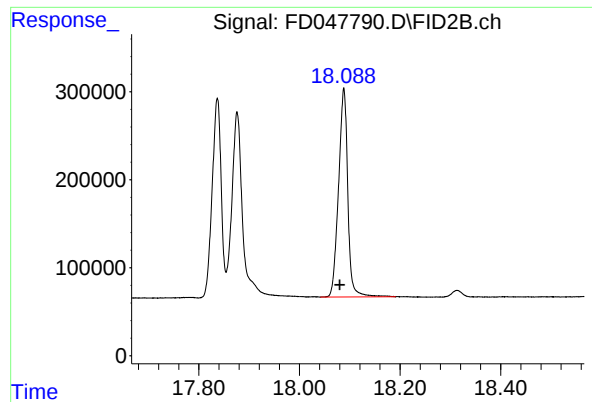
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.837 min
Delta R.T.: 0.007 min
Response: 2833481
Conc: 20.88 ug/ml



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

R.T.: 17.876 min
Delta R.T.: 0.004 min
Response: 3061913
Conc: 21.39 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.008 min
Response: 3029604
Conc: 22.07 ug/ml

Instrument :

FID_D

ClientSampleId :

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