

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052224AR\
 Data File : FD047817.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2024 13:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 23 04:27:09 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.457	2955948	21.055 ug/ml
Spiked Amount 50.000		Recovery =	42.11%
6) S 2-Fluorobiphenyl (SURR)	8.310	1960995	21.174 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.35%
11) S ortho-Terphenyl (SURR)	11.351	3358077	21.003 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.271	3339597	21.145 ug/ml
2) T Naphthalene (C11.7)	5.795	3443661	21.097 ug/ml
3) T 2-Methylnaphthalene (...)	6.845	3488639	21.171 ug/ml
5) T Acenaphthylene (C15.06)	8.114	3426569	20.965 ug/ml
7) T Acenaphthene (C15.5)	8.408	3435544	21.041 ug/ml
8) T Flouorene (C16.55)	9.187	3303485	20.999 ug/ml
9) T Phenanthrene (C19.36)	10.578	3247044	21.056 ug/ml
10) T Anthracene (C19.43)	10.653	3130266	20.822 ug/ml
12) T Fluoranthene (C21.85)	12.385	3188497	21.011 ug/ml
13) T Pyrene (C20.8)	12.679	3163387	20.984 ug/ml
14) T Benzo[a]anthracene (C...	14.549	2886172	21.054 ug/ml
15) T Chrysene (C27.41)	14.591	3047596	20.687 ug/ml
16) T benzo[b]fluoranthene ...	16.097	2962627	21.050 ug/ml
17) T Bnezo[k]fluoranthene ...	16.128	2835518	20.822 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	2891744	20.892 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.836	2354282	20.422 ug/ml
20) T Dibenz[a,h]anthracene...	17.876	2698987	20.241 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	2787334	20.959 ug/ml

(f)=RT Delta > 1/2 Window

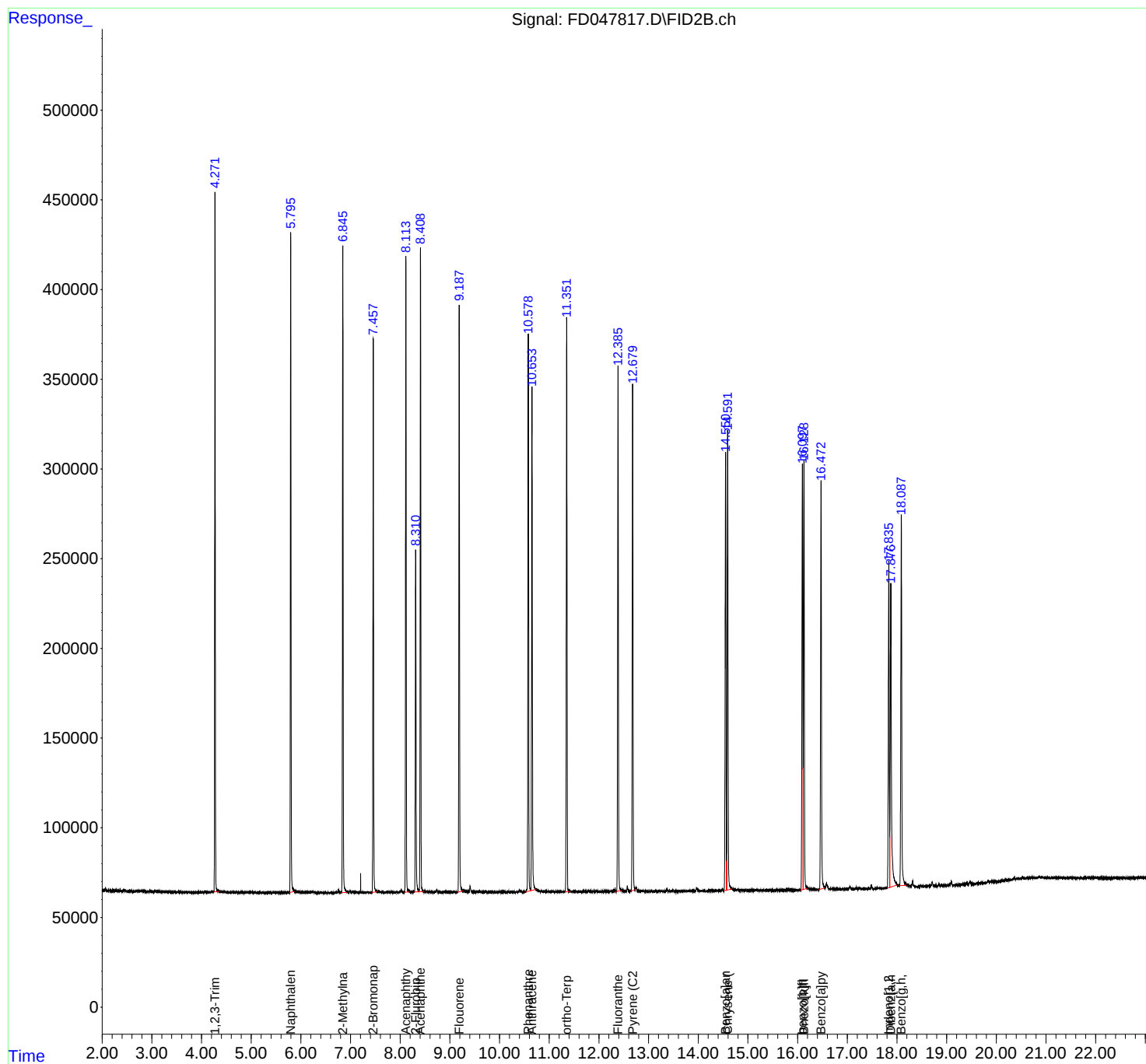
(m)=manual int.

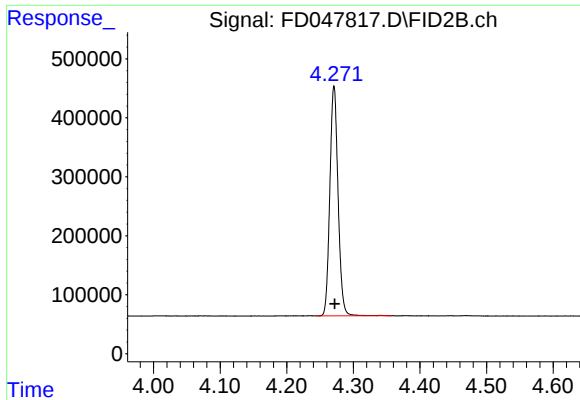
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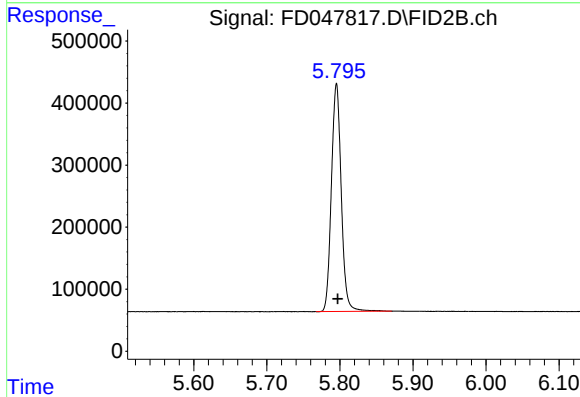




#1 1,2,3-Trimethylbenzene (C10.1)

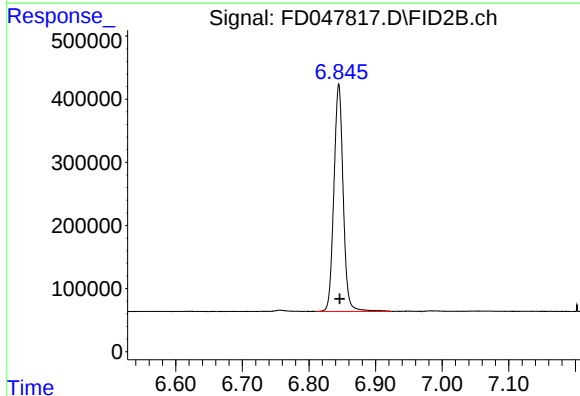
R.T.: 4.271 min
Delta R.T.: 0.000 min
Response: 3339597
Conc: 21.14 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



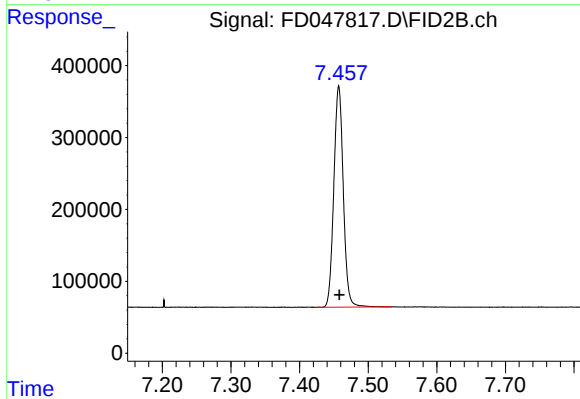
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.002 min
Response: 3443661
Conc: 21.10 ug/ml



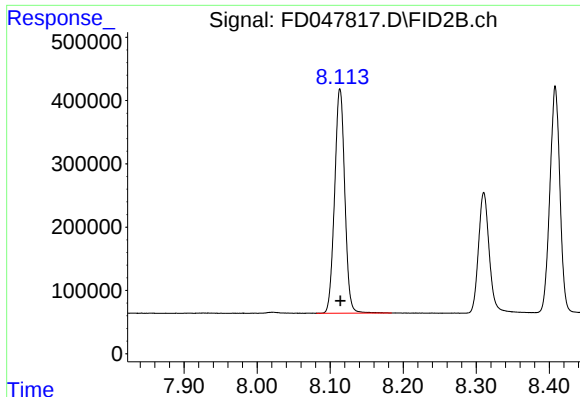
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.845 min
Delta R.T.: -0.001 min
Response: 3488639
Conc: 21.17 ug/ml



#4 2-Bromonaphthalene (SURR)

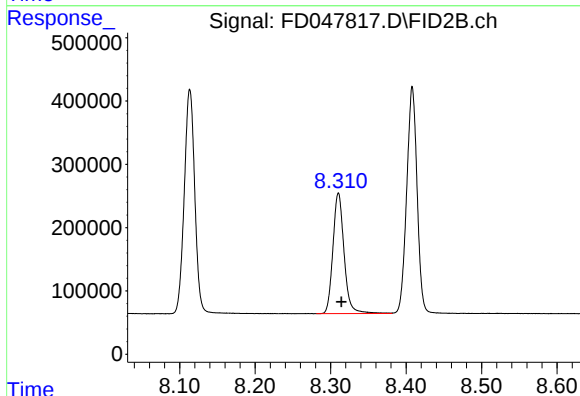
R.T.: 7.457 min
Delta R.T.: -0.001 min
Response: 2955948
Conc: 21.06 ug/ml



#5 Acenaphthylene (C15.06)

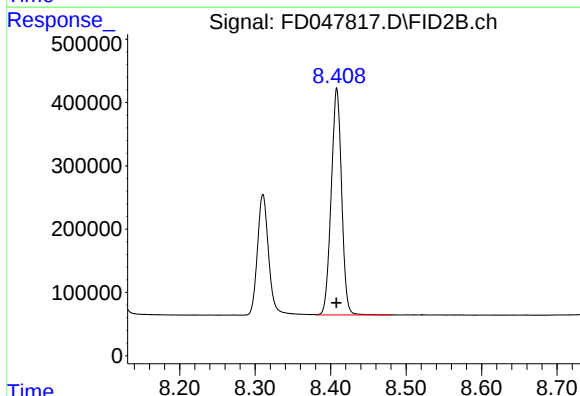
R.T.: 8.114 min
Delta R.T.: 0.000 min
Response: 3426569
Conc: 20.96 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



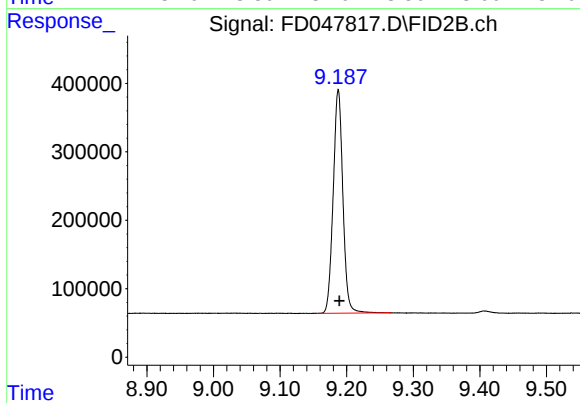
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.310 min
Delta R.T.: -0.004 min
Response: 1960995
Conc: 21.17 ug/ml



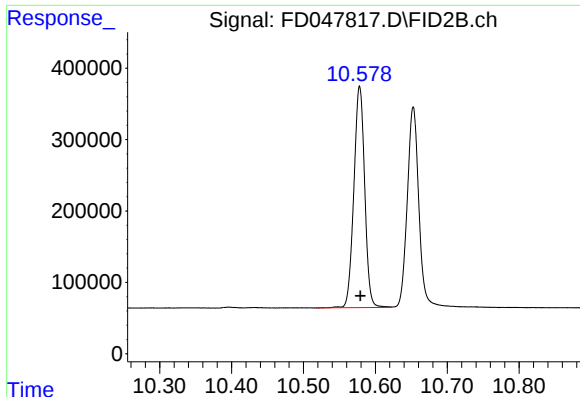
#7 Acenaphthene (C15.5)

R.T.: 8.408 min
Delta R.T.: 0.000 min
Response: 3435544
Conc: 21.04 ug/ml



#8 Flouorene (C16.55)

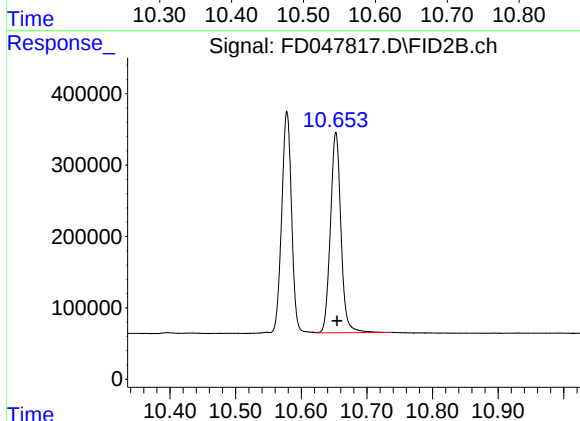
R.T.: 9.187 min
Delta R.T.: -0.002 min
Response: 3303485
Conc: 21.00 ug/ml



#9 Phenanthrene (C19.36)

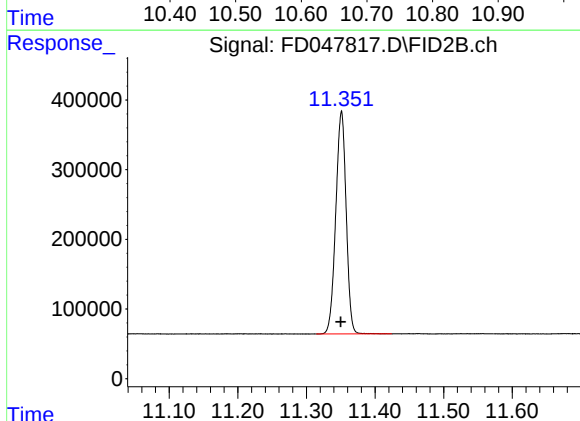
R.T.: 10.578 min
Delta R.T.: 0.000 min
Response: 3247044
Conc: 21.06 ug/ml

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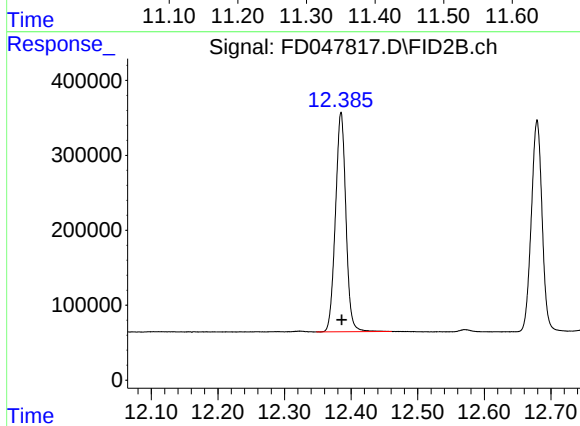
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: -0.002 min
Response: 3130266
Conc: 20.82 ug/ml



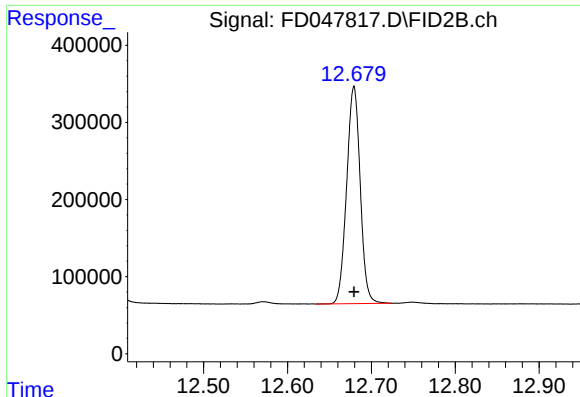
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.001 min
Response: 3358077
Conc: 21.00 ug/ml



#12 Fluoranthene (C21.85)

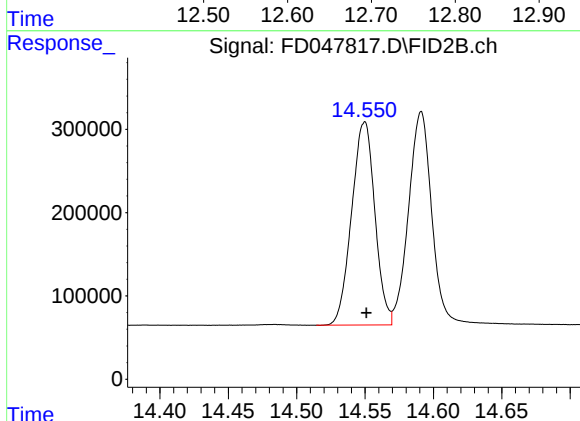
R.T.: 12.385 min
Delta R.T.: -0.001 min
Response: 3188497
Conc: 21.01 ug/ml



#13 Pyrene (C20.8)

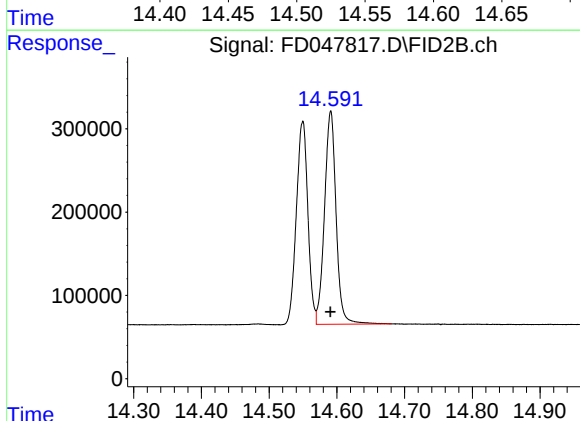
R.T.: 12.679 min
Delta R.T.: 0.000 min
Response: 3163387
Conc: 20.98 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



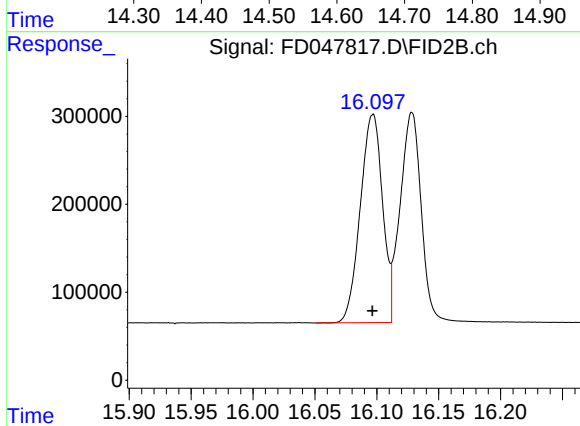
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.549 min
Delta R.T.: -0.001 min
Response: 2886172
Conc: 21.05 ug/ml



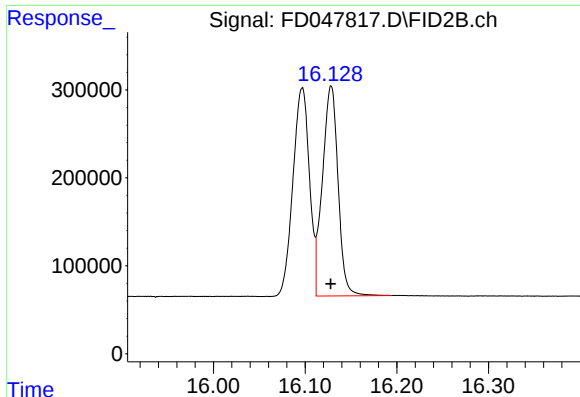
#15 Chrysene (C27.41)

R.T.: 14.591 min
Delta R.T.: 0.000 min
Response: 3047596
Conc: 20.69 ug/ml



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

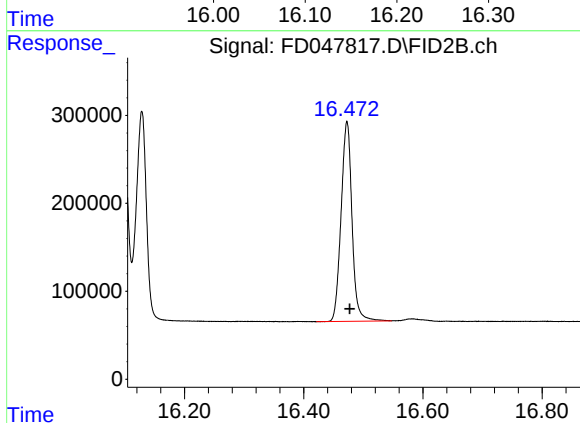
R.T.: 16.097 min
Delta R.T.: 0.000 min
Response: 2962627
Conc: 21.05 ug/ml



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

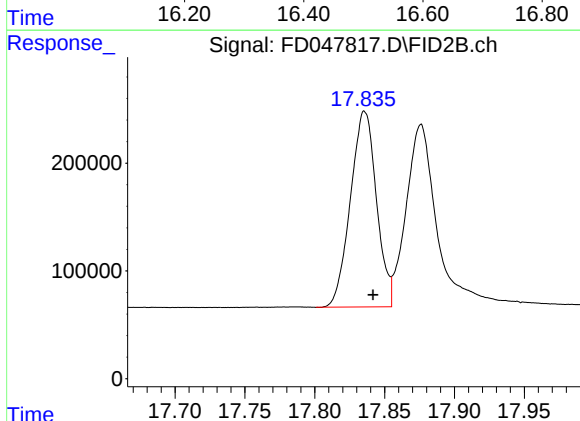
R.T.: 16.128 min
Delta R.T.: 0.000 min
Response: 2835518
Conc: 20.82 ug/ml

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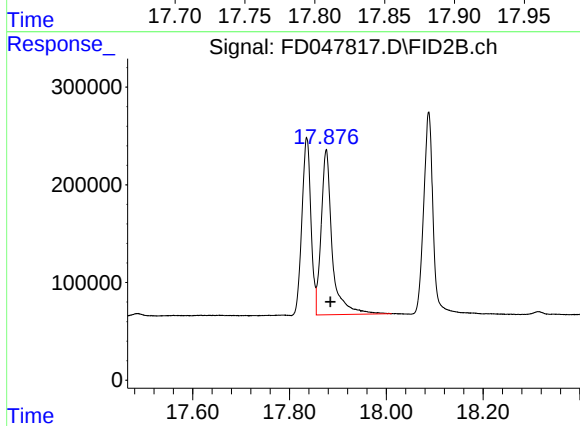
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: -0.005 min
Response: 2891744
Conc: 20.89 ug/ml



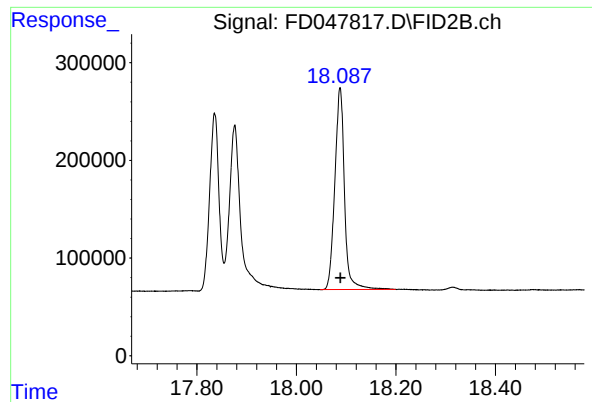
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.836 min
Delta R.T.: -0.006 min
Response: 2354282
Conc: 20.42 ug/ml



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

R.T.: 17.876 min
Delta R.T.: -0.009 min
Response: 2698987
Conc: 20.24 ug/ml



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

R.T.: 18.088 min
Delta R.T.: 0.000 min
Response: 2787334
Conc: 20.96 ug/ml

Instrument :

FID_D

ClientSampleId :

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