

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072823AR\
 Data File : FD046231.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jul 2023 15:29
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 29 02:53:14 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 2023
 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...	7.502	3231754	21.620 ug/ml
Spiked Amount 50.000		Recovery =	43.24%
6) S 2-Fluorobiphenyl (SURR)	8.357	2047895	21.876 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.75%
11) S ortho-Terphenyl (SURR)	11.395	3888645	22.267 ug/ml
Spiked Amount 50.000		Recovery =	44.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.314	3873869	21.262 ug/ml
2) T Naphthalene (C11.7)	5.842	3880050	21.483 ug/ml
3) T 2-Methylnaphthalene (...)	6.891	3793069	21.551 ug/ml
5) T Acenaphthylene (C15.06)	8.161	3290723	21.568 ug/ml
7) T Acenaphthene (C15.5)	8.456	3546955	21.752 ug/ml
8) T Flouorene (C16.55)	9.235	3351265	22.025 ug/ml
9) T Phenanthrene (C19.36)	10.624	3217442	22.344 ug/ml
10) T Anthracene (C19.43)	10.698	2673357	20.428 ug/ml
12) T Fluoranthene (C21.85)	12.427	3150261	22.545 ug/ml
13) T Pyrene (C20.8)	12.722	3087494	22.277 ug/ml
14) T Benzo[a]anthracene (C...	14.586	2912112	22.186 ug/ml
15) T Chrysene (C27.41)	14.628	3107150	22.036 ug/ml
16) T benzo[b]fluoranthene ...	16.129	3093358	22.618 ug/ml
17) T Bnezo[k]fluoranthene ...	16.160	3022675	22.052 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.504	2930453	22.509 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	2683552	22.312 ug/ml
20) T Dibenz[a,h]anthracene...	17.902	2755322	21.544 ug/ml
21) T Benzo[g,h,i]perylene ...	18.113	2828659	22.296 ug/ml

(f)=RT Delta > 1/2 Window

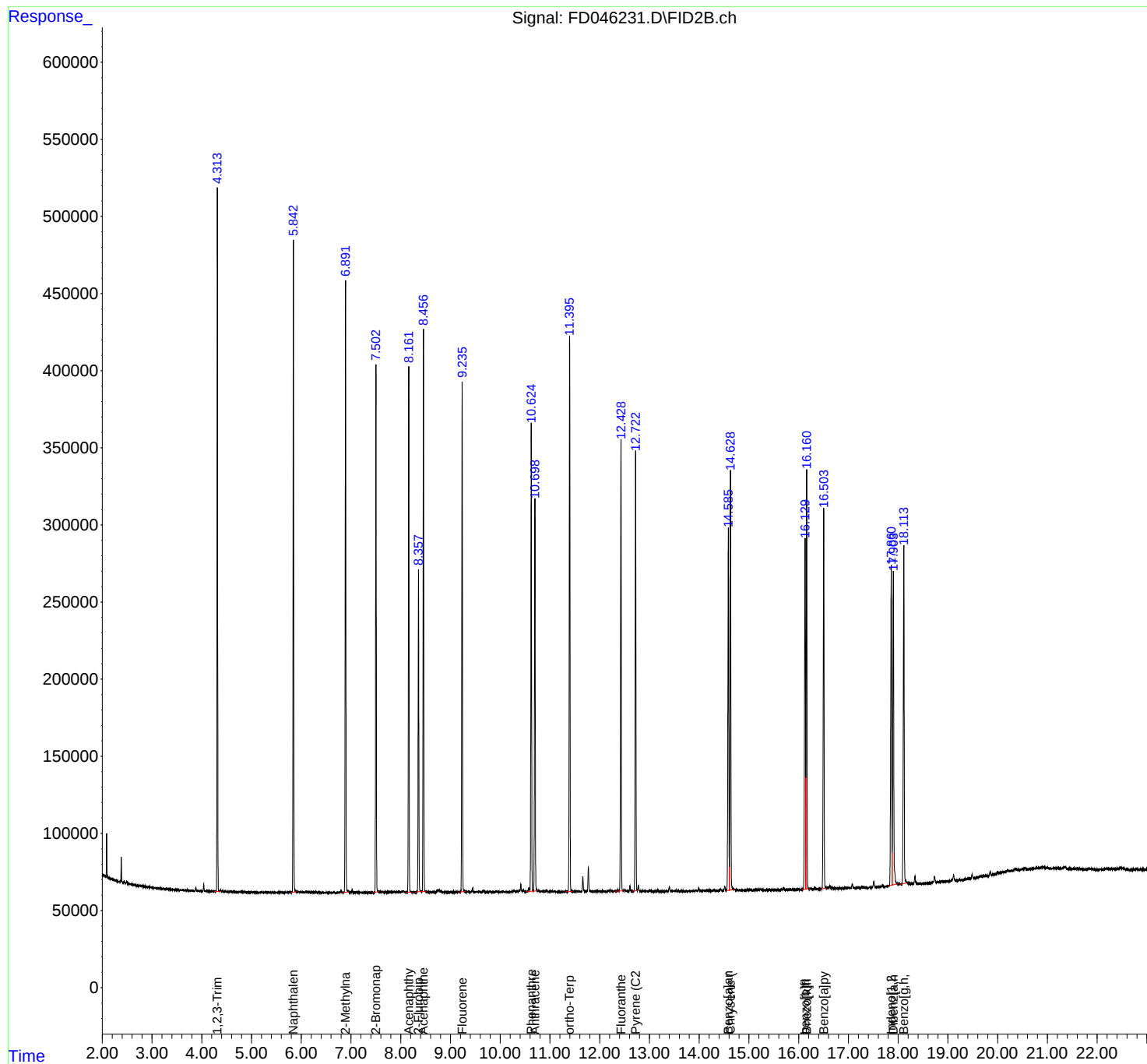
(m)=manual int.

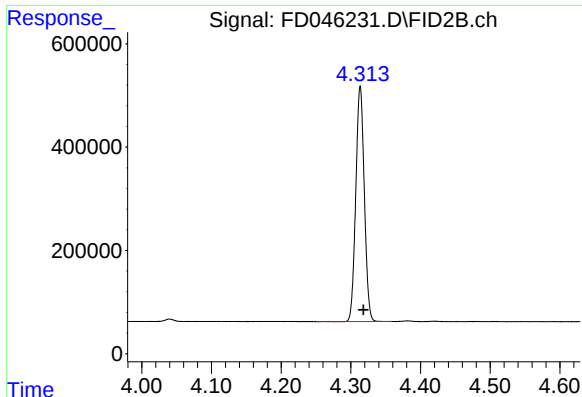
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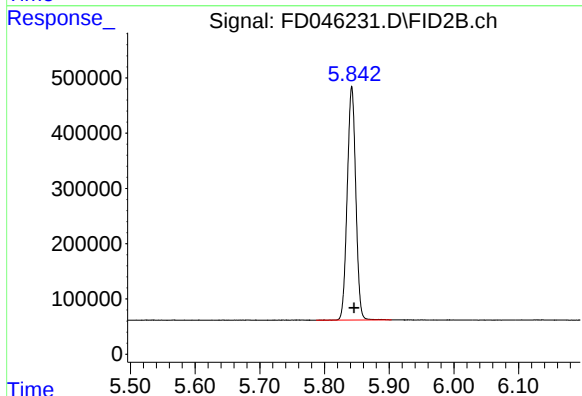




#1 1,2,3-Trimethylbenzene (C10.1)

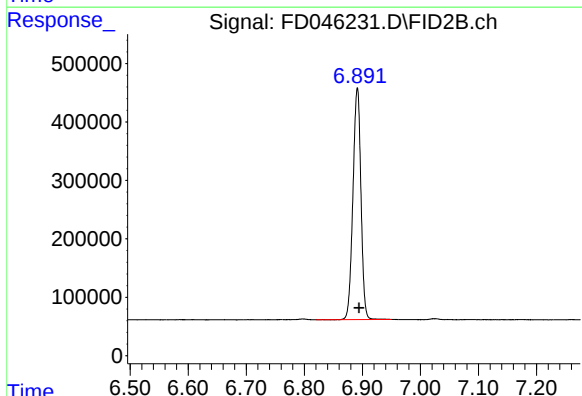
R.T.: 4.314 min
Delta R.T.: -0.004 min
Response: 3873869
Conc: 21.26 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



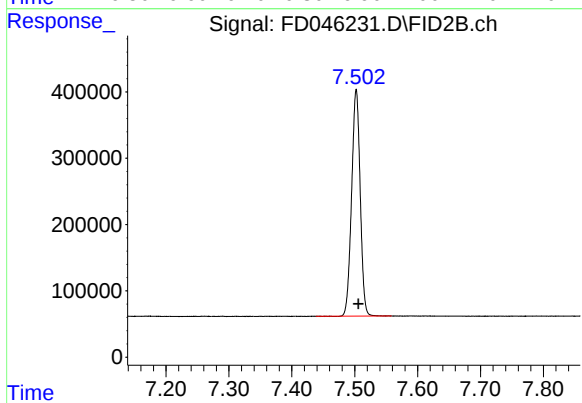
#2 Naphthalene (C11.7)

R.T.: 5.842 min
Delta R.T.: -0.004 min
Response: 3880050
Conc: 21.48 ug/ml



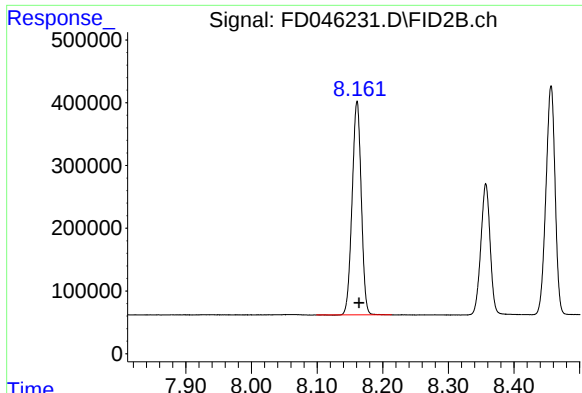
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: -0.003 min
Response: 3793069
Conc: 21.55 ug/ml



#4 2-Bromonaphthalene (SURR)

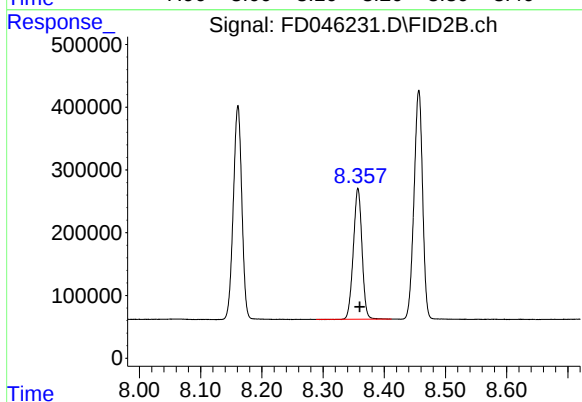
R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 3231754
Conc: 21.62 ug/ml



#5 Acenaphthylene (C15.06)

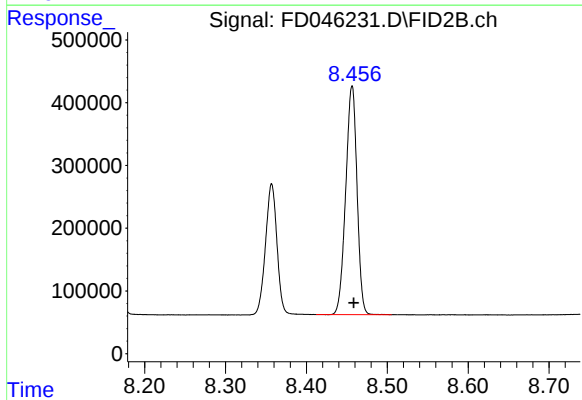
R.T.: 8.161 min
Delta R.T.: -0.003 min
Response: 3290723
Conc: 21.57 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



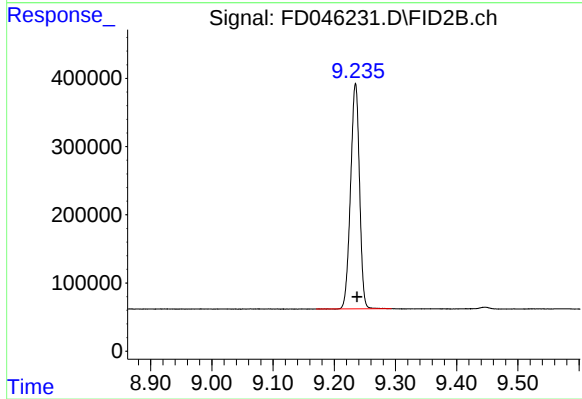
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.357 min
Delta R.T.: -0.003 min
Response: 2047895
Conc: 21.88 ug/ml



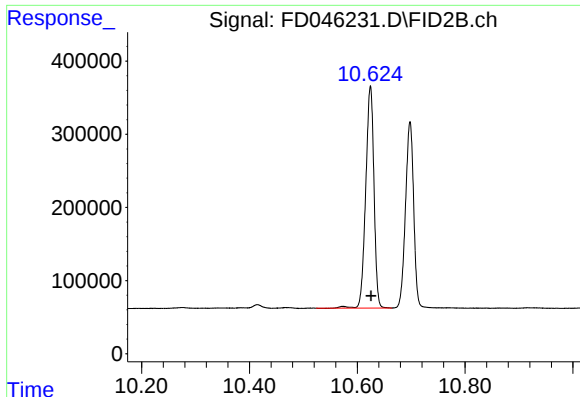
#7 Acenaphthene (C15.5)

R.T.: 8.456 min
Delta R.T.: -0.002 min
Response: 3546955
Conc: 21.75 ug/ml



#8 Fluorene (C16.55)

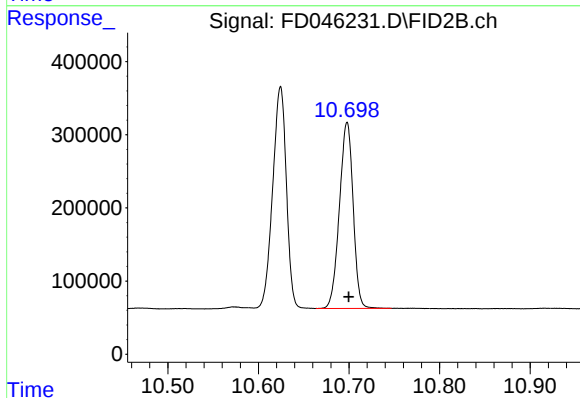
R.T.: 9.235 min
Delta R.T.: -0.002 min
Response: 3351265
Conc: 22.02 ug/ml



#9 Phenanthrene (C19.36)

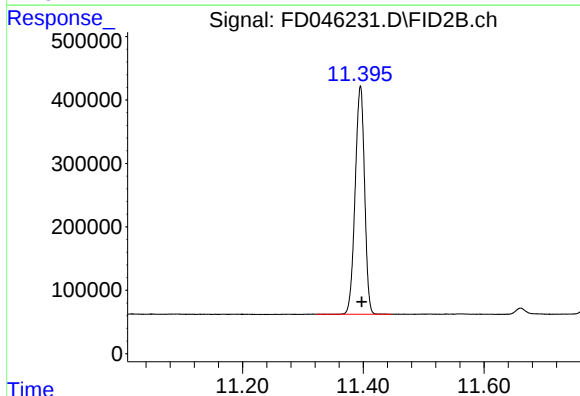
R.T.: 10.624 min
Delta R.T.: -0.002 min
Response: 3217442
Conc: 22.34 ug/ml

Instrument :
FID_D
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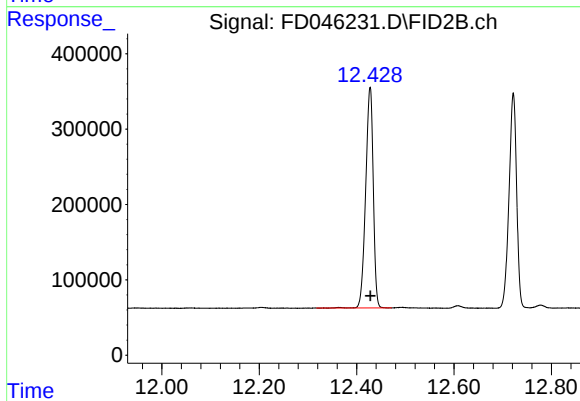
#10 Anthracene (C19.43)

R.T.: 10.698 min
Delta R.T.: -0.002 min
Response: 2673357
Conc: 20.43 ug/ml



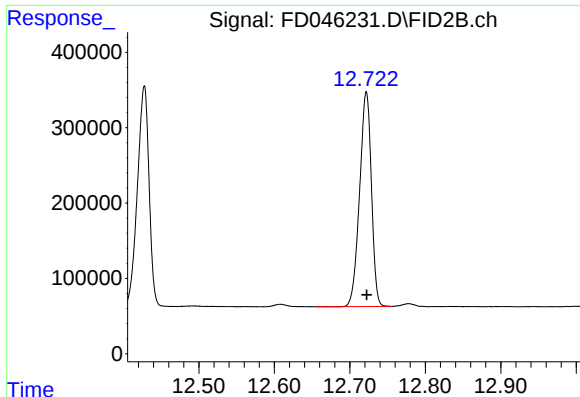
#11 ortho-Terphenyl (SURR)

R.T.: 11.395 min
Delta R.T.: -0.003 min
Response: 3888645
Conc: 22.27 ug/ml



#12 Fluoranthene (C21.85)

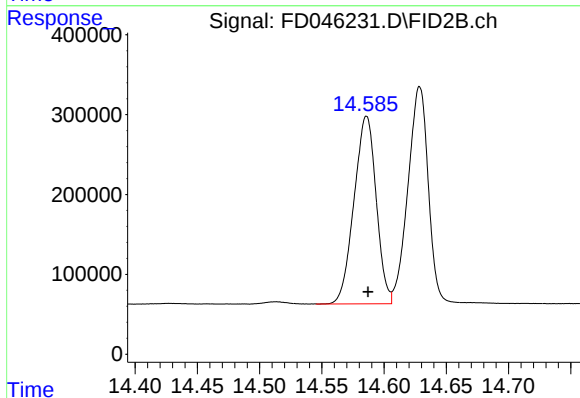
R.T.: 12.427 min
Delta R.T.: 0.000 min
Response: 3150261
Conc: 22.55 ug/ml



#13 Pyrene (C20.8)

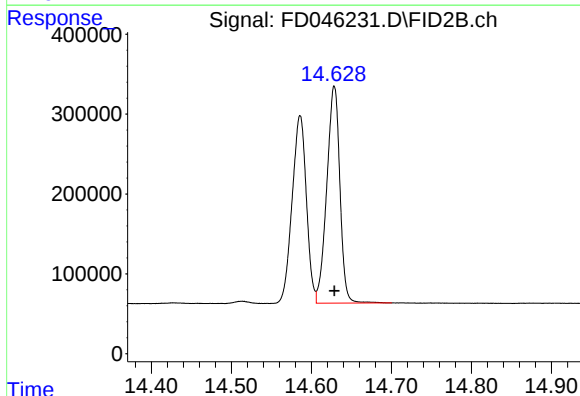
R.T.: 12.722 min
Delta R.T.: 0.000 min
Response: 3087494
Conc: 22.28 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



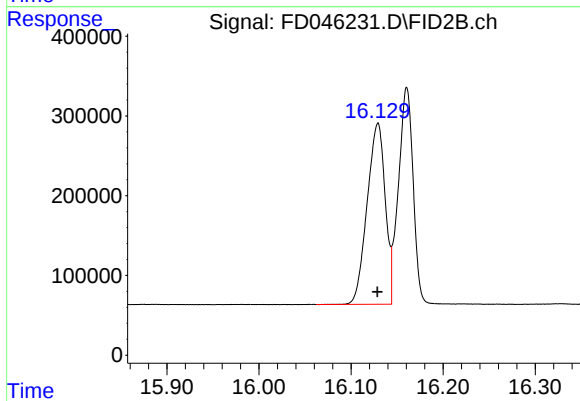
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.586 min
Delta R.T.: -0.001 min
Response: 2912112
Conc: 22.19 ug/ml



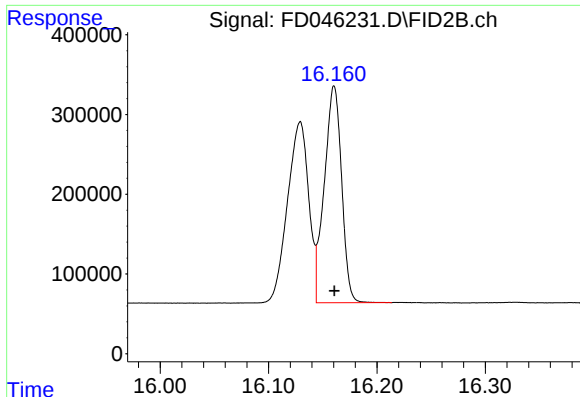
#15 Chrysene (C27.41)

R.T.: 14.628 min
Delta R.T.: 0.000 min
Response: 3107150
Conc: 22.04 ug/ml



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

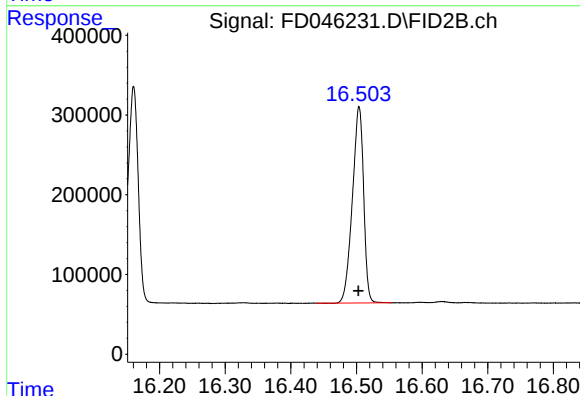
R.T.: 16.129 min
Delta R.T.: 0.000 min
Response: 3093358
Conc: 22.62 ug/ml



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

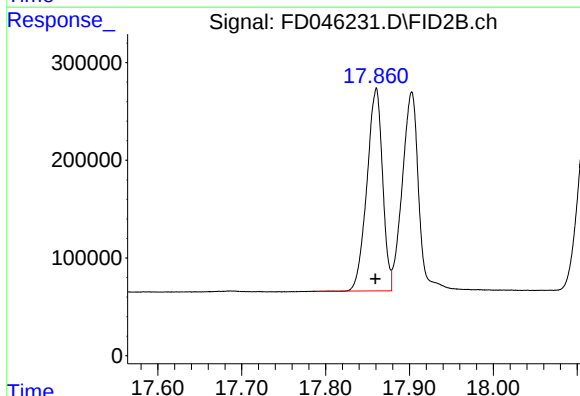
R.T.: 16.160 min
Delta R.T.: 0.000 min
Response: 3022675
Conc: 22.05 ug/ml

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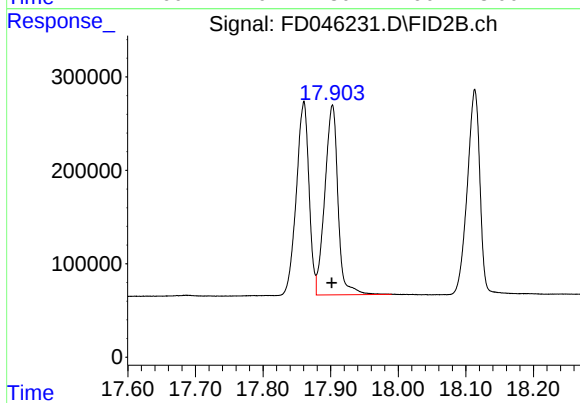
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.504 min
Delta R.T.: 0.000 min
Response: 2930453
Conc: 22.51 ug/ml



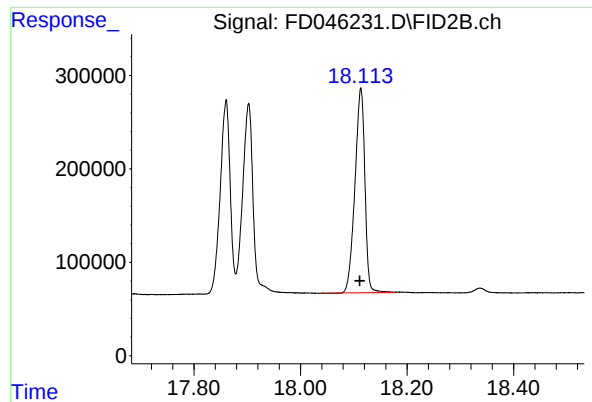
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.860 min
Delta R.T.: 0.000 min
Response: 2683552
Conc: 22.31 ug/ml



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

R.T.: 17.902 min
Delta R.T.: 0.000 min
Response: 2755322
Conc: 21.54 ug/ml



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

R.T.: 18.113 min
Delta R.T.: 0.002 min
Response: 2828659
Conc: 22.30 ug/ml

Instrument :

FID_D

ClientSampleId :

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