

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050823AR\
 Data File : FD045636.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2023 07:30
 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: May 09 07:59:49 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.540	3561336	20.879 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
6) S 2-Fluorobiphenyl (SURR)	8.395	2415935	21.013 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.03%
11) S ortho-Terphenyl (SURR)	11.435	4452083	21.088 ug/ml
Spiked Amount 50.000		Recovery =	42.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.346	3919511	20.998 ug/ml
2) T Naphthalene (C11.7)	5.878	4145653	21.076 ug/ml
3) T 2-Methylnaphthalene (...)	6.928	4156475	21.041 ug/ml
5) T Acenaphthylene (C15.06)	8.199	3786758	21.077 ug/ml
7) T Acenaphthene (C15.5)	8.495	4003228	21.037 ug/ml
8) T Fluorene (C16.55)	9.274	3961425	21.005 ug/ml
9) T Phenanthrene (C19.36)	10.664	3908449	21.027 ug/ml
10) T Anthracene (C19.43)	10.738	3631444	20.313 ug/ml
12) T Fluoranthene (C21.85)	12.469	3816024	21.153 ug/ml
13) T Pyrene (C20.8)	12.764	3689412	21.051 ug/ml
14) T Benzo[a]anthracene (C...	14.628	3354423	21.074 ug/ml
15) T Chrysene (C27.41)	14.670	3482684	21.448 ug/ml
16) T benzo[b]fluoranthene ...	16.169	3125654	21.223 ug/ml
17) T Bnezo[k]fluoranthene ...	16.203	3176734	21.970 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.544	2997595	21.499 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.901	2758671	21.713 ug/ml
20) T Dibenz[a,h]anthracene...	17.943	2800188	21.803 ug/ml
21) T Benzo[g,h,i]perylene ...	18.154	2692581	20.934 ug/ml

(f)=RT Delta > 1/2 Window

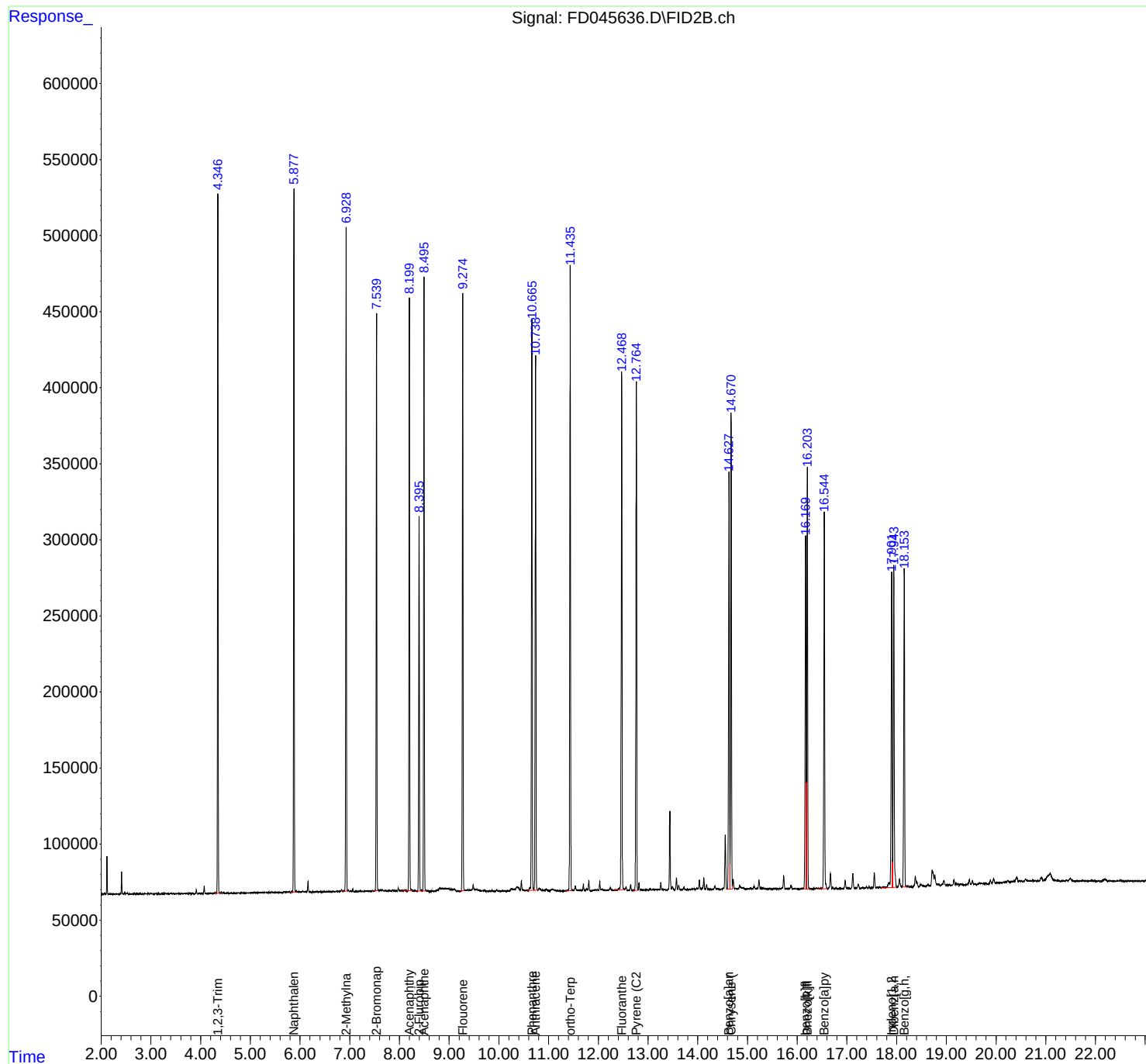
(m)=manual int.

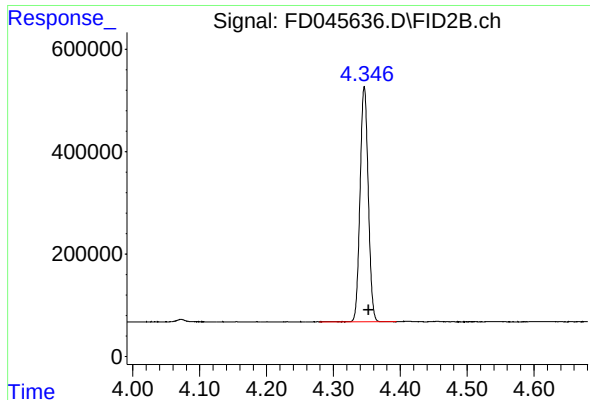
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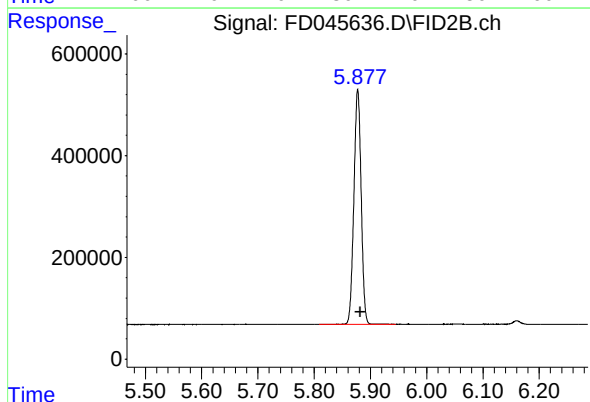




#1 1,2,3-Trimethylbenzene (C10.1)

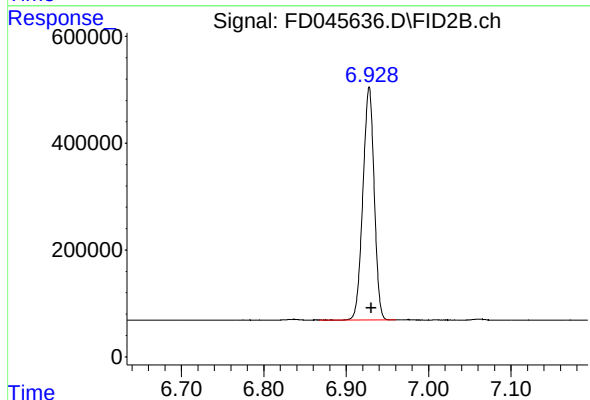
R.T.: 4.346 min
Delta R.T.: -0.007 min
Response: 3919511
Conc: 21.00 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



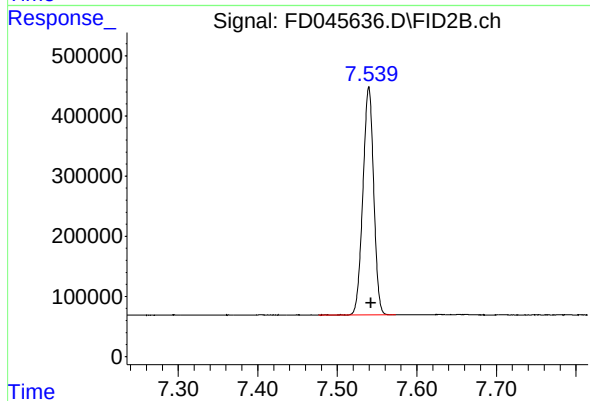
#2 Naphthalene (C11.7)

R.T.: 5.878 min
Delta R.T.: -0.004 min
Response: 4145653
Conc: 21.08 ug/ml



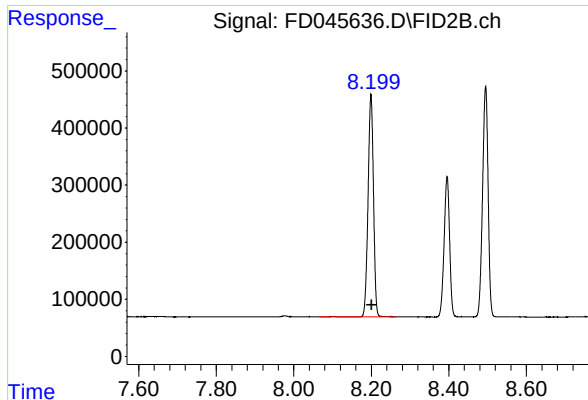
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 4156475
Conc: 21.04 ug/ml



#4 2-Bromonaphthalene (SURR)

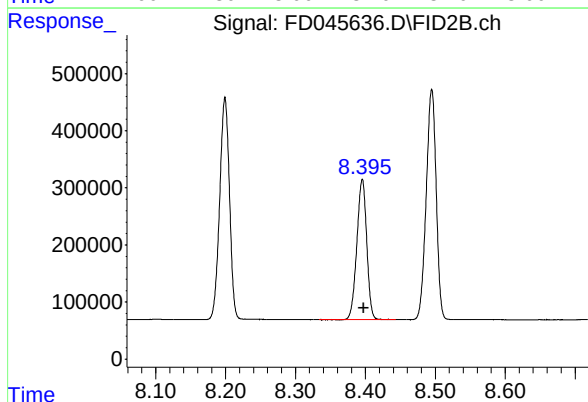
R.T.: 7.540 min
Delta R.T.: -0.003 min
Response: 3561336
Conc: 20.88 ug/ml



#5 Acenaphthylene (C15.06)

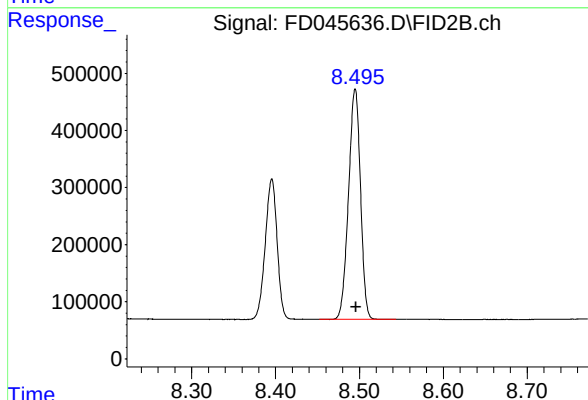
R.T.: 8.199 min
Delta R.T.: -0.002 min
Response: 3786758
Conc: 21.08 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



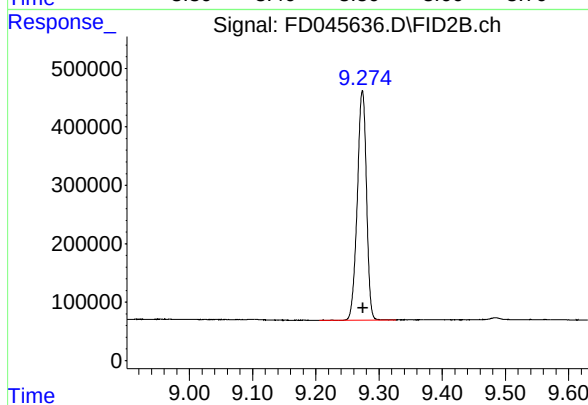
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.395 min
Delta R.T.: -0.002 min
Response: 2415935
Conc: 21.01 ug/ml



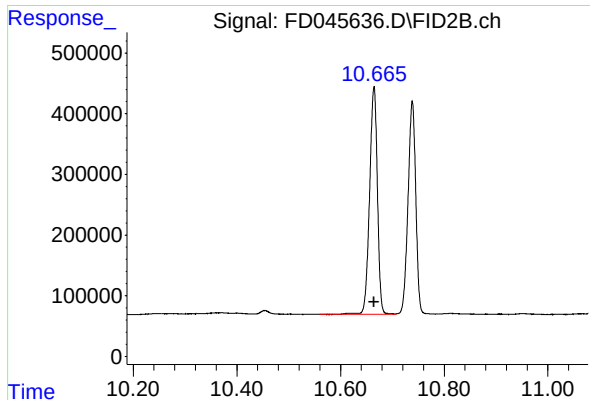
#7 Acenaphthene (C15.5)

R.T.: 8.495 min
Delta R.T.: -0.001 min
Response: 4003228
Conc: 21.04 ug/ml



#8 Fluorene (C16.55)

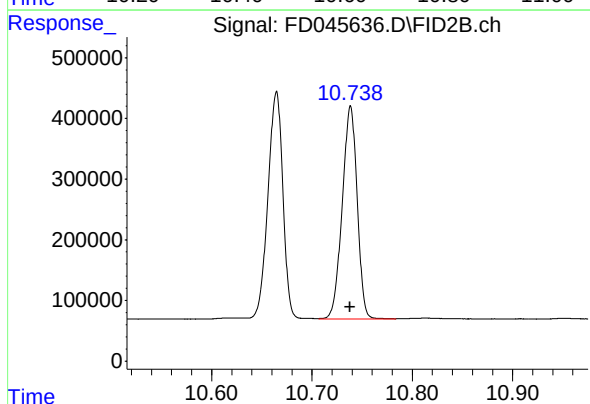
R.T.: 9.274 min
Delta R.T.: 0.000 min
Response: 3961425
Conc: 21.01 ug/ml



#9 Phenanthrene (C19.36)

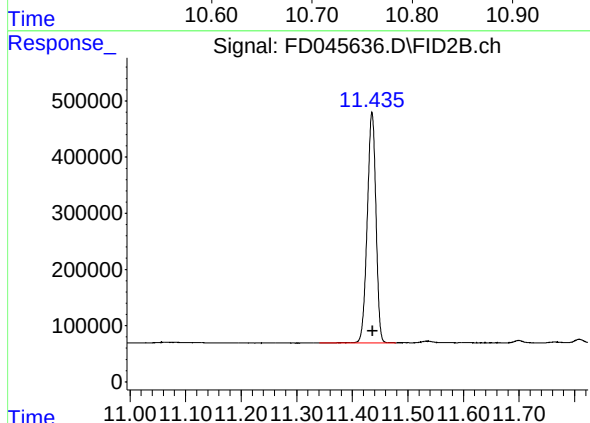
R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 3908449
Conc: 21.03 ug/ml

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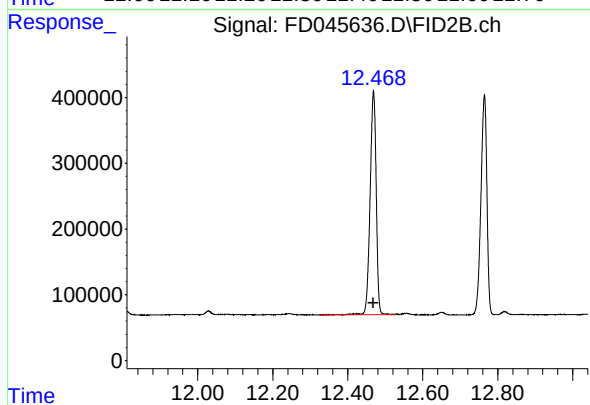
#10 Anthracene (C19.43)

R.T.: 10.738 min
Delta R.T.: 0.000 min
Response: 3631444
Conc: 20.31 ug/ml



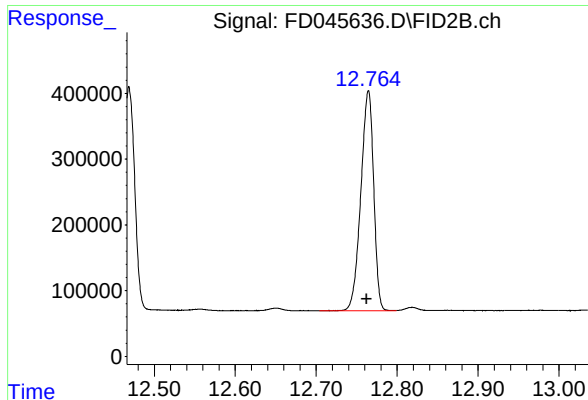
#11 ortho-Terphenyl (SURR)

R.T.: 11.435 min
Delta R.T.: 0.000 min
Response: 4452083
Conc: 21.09 ug/ml



#12 Fluoranthene (C21.85)

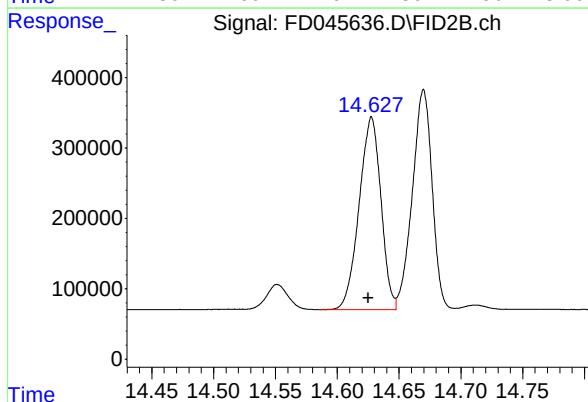
R.T.: 12.469 min
Delta R.T.: 0.000 min
Response: 3816024
Conc: 21.15 ug/ml



#13 Pyrene (C20.8)

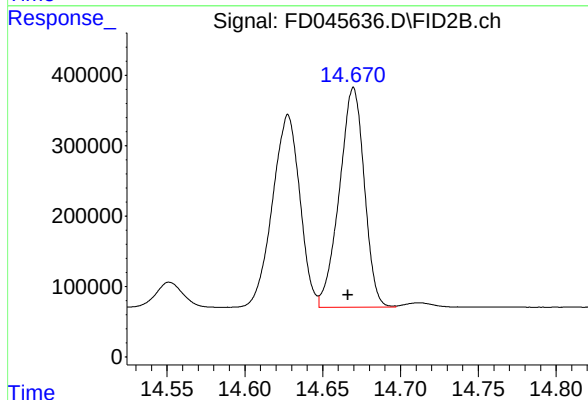
R.T.: 12.764 min
Delta R.T.: 0.002 min
Response: 3689412
Conc: 21.05 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



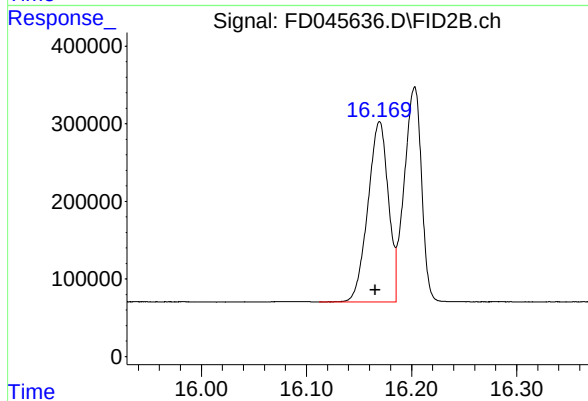
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.628 min
Delta R.T.: 0.002 min
Response: 3354423
Conc: 21.07 ug/ml



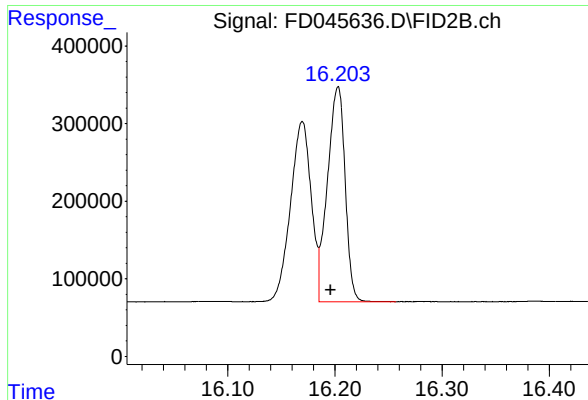
#15 Chrysene (C27.41)

R.T.: 14.670 min
Delta R.T.: 0.004 min
Response: 3482684
Conc: 21.45 ug/ml



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

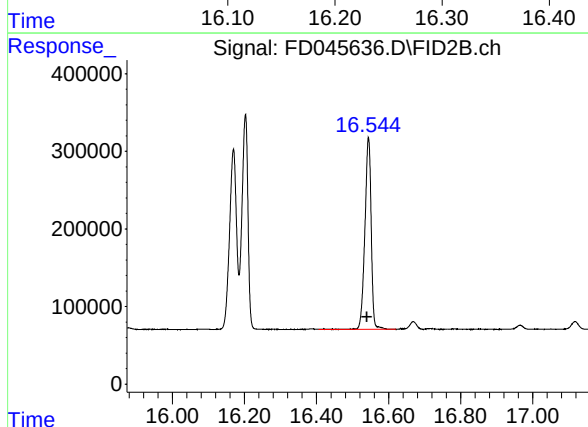
R.T.: 16.169 min
Delta R.T.: 0.004 min
Response: 3125654
Conc: 21.22 ug/ml



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

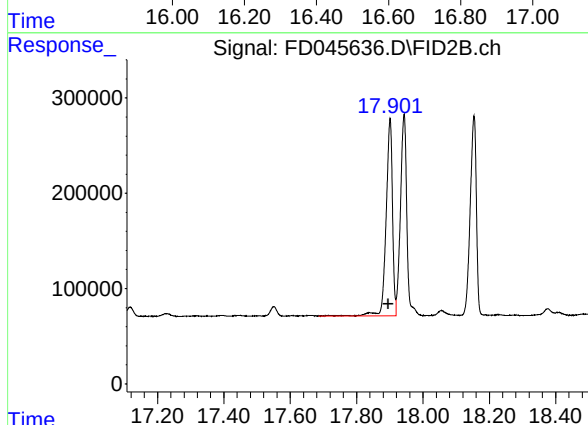
R.T.: 16.203 min
Delta R.T.: 0.006 min
Response: 3176734
Conc: 21.97 ug/ml

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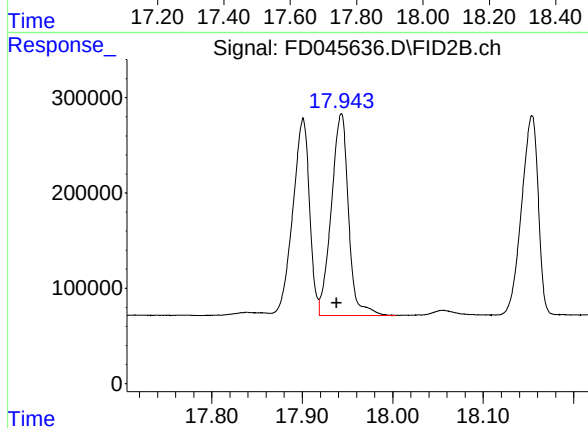
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.544 min
Delta R.T.: 0.004 min
Response: 2997595
Conc: 21.50 ug/ml



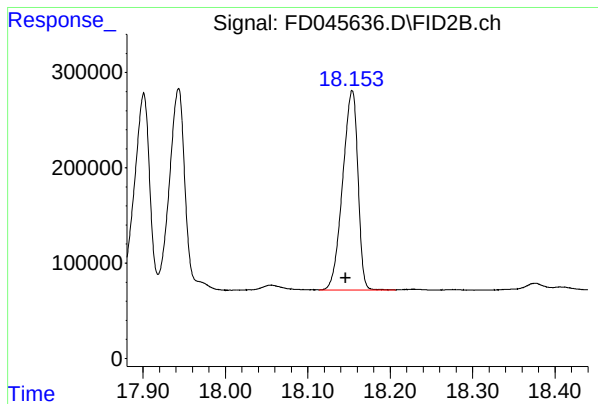
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.901 min
Delta R.T.: 0.005 min
Response: 2758671
Conc: 21.71 ug/ml



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

R.T.: 17.943 min
Delta R.T.: 0.005 min
Response: 2800188
Conc: 21.80 ug/ml



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

R.T.: 18.154 min
Delta R.T.: 0.008 min
Response: 2692581
Conc: 20.93 ug/ml

Instrument :

FID_D

ClientSampleId :

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