

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091823AR\
 Data File : FD046517.D
 Signal(s) : FID2B.ch
 Acq On : 18 Sep 2023 09:36
 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: Sep 18 11:14:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.492	3768097	21.382 ug/ml
Spiked Amount 50.000		Recovery =	42.76%
6) S 2-Fluorobiphenyl (SURR)	8.345	2464037	21.268 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.54%
11) S ortho-Terphenyl (SURR)	11.383	4413068	21.661 ug/ml
Spiked Amount 50.000		Recovery =	43.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3981465	21.557 ug/ml
2) T Naphthalene (C11.7)	5.832	4164997	21.554 ug/ml
3) T 2-Methylnaphthalene (...)	6.880	4188036	21.612 ug/ml
5) T Acenaphthylene (C15.06)	8.149	3811749	21.618 ug/ml
7) T Acenaphthene (C15.5)	8.445	4045522	21.531 ug/ml
8) T Fluorene (C16.55)	9.223	3861097	21.404 ug/ml
9) T Phenanthrene (C19.36)	10.612	3744117	21.295 ug/ml
10) T Anthracene (C19.43)	10.686	3549681	23.111 ug/ml
12) T Fluoranthene (C21.85)	12.414	3637731	21.343 ug/ml
13) T Pyrene (C20.8)	12.708	3527024	21.500 ug/ml
14) T Benzo[a]anthracene (C...	14.572	2869014	20.547 ug/ml
15) T Chrysene (C27.41)	14.614	3109143	20.481 ug/ml
16) T benzo[b]fluoranthene ...	16.114	2880783	21.002 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	2860628	20.651 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.487	2731393	20.417 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.844	2412166	19.244 ug/ml
20) T Dibenz[a,h]anthracene...	17.885	2367972	17.795 ug/ml
21) T Benzo[g,h,i]perylene ...	18.096	2688255	20.385 ug/ml

(f)=RT Delta > 1/2 Window

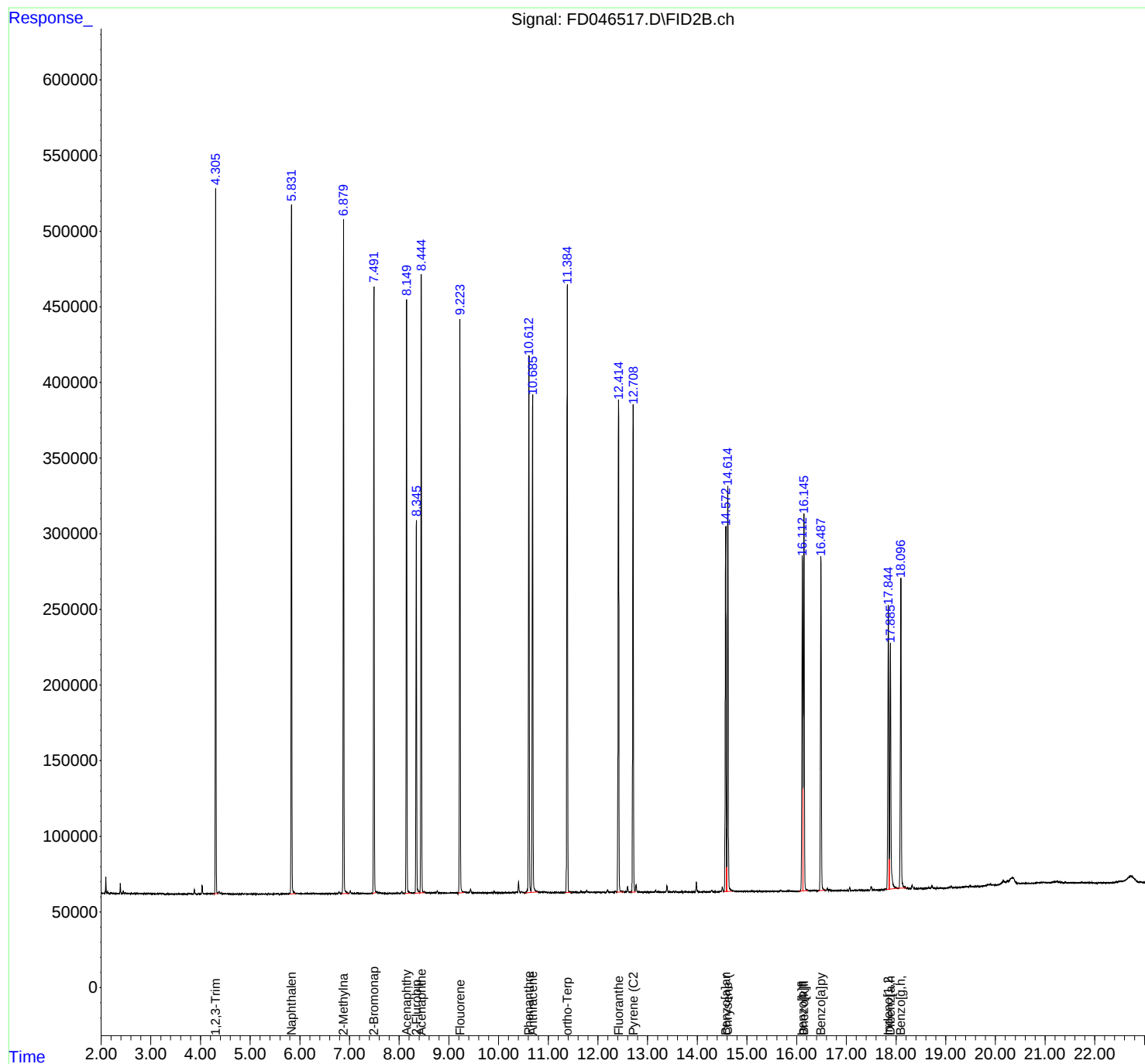
(m)=manual int.

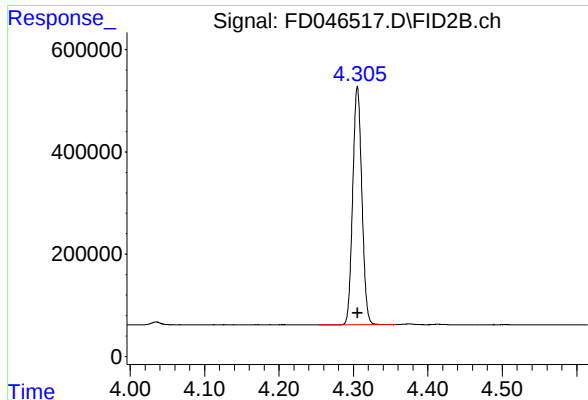
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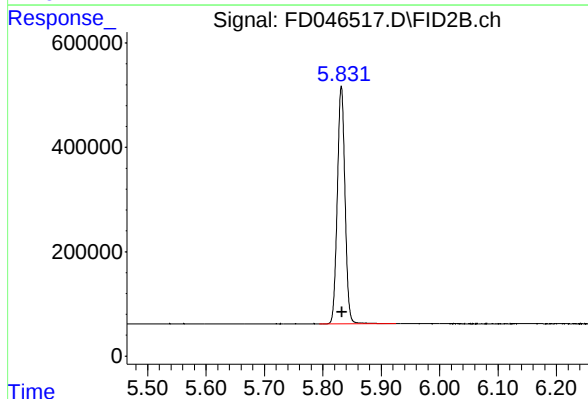




#1 1,2,3-Trimethylbenzene (C10.1)

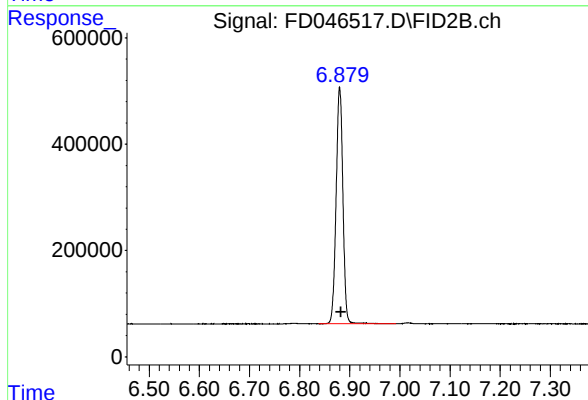
R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 3981465
Conc: 21.56 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



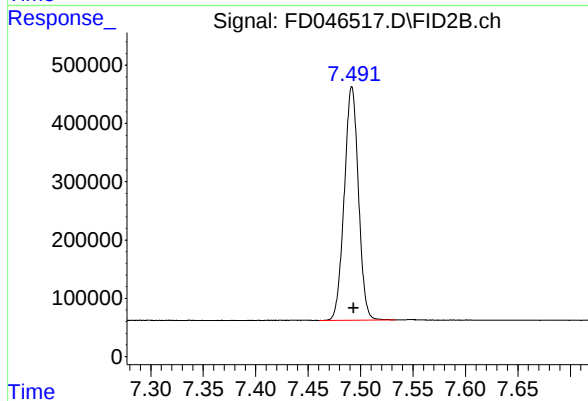
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: -0.001 min
Response: 4164997
Conc: 21.55 ug/ml



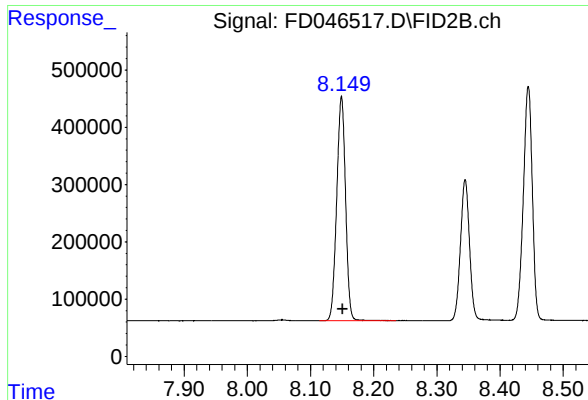
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.880 min
Delta R.T.: -0.002 min
Response: 4188036
Conc: 21.61 ug/ml



#4 2-Bromonaphthalene (SURR)

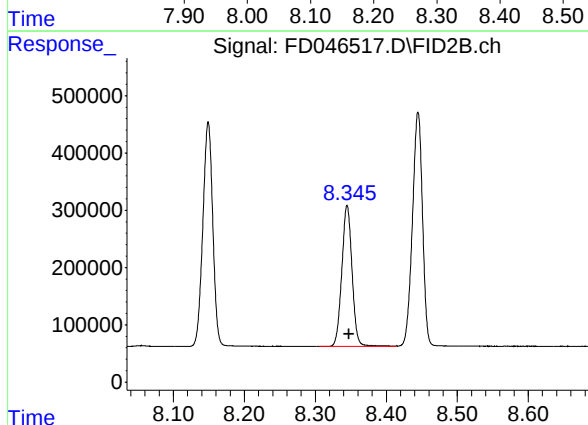
R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 3768097
Conc: 21.38 ug/ml



#5 Acenaphthylene (C15.06)

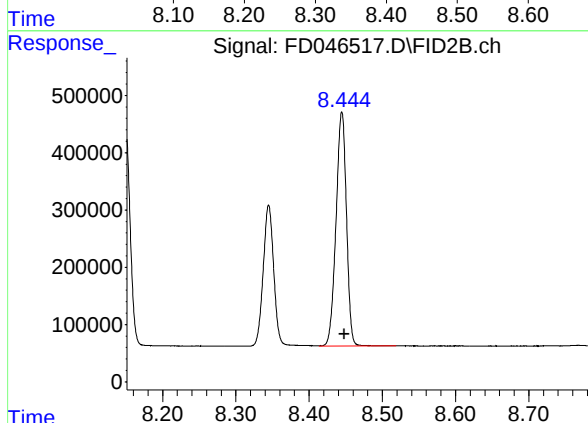
R.T.: 8.149 min
Delta R.T.: -0.002 min
Response: 3811749
Conc: 21.62 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



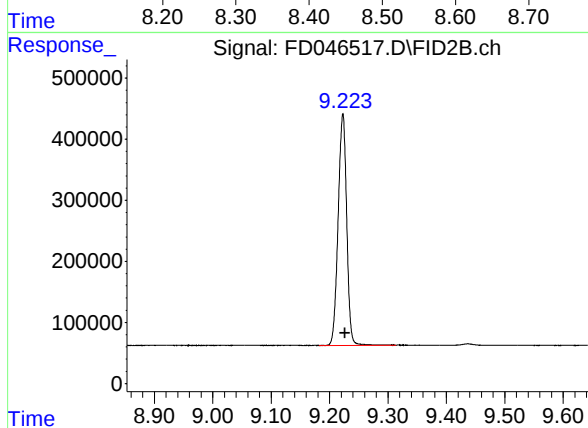
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.345 min
Delta R.T.: -0.002 min
Response: 2464037
Conc: 21.27 ug/ml



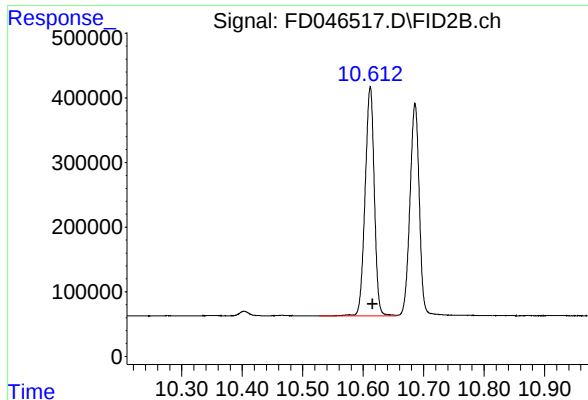
#7 Acenaphthene (C15.5)

R.T.: 8.445 min
Delta R.T.: -0.003 min
Response: 4045522
Conc: 21.53 ug/ml



#8 Flouorene (C16.55)

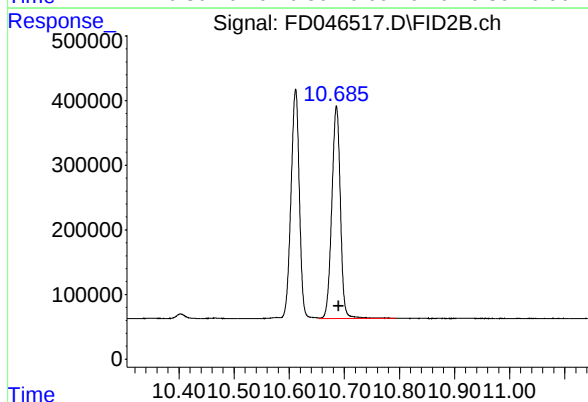
R.T.: 9.223 min
Delta R.T.: -0.004 min
Response: 3861097
Conc: 21.40 ug/ml



#9 Phenanthrene (C19.36)

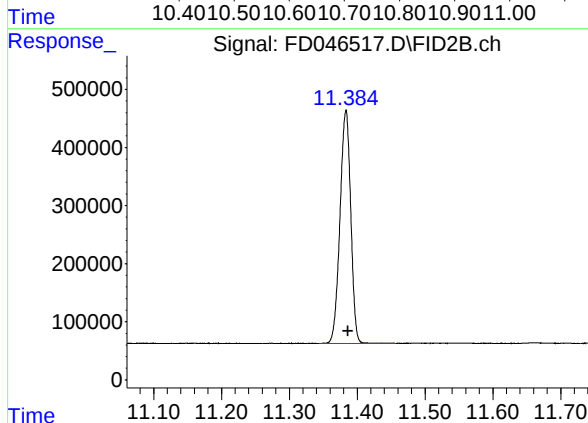
R.T.: 10.612 min
Delta R.T.: -0.004 min
Response: 3744117
Conc: 21.29 ug/ml

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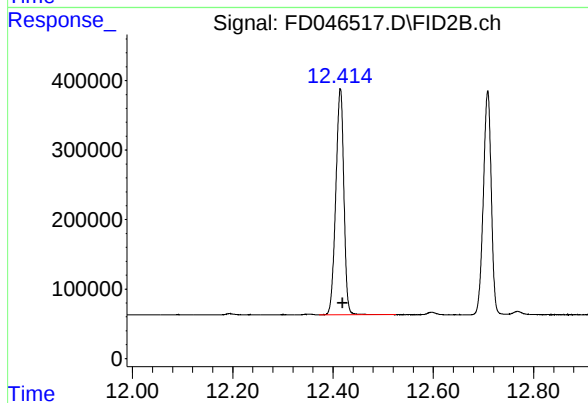
#10 Anthracene (C19.43)

R.T.: 10.686 min
Delta R.T.: -0.004 min
Response: 3549681
Conc: 23.11 ug/ml



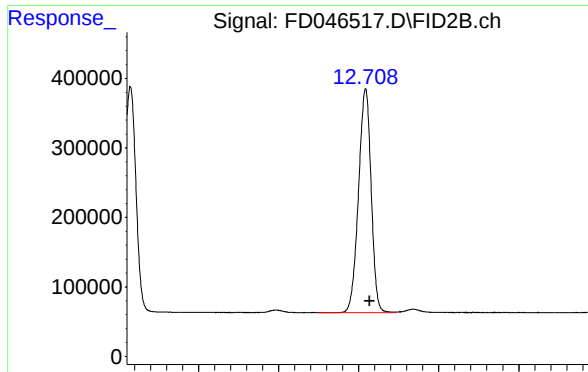
#11 ortho-Terphenyl (SURR)

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 4413068
Conc: 21.66 ug/ml



#12 Fluoranthene (C21.85)

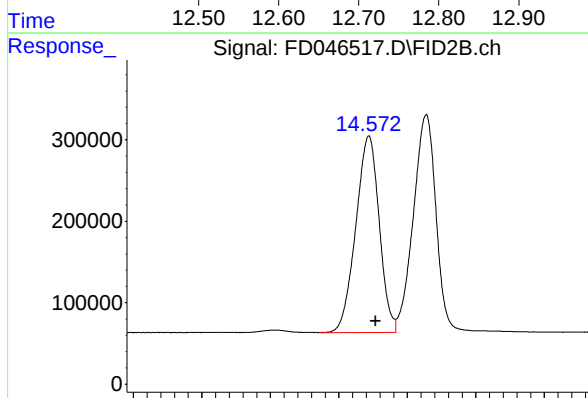
R.T.: 12.414 min
Delta R.T.: -0.005 min
Response: 3637731
Conc: 21.34 ug/ml



#13 Pyrene (C20.8)

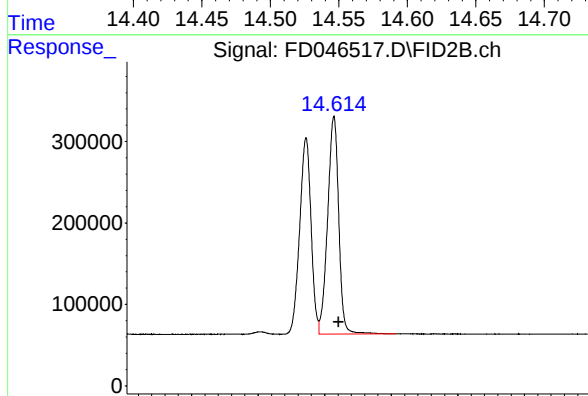
R.T.: 12.708 min
Delta R.T.: -0.005 min
Response: 3527024
Conc: 21.50 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



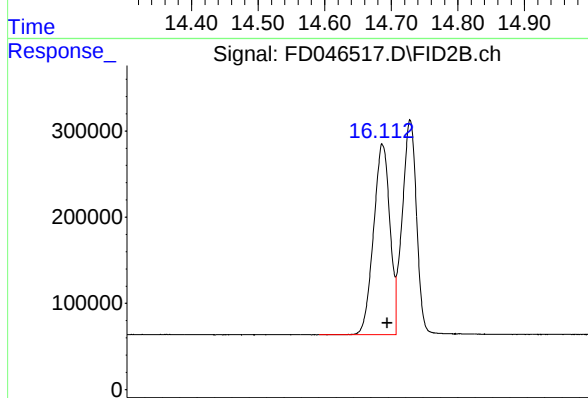
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.572 min
Delta R.T.: -0.005 min
Response: 2869014
Conc: 20.55 ug/ml



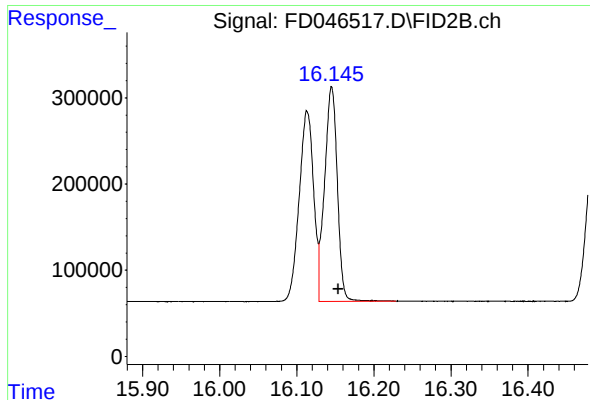
#15 Chrysene (C27.41)

R.T.: 14.614 min
Delta R.T.: -0.007 min
Response: 3109143
Conc: 20.48 ug/ml



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

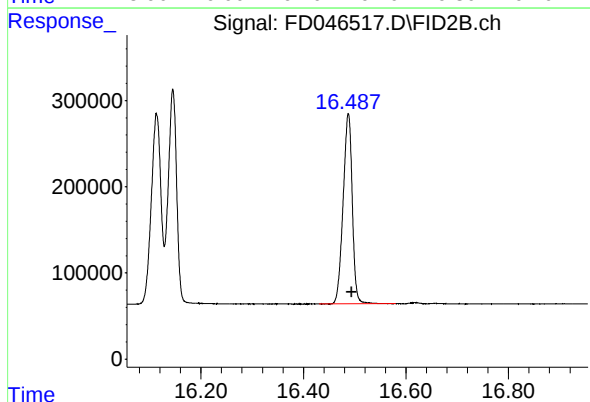
R.T.: 16.114 min
Delta R.T.: -0.005 min
Response: 2880783
Conc: 21.00 ug/ml



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

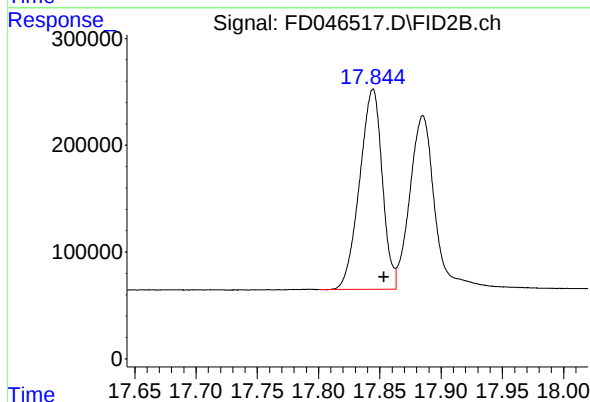
R.T.: 16.145 min
Delta R.T.: -0.009 min
Response: 2860628
Conc: 20.65 ug/ml

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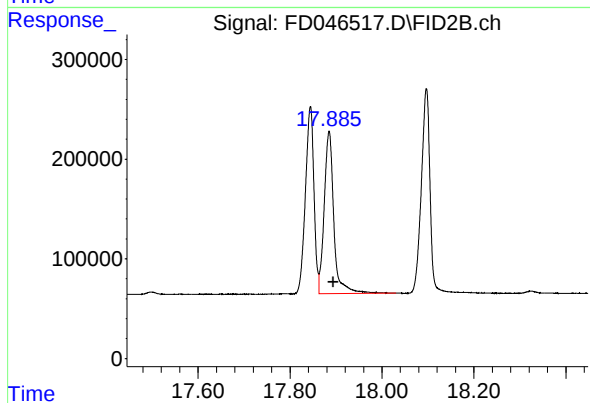
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min
Delta R.T.: -0.007 min
Response: 2731393
Conc: 20.42 ug/ml



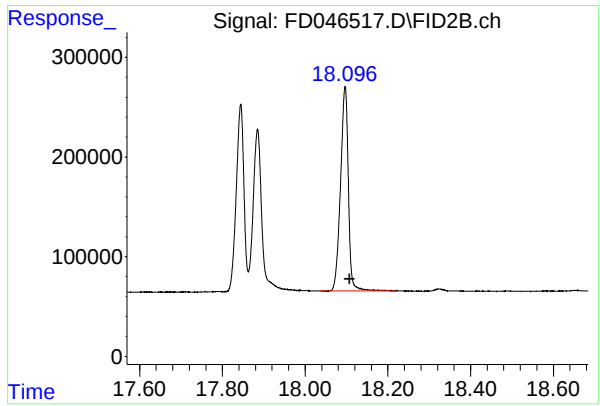
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.844 min
Delta R.T.: -0.009 min
Response: 2412166
Conc: 19.24 ug/ml



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

R.T.: 17.885 min
Delta R.T.: -0.009 min
Response: 2367972
Conc: 17.79 ug/ml



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

R.T.: 18.096 min
Delta R.T.: -0.012 min
Response: 2688255
Conc: 20.39 ug/ml

Instrument :

FID_D

ClientSampleId :

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