

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082322AR\
 Data File : FD043728.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2022 04:37
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 24 05:05:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:39:46 2022
 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...	7.482	3534113	20.454 ug/ml
Spiked Amount 50.000		Recovery =	40.91%
6) S 2-Fluorobiphenyl (SURR)	8.339	2167783	21.550 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.10%
11) S ortho-Terphenyl (SURR)	11.370	4308346	20.593 ug/ml
Spiked Amount 50.000		Recovery =	41.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.285	4148815	20.833 ug/ml
2) T Naphthalene (C11.7)	5.821	4100965	20.403 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	3687772	20.431 ug/ml
5) T Acenaphthylene (C15.06)	8.141	4110711	20.565 ug/ml
7) T Acenaphthene (C15.5)	8.432	4383540	20.393 ug/ml
8) T Flouorene (C16.55)	9.214	3957707	20.644 ug/ml
9) T Phenanthrene (C19.36)	10.607	3784722	21.047 ug/ml
10) T Anthracene (C19.43)	10.684	3938468	20.248 ug/ml
12) T Fluoranthene (C21.85)	12.414	3818307	20.938 ug/ml
13) T Pyrene (C20.8)	12.709	3947599	21.148 ug/ml
14) T Benzo[a]anthracene (C...	14.578	3184496	22.257 ug/ml
15) T Chrysene (C27.41)	14.620	3896163	20.186 ug/ml
16) T benzo[b]fluoranthene ...	16.124	3101533	21.494 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.155	3553927	20.663 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.505	3152914	21.713 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.865	2249051	21.747 ug/mlm
20) T Dibenz[a,h]anthracene...	17.904	3018028	21.446 ug/ml
21) T Benzo[g,h,i]perylene ...	18.116	2694178	21.163 ug/ml

(f)=RT Delta > 1/2 Window

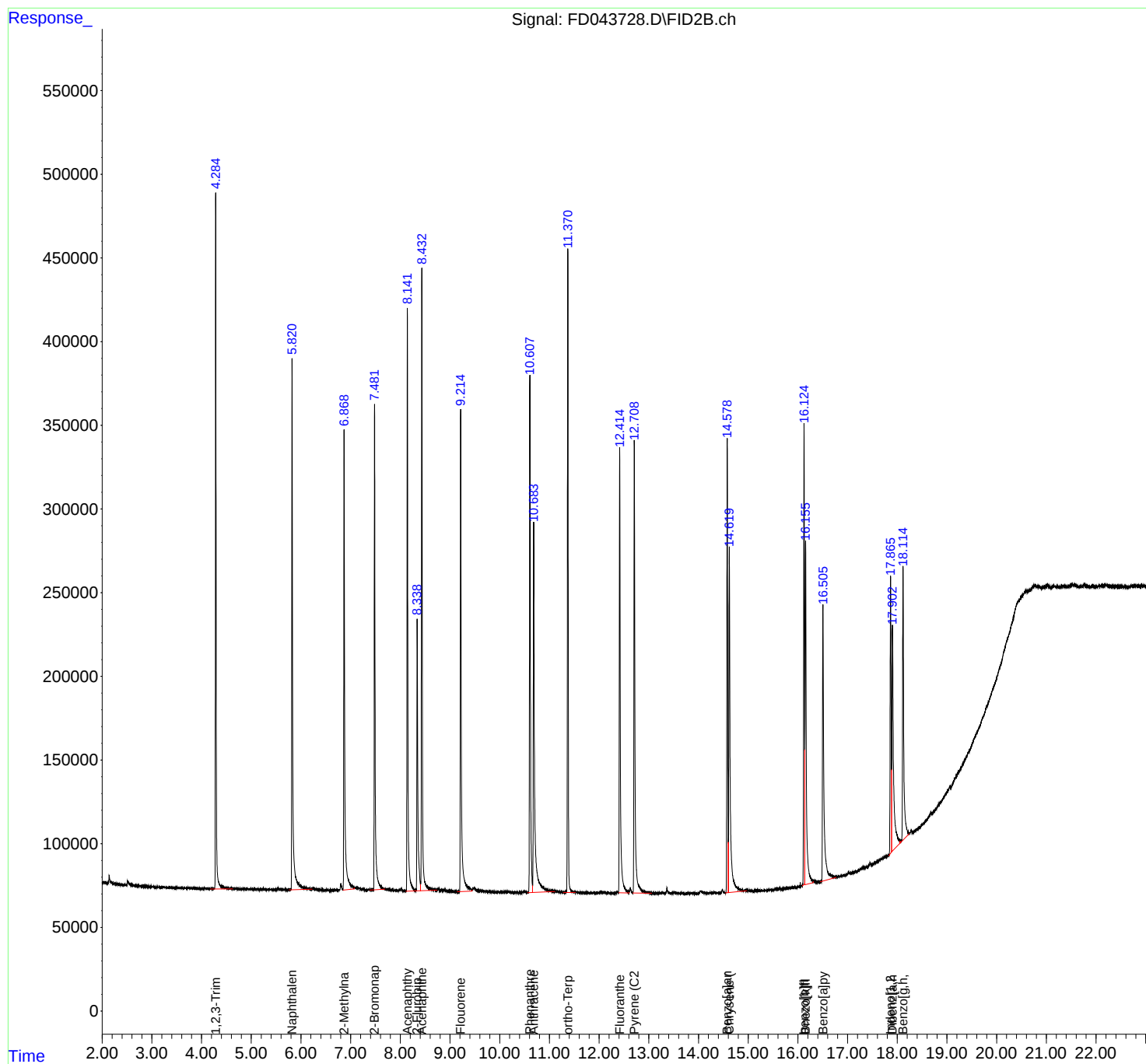
(m)=manual int.

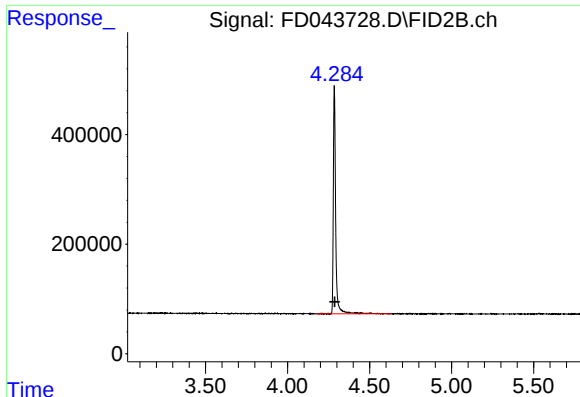
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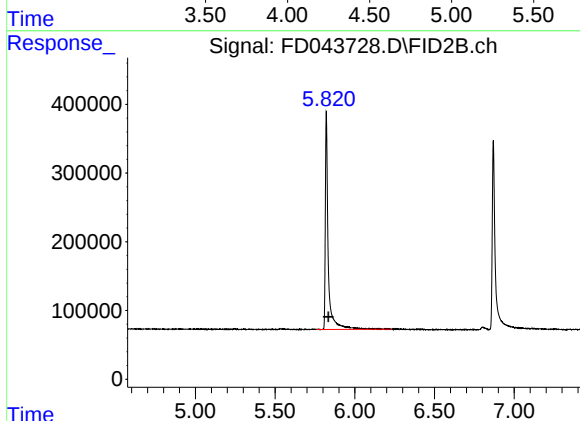




#1 1,2,3-Trimethylbenzene (C10.1)

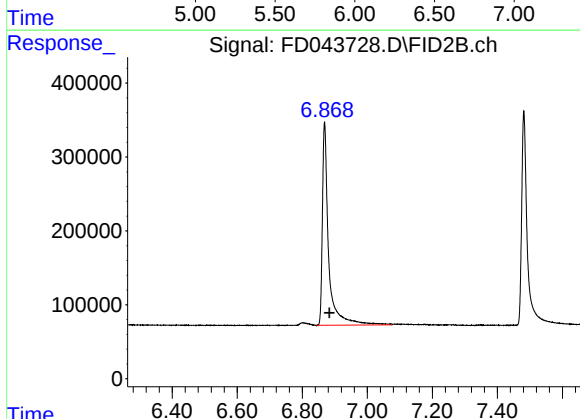
R.T.: 4.285 min
Delta R.T.: -0.003 min
Response: 4148815
Conc: 20.83 ug/ml

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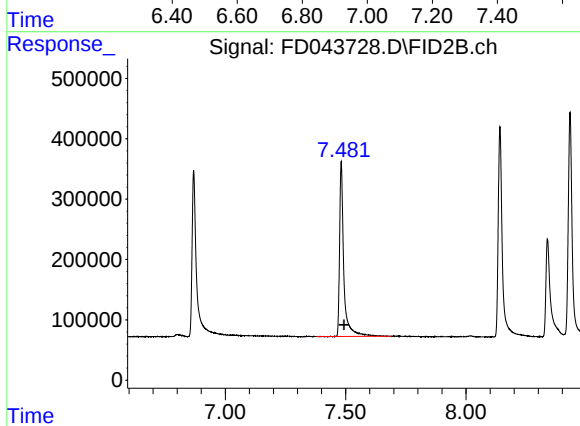
#2 Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: -0.012 min
Response: 4100965
Conc: 20.40 ug/ml



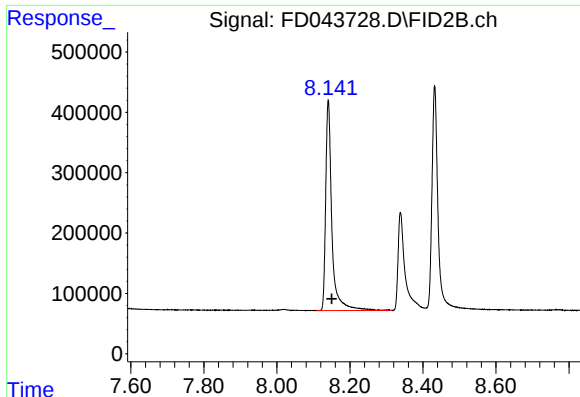
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: -0.014 min
Response: 3687772
Conc: 20.43 ug/ml



#4 2-Bromonaphthalene (SURR)

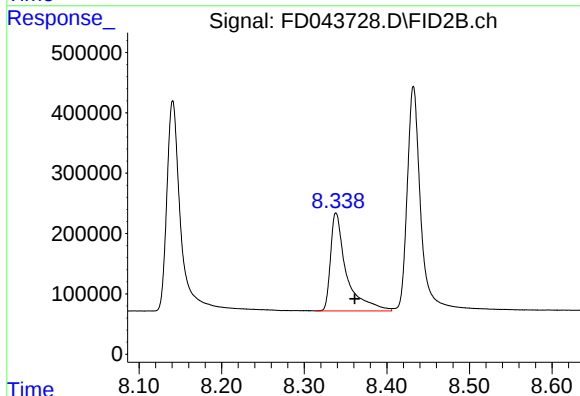
R.T.: 7.482 min
Delta R.T.: -0.012 min
Response: 3534113
Conc: 20.45 ug/ml



#5 Acenaphthylene (C15.06)

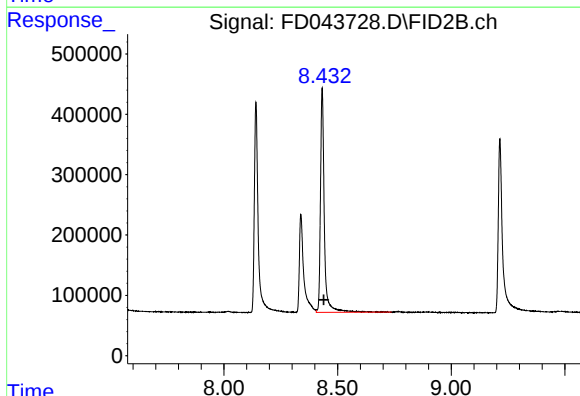
R.T.: 8.141 min
Delta R.T.: -0.009 min
Response: 4110711
Conc: 20.56 ug/ml

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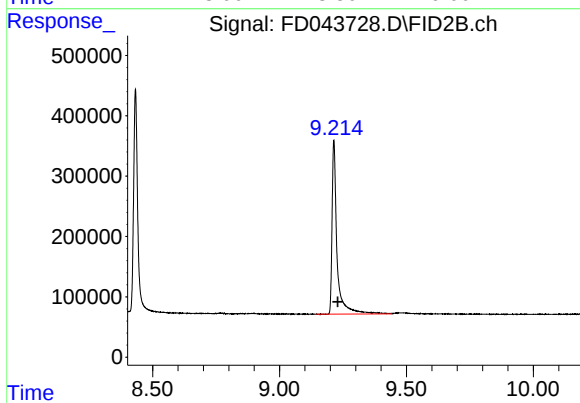
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.339 min
Delta R.T.: -0.022 min
Response: 2167783
Conc: 21.55 ug/ml



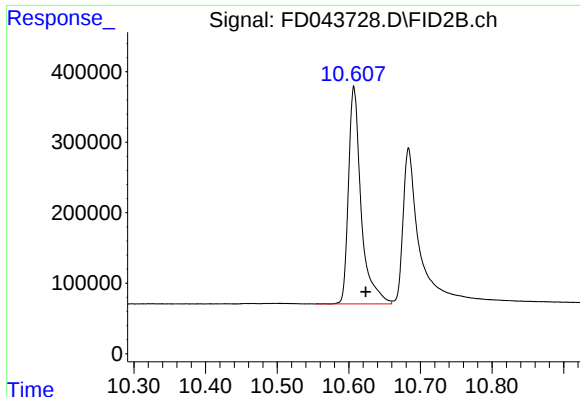
#7 Acenaphthene (C15.5)

R.T.: 8.432 min
Delta R.T.: -0.006 min
Response: 4383540
Conc: 20.39 ug/ml



#8 Fluorene (C16.55)

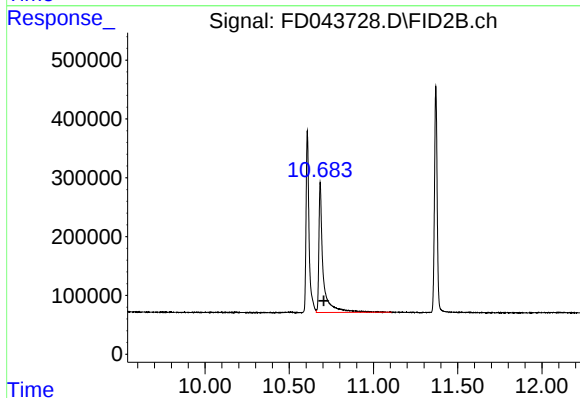
R.T.: 9.214 min
Delta R.T.: -0.016 min
Response: 3957707
Conc: 20.64 ug/ml



#9 Phenanthrene (C19.36)

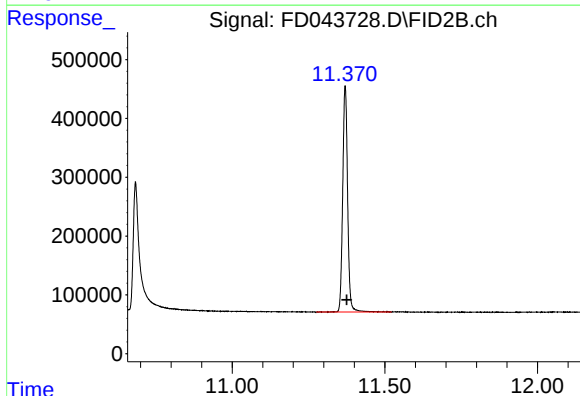
R.T.: 10.607 min
Delta R.T.: -0.016 min
Response: 3784722
Conc: 21.05 ug/ml

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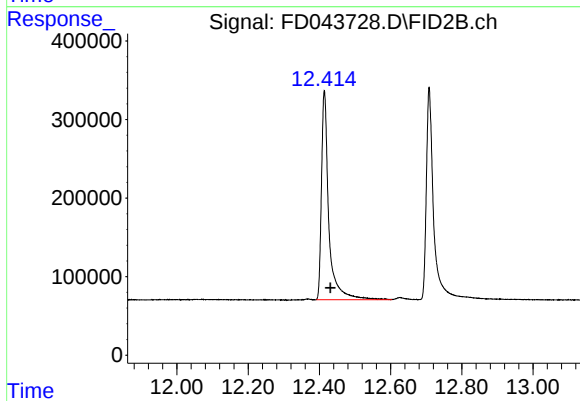
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: -0.021 min
Response: 3938468
Conc: 20.25 ug/ml



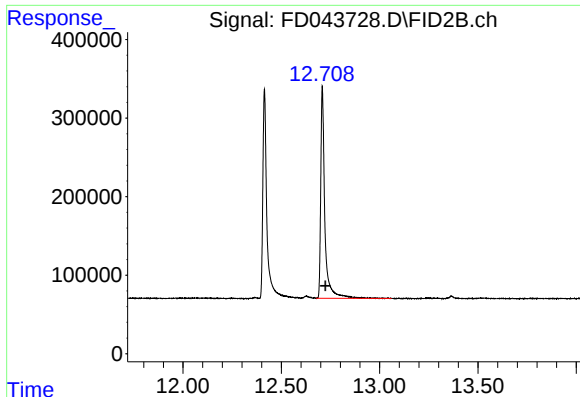
#11 ortho-Terphenyl (SURR)

R.T.: 11.370 min
Delta R.T.: -0.005 min
Response: 4308346
Conc: 20.59 ug/ml



#12 Fluoranthene (C21.85)

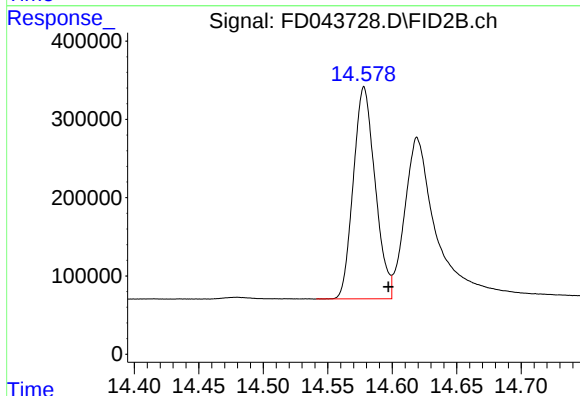
R.T.: 12.414 min
Delta R.T.: -0.017 min
Response: 3818307
Conc: 20.94 ug/ml



#13 Pyrene (C20.8)

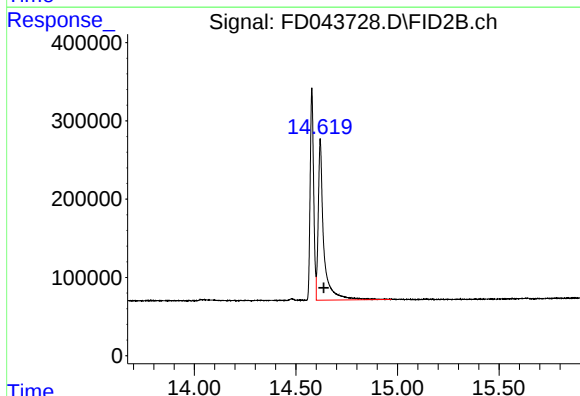
R.T.: 12.709 min
Delta R.T.: -0.015 min
Response: 3947599
Conc: 21.15 ug/ml

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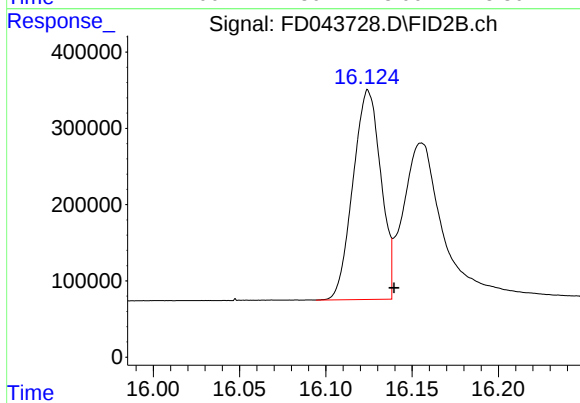
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.019 min
Response: 3184496
Conc: 22.26 ug/ml



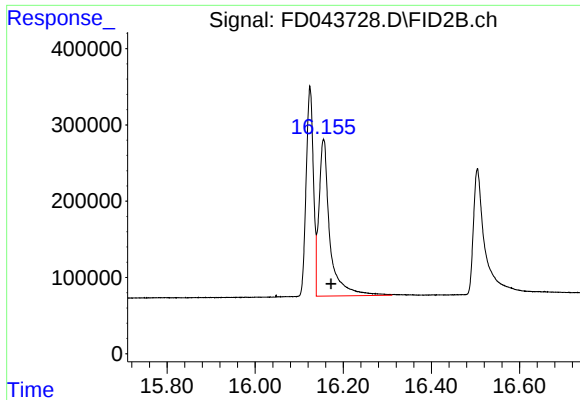
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: -0.017 min
Response: 3896163
Conc: 20.19 ug/ml



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

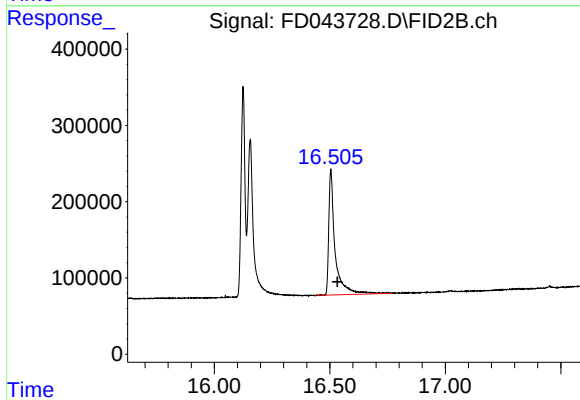
R.T.: 16.124 min
Delta R.T.: -0.016 min
Response: 3101533
Conc: 21.49 ug/ml m



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

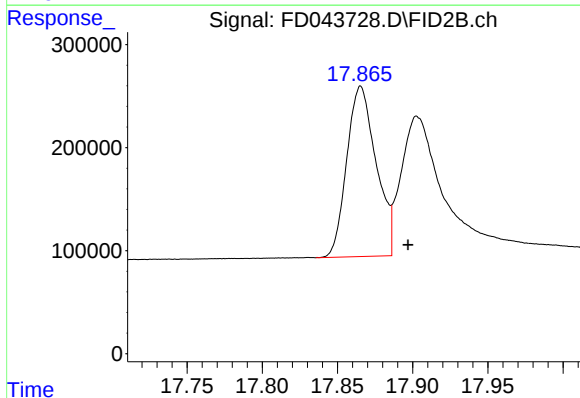
R.T.: 16.155 min
Delta R.T.: -0.017 min
Response: 3553927
Conc: 20.66 ug/ml

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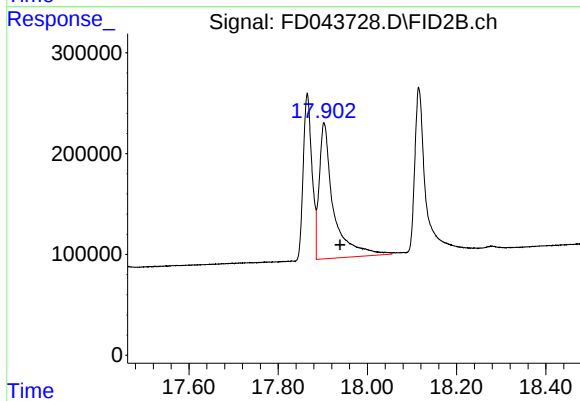
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.505 min
Delta R.T.: -0.028 min
Response: 3152914
Conc: 21.71 ug/ml



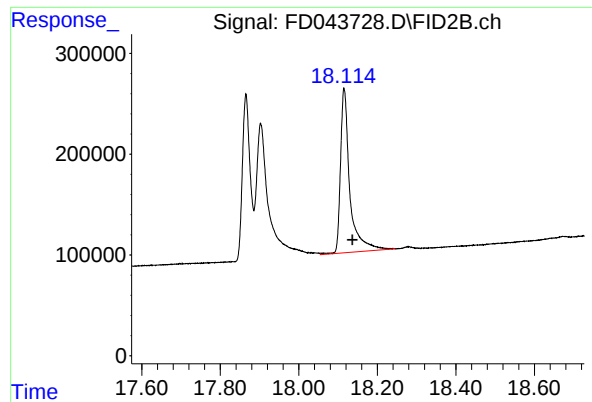
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.865 min
Delta R.T.: -0.032 min
Response: 2249051
Conc: 21.75 ug/ml m



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

R.T.: 17.904 min
Delta R.T.: -0.035 min
Response: 3018028
Conc: 21.45 ug/ml



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

R.T.: 18.116 min
Delta R.T.: -0.020 min
Response: 2694178
Conc: 21.16 ug/ml

Instrument :

FID_D

ClientSampleId :

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