

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051123AR\
 Data File : FD045647.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2023 13:04
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 12 01:10:12 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	3348097	19.629 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
6) S 2-Fluorobiphenyl (SURR)	8.396	2275172	19.789 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.58%
11) S ortho-Terphenyl (SURR)	11.435	4224489	20.010 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.349	3654084	19.576 ug/ml
2) T Naphthalene (C11.7)	5.879	3860376	19.626 ug/ml
3) T 2-Methylnaphthalene (...)	6.928	3893908	19.711 ug/ml
5) T Acenaphthylene (C15.06)	8.200	3553180	19.777 ug/ml
7) T Acenaphthene (C15.5)	8.495	3779507	19.861 ug/ml
8) T Fluorene (C16.55)	9.274	3752801	19.899 ug/ml
9) T Phenanthrene (C19.36)	10.664	3686709	19.834 ug/ml
10) T Anthracene (C19.43)	10.738	3350151	18.740 ug/ml
12) T Fluoranthene (C21.85)	12.468	3652834	20.249 ug/ml
13) T Pyrene (C20.8)	12.763	3549905	20.255 ug/ml
14) T Benzo[a]anthracene (C...	14.627	3212459	20.183 ug/ml
15) T Chrysene (C27.41)	14.669	3301495	20.332 ug/ml
16) T benzo[b]fluoranthene ...	16.168	3034215	20.602 ug/ml
17) T Bnezo[k]fluoranthene ...	16.201	3015695	20.857 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.543	2859655	20.510 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.900	2628011	20.685 ug/ml
20) T Dibenz[a,h]anthracene...	17.941	2714803	21.138 ug/ml
21) T Benzo[g,h,i]perylene ...	18.153	2678842	20.827 ug/ml

(f)=RT Delta > 1/2 Window

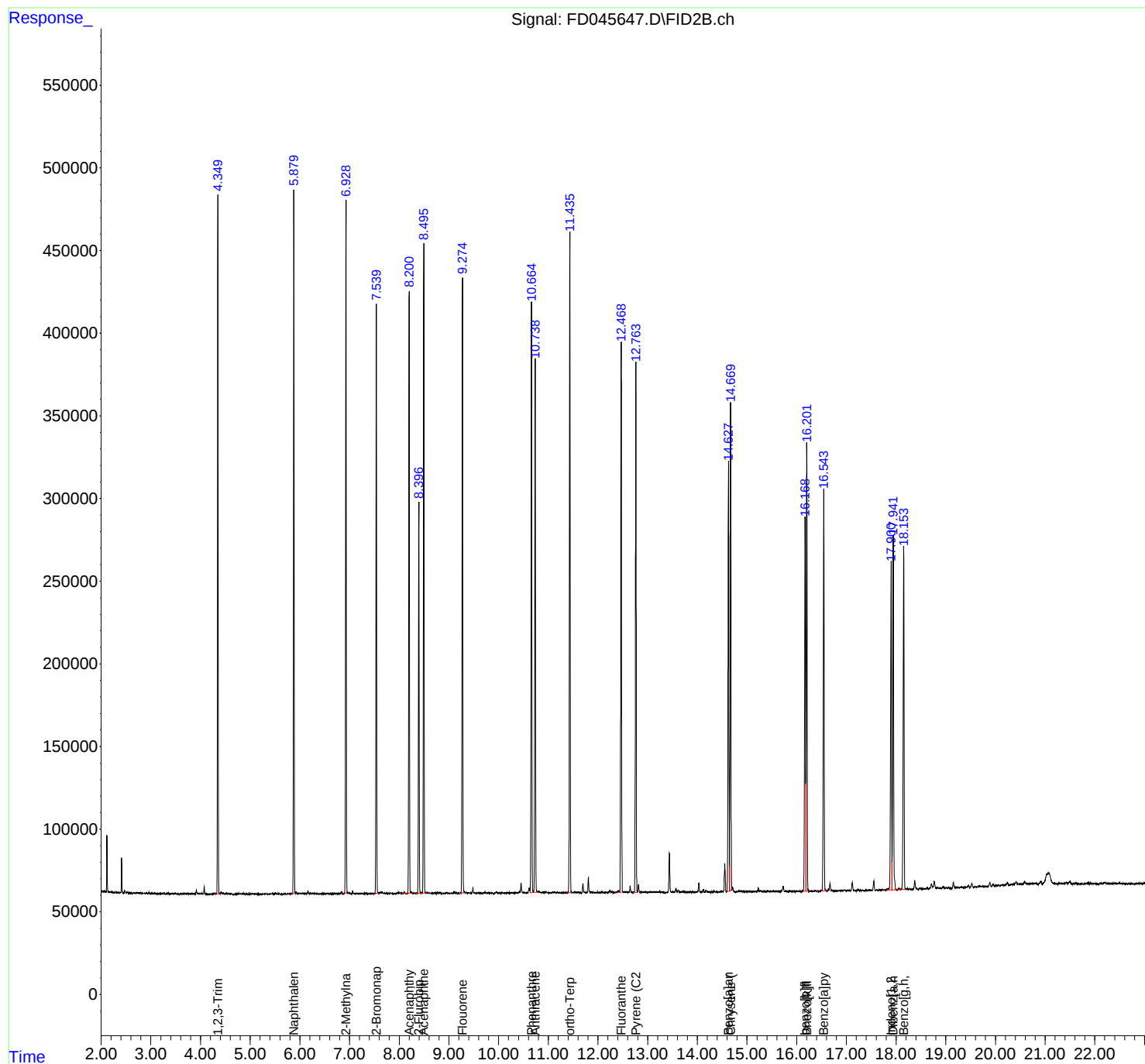
(m)=manual int.

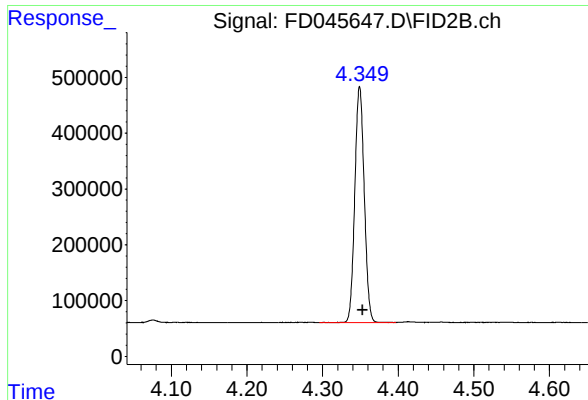
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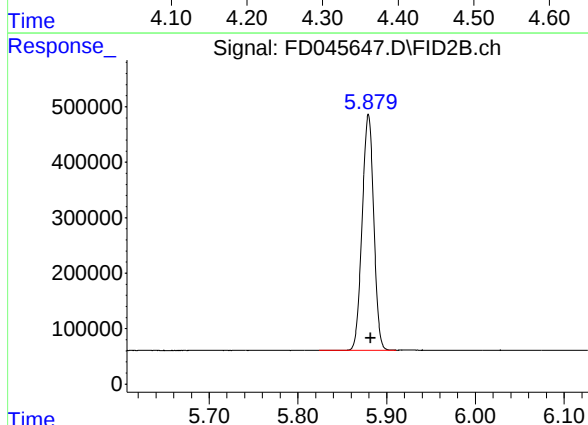




#1 1,2,3-Trimethylbenzene (C10.1)

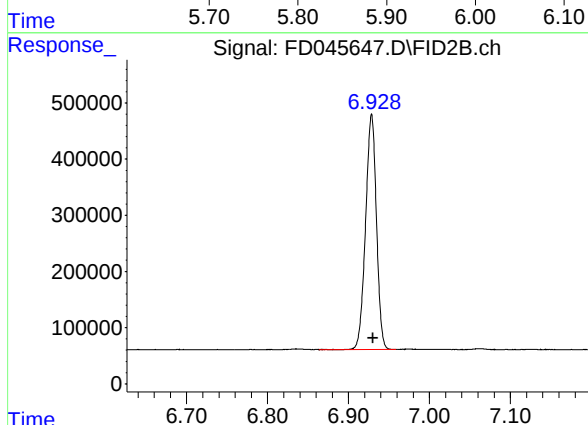
R.T.: 4.349 min
Delta R.T.: -0.004 min
Response: 3654084
Conc: 19.58 ug/ml

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20 PPM AROMATIC HC STD



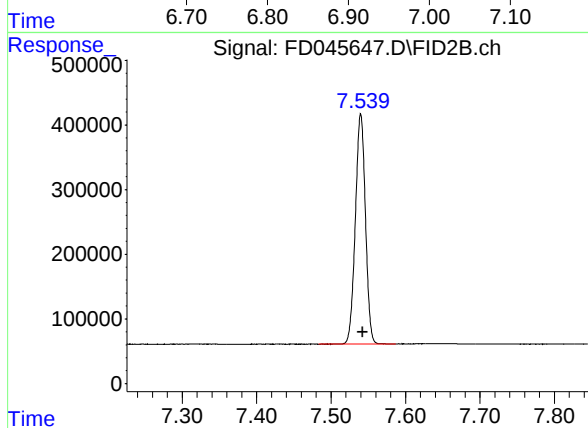
#2 Naphthalene (C11.7)

R.T.: 5.879 min
Delta R.T.: -0.002 min
Response: 3860376
Conc: 19.63 ug/ml



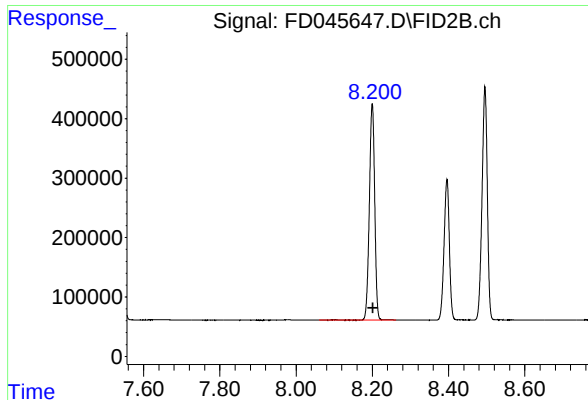
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.928 min
Delta R.T.: -0.002 min
Response: 3893908
Conc: 19.71 ug/ml



#4 2-Bromonaphthalene (SURR)

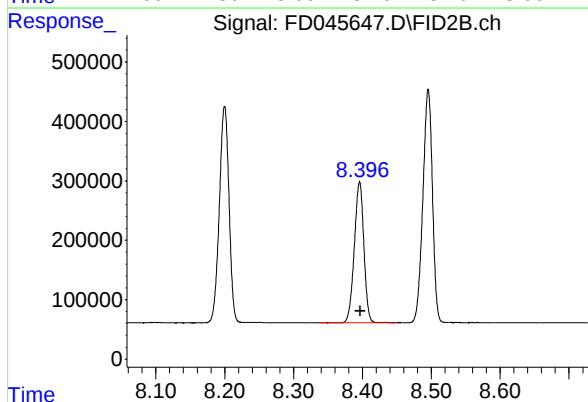
R.T.: 7.540 min
Delta R.T.: -0.002 min
Response: 3348097
Conc: 19.63 ug/ml



#5 Acenaphthylene (C15.06)

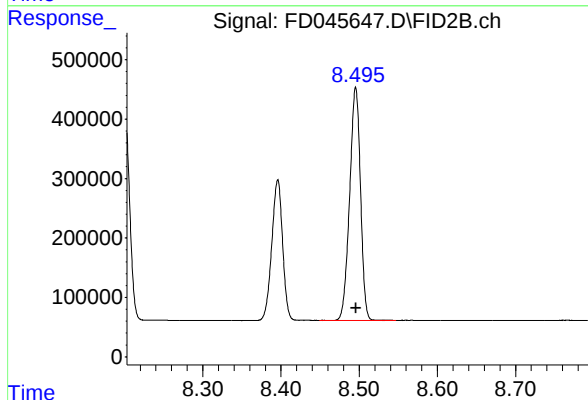
R.T.: 8.200 min
Delta R.T.: -0.001 min
Response: 3553180
Conc: 19.78 ug/ml

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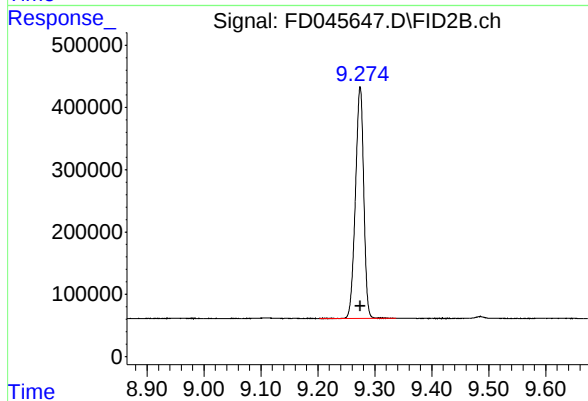
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 2275172
Conc: 19.79 ug/ml



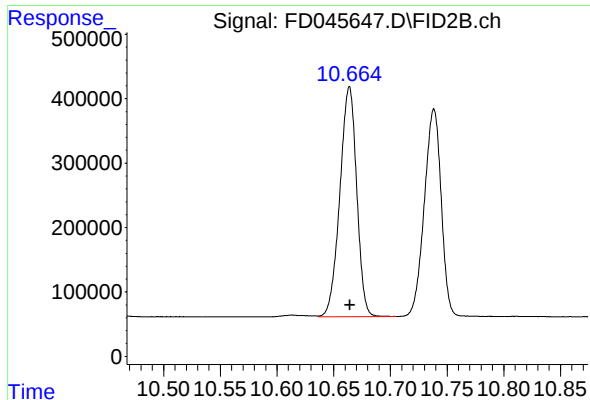
#7 Acenaphthene (C15.5)

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 3779507
Conc: 19.86 ug/ml



#8 Fluorene (C16.55)

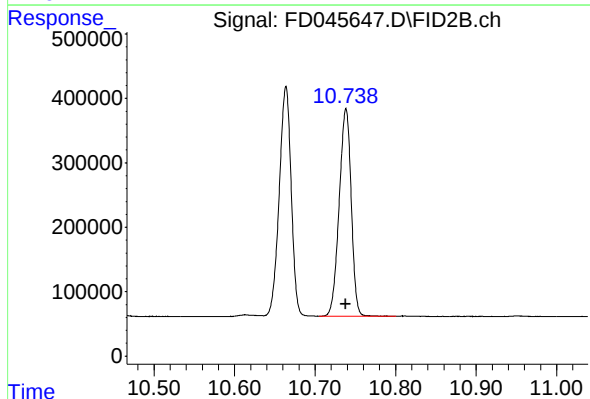
R.T.: 9.274 min
Delta R.T.: 0.000 min
Response: 3752801
Conc: 19.90 ug/ml



#9 Phenanthrene (C19.36)

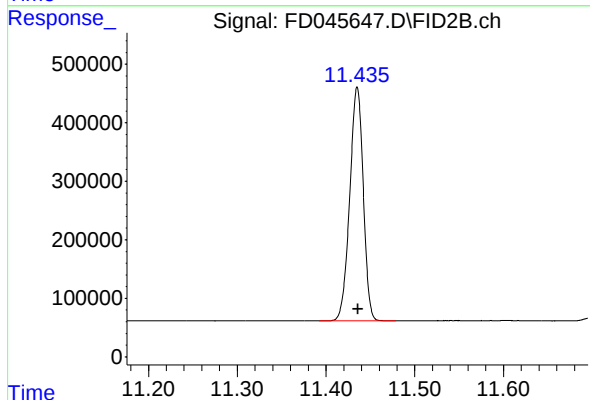
R.T.: 10.664 min
Delta R.T.: 0.000 min
Response: 3686709
Conc: 19.83 ug/ml

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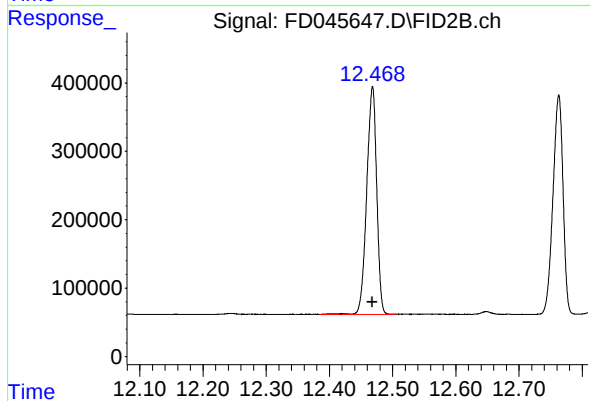
#10 Anthracene (C19.43)

R.T.: 10.738 min
Delta R.T.: 0.000 min
Response: 3350151
Conc: 18.74 ug/ml



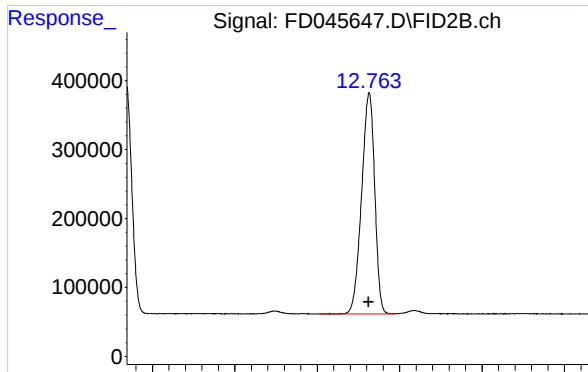
#11 ortho-Terphenyl (SURR)

R.T.: 11.435 min
Delta R.T.: -0.001 min
Response: 4224489
Conc: 20.01 ug/ml



#12 Fluoranthene (C21.85)

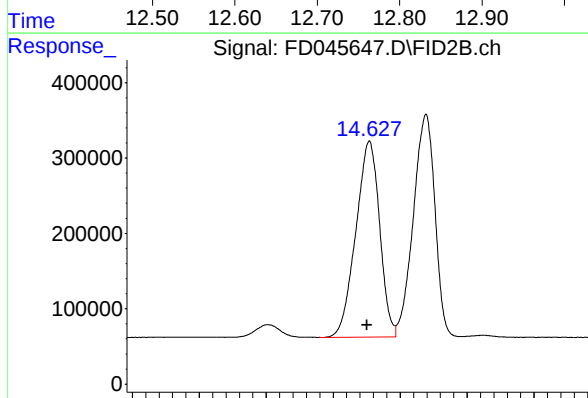
R.T.: 12.468 min
Delta R.T.: 0.000 min
Response: 3652834
Conc: 20.25 ug/ml



#13 Pyrene (C20.8)

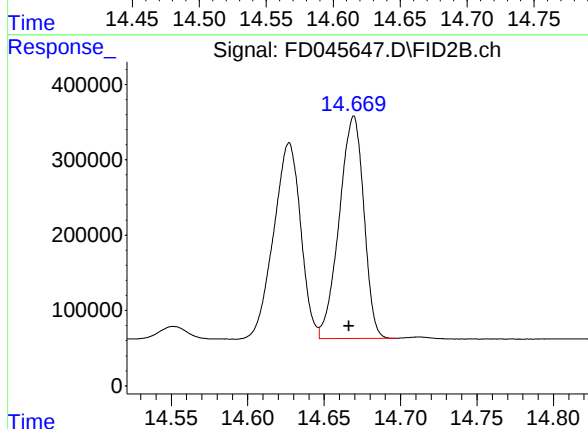
R.T.: 12.763 min
Delta R.T.: 0.000 min
Response: 3549905
Conc: 20.26 ug/ml

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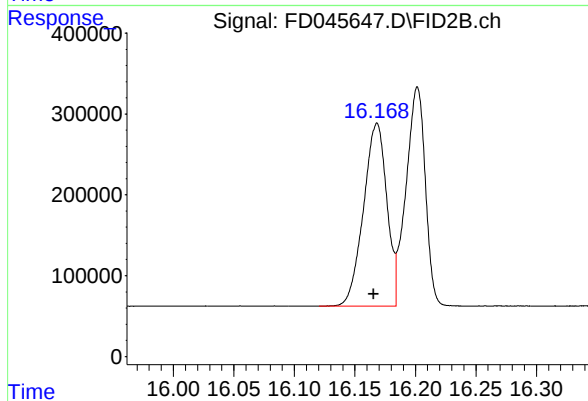
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.627 min
Delta R.T.: 0.002 min
Response: 3212459
Conc: 20.18 ug/ml



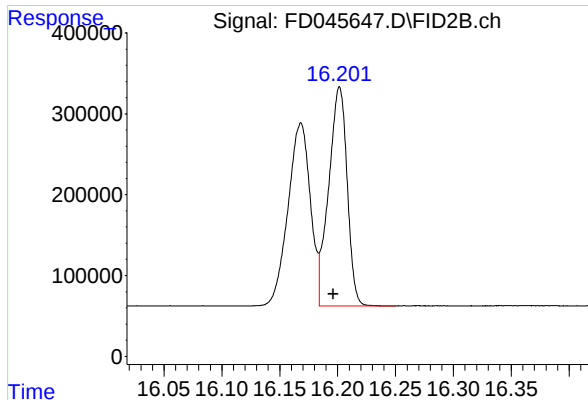
#15 Chrysene (C27.41)

R.T.: 14.669 min
Delta R.T.: 0.003 min
Response: 3301495
Conc: 20.33 ug/ml



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

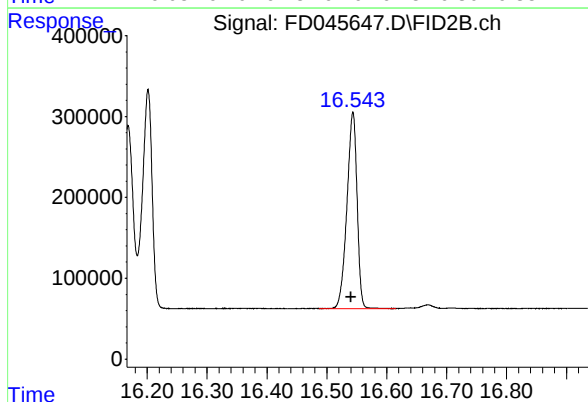
R.T.: 16.168 min
Delta R.T.: 0.002 min
Response: 3034215
Conc: 20.60 ug/ml



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

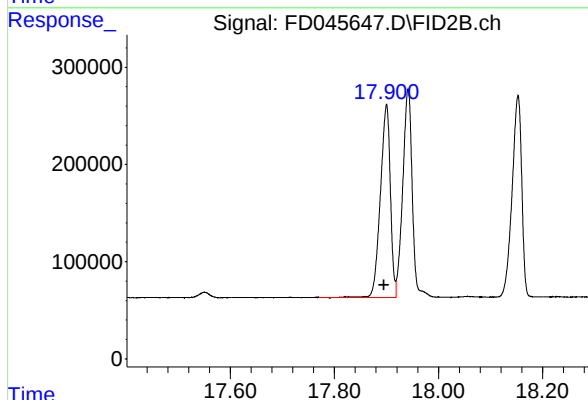
R.T.: 16.201 min
Delta R.T.: 0.005 min
Response: 3015695
Conc: 20.86 ug/ml

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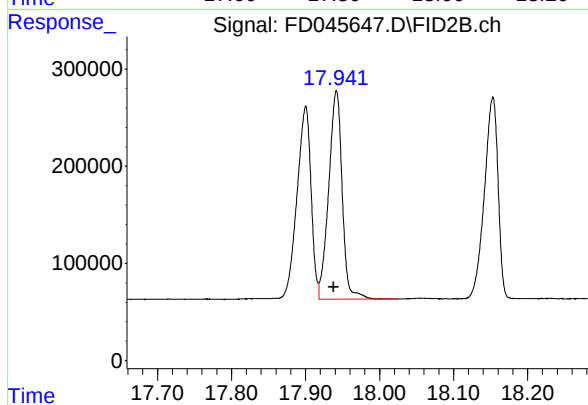
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.543 min
Delta R.T.: 0.003 min
Response: 2859655
Conc: 20.51 ug/ml



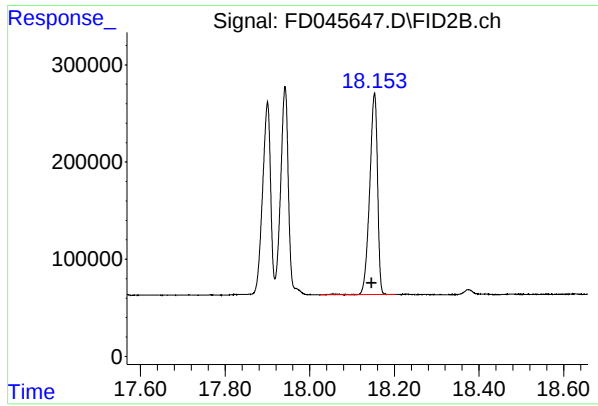
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.900 min
Delta R.T.: 0.005 min
Response: 2628011
Conc: 20.68 ug/ml



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

R.T.: 17.941 min
Delta R.T.: 0.003 min
Response: 2714803
Conc: 21.14 ug/ml



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

R.T.: 18.153 min
Delta R.T.: 0.007 min
Response: 2678842
Conc: 20.83 ug/ml

Instrument :

FID_D

ClientSampleId :

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