

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110823AR\
 Data File : FD046868.D
 Signal(s) : FID2B.ch
 Acq On : 08 Nov 2023 19:46
 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: Nov 08 23:09:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:49:53 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...	7.481	3765409	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
6) S 2-Fluorobiphenyl (SURR)	8.334	2446122	20.786 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.57%
11) S ortho-Terphenyl (SURR)	11.372	4447927	21.005 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.295	3926792	20.333 ug/ml
2) T Naphthalene (C11.7)	5.821	4071201	20.331 ug/ml
3) T 2-Methylnaphthalene (...)	6.869	4138623	20.592 ug/ml
5) T Acenaphthylene (C15.06)	8.138	3765120	20.471 ug/ml
7) T Acenaphthene (C15.5)	8.433	4054636	20.699 ug/ml
8) T Fluorene (C16.55)	9.211	3895924	21.063 ug/ml
9) T Phenanthrene (C19.36)	10.599	3720294	20.912 ug/ml
10) T Anthracene (C19.43)	10.673	3141561	18.434 ug/ml
12) T Fluoranthene (C21.85)	12.402	3633733	21.040 ug/ml
13) T Pyrene (C20.8)	12.695	3508737	21.102 ug/ml
14) T Benzo[a]anthracene (C...	14.560	2921244	20.763 ug/ml
15) T Chrysene (C27.41)	14.601	3195639	20.491 ug/ml
16) T benzo[b]fluoranthene ...	16.101	2971255	20.760 ug/ml
17) T Bnezo[k]fluoranthene ...	16.133	2994761	20.455 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.475	2866779	20.453 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.832	2695004	21.333 ug/ml
20) T Dibenz[a,h]anthracene...	17.873	2907891	20.815 ug/ml
21) T Benzo[g,h,i]perylene ...	18.084	2860264	20.485 ug/ml

(f)=RT Delta > 1/2 Window

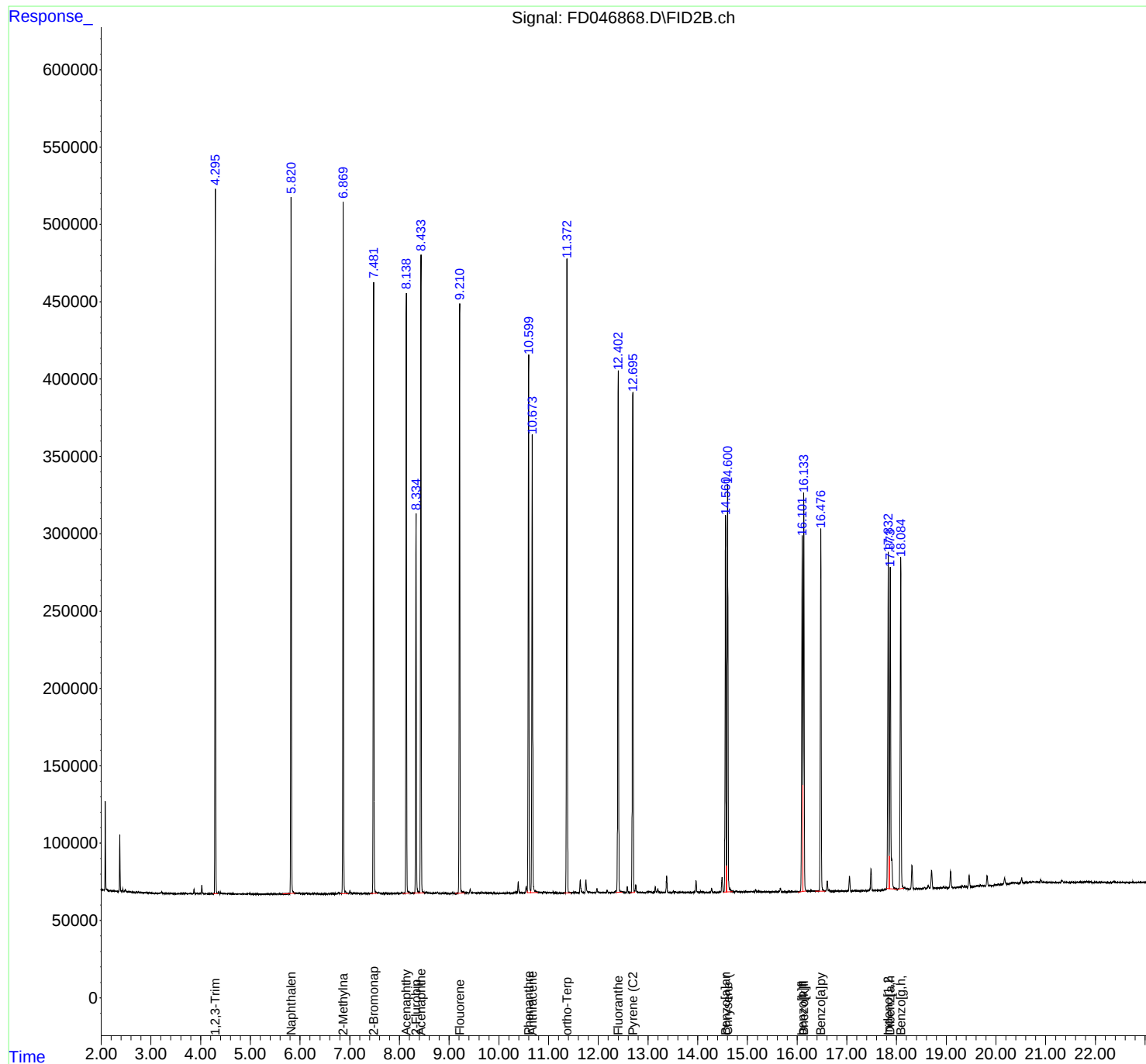
(m)=manual int.

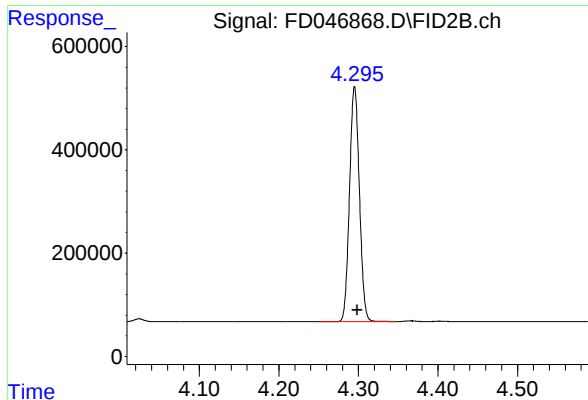
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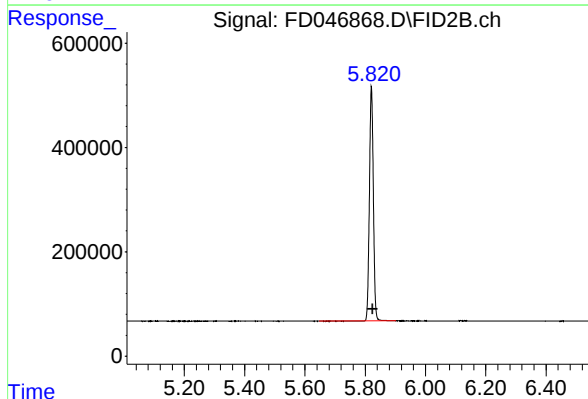




#1 1,2,3-Trimethylbenzene (C10.1)

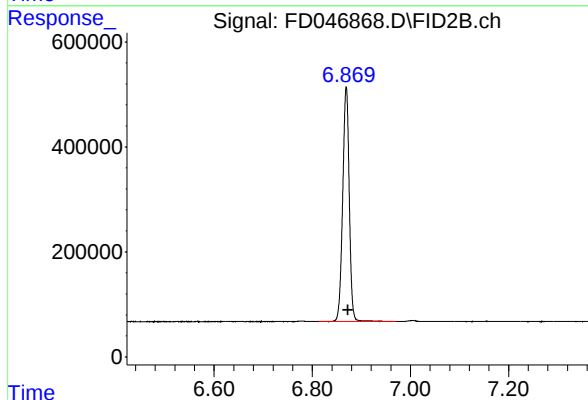
R.T.: 4.295 min
Delta R.T.: -0.004 min
Response: 3926792
Conc: 20.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



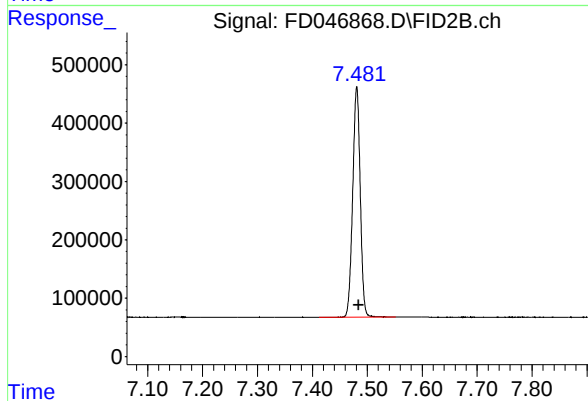
#2 Naphthalene (C11.7)

R.T.: 5.821 min
Delta R.T.: -0.004 min
Response: 4071201
Conc: 20.33 ug/ml



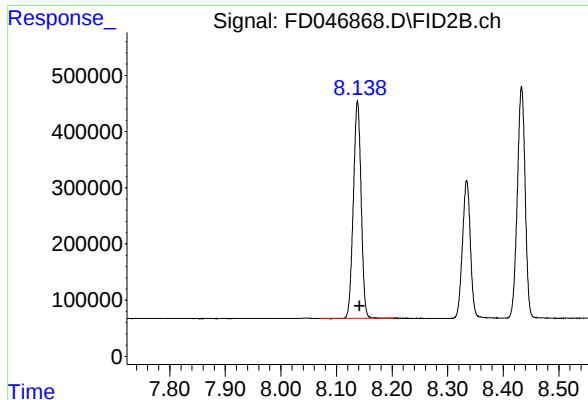
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 4138623
Conc: 20.59 ug/ml



#4 2-Bromonaphthalene (SURR)

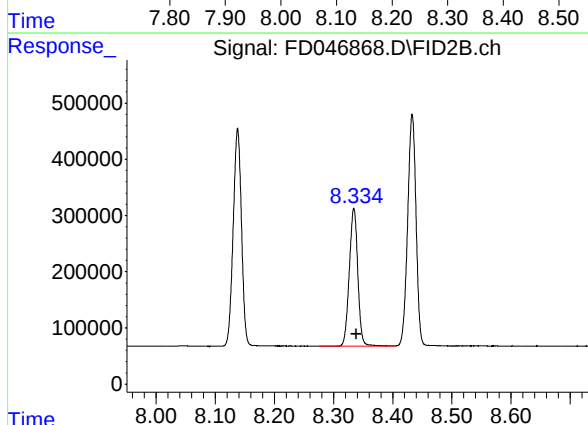
R.T.: 7.481 min
Delta R.T.: -0.004 min
Response: 3765409
Conc: 20.65 ug/ml



#5 Acenaphthylene (C15.06)

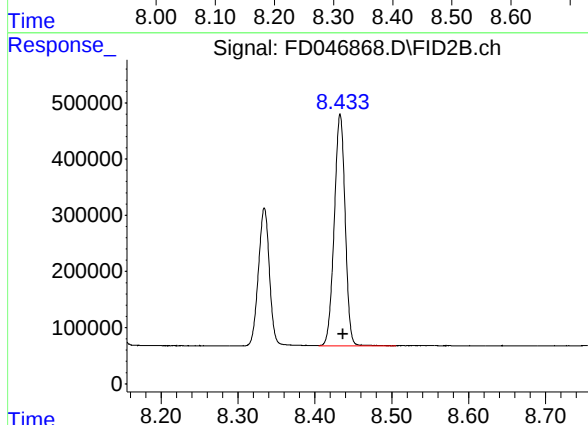
R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 3765120
Conc: 20.47 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



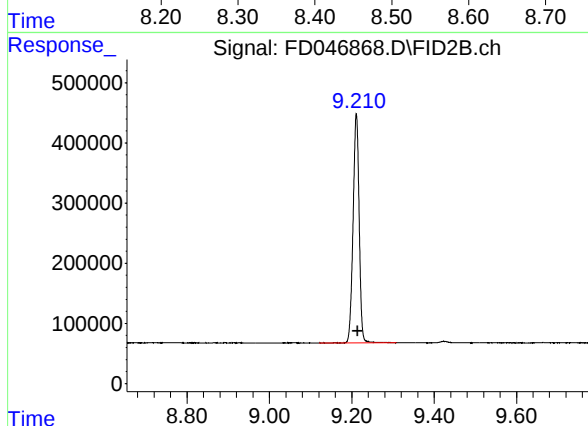
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.334 min
Delta R.T.: -0.004 min
Response: 2446122
Conc: 20.79 ug/ml



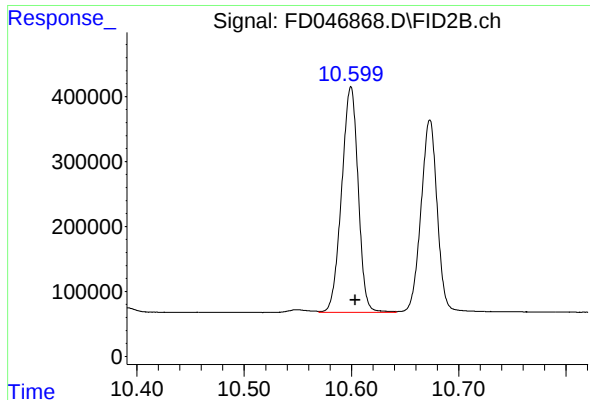
#7 Acenaphthene (C15.5)

R.T.: 8.433 min
Delta R.T.: -0.004 min
Response: 4054636
Conc: 20.70 ug/ml



#8 Fluorene (C16.55)

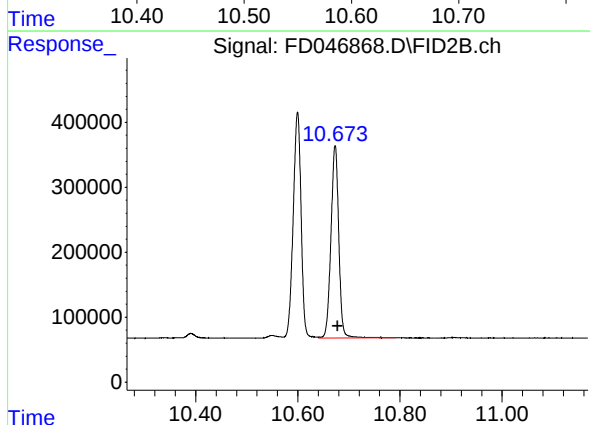
R.T.: 9.211 min
Delta R.T.: -0.004 min
Response: 3895924
Conc: 21.06 ug/ml



#9 Phenanthrene (C19.36)

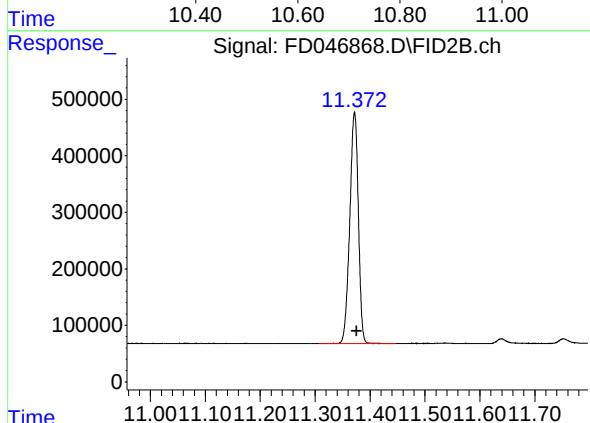
R.T.: 10.599 min
Delta R.T.: -0.004 min
Response: 3720294
Conc: 20.91 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



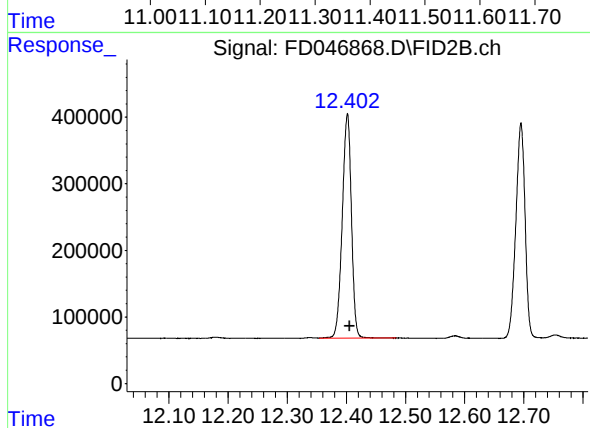
#10 Anthracene (C19.43)

R.T.: 10.673 min
Delta R.T.: -0.005 min
Response: 3141561
Conc: 18.43 ug/ml



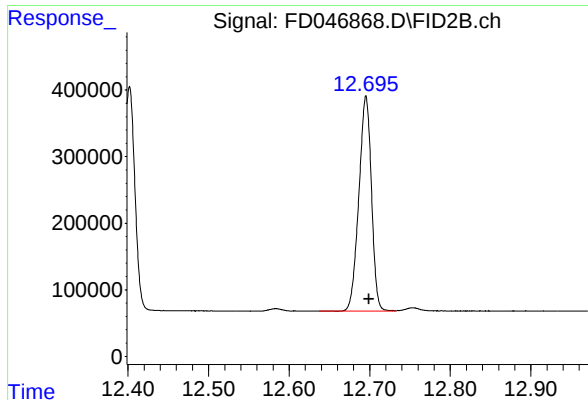
#11 ortho-Terphenyl (SURR)

R.T.: 11.372 min
Delta R.T.: -0.003 min
Response: 4447927
Conc: 21.00 ug/ml



#12 Fluoranthene (C21.85)

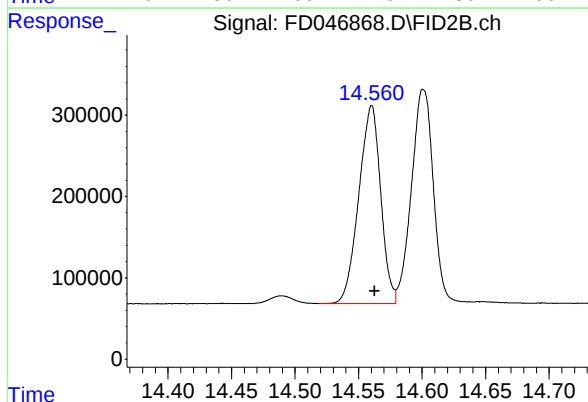
R.T.: 12.402 min
Delta R.T.: -0.004 min
Response: 3633733
Conc: 21.04 ug/ml



#13 Pyrene (C20.8)

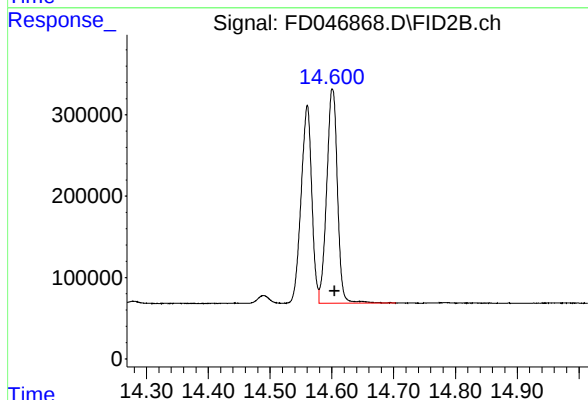
R.T.: 12.695 min
Delta R.T.: -0.004 min
Response: 3508737
Conc: 21.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



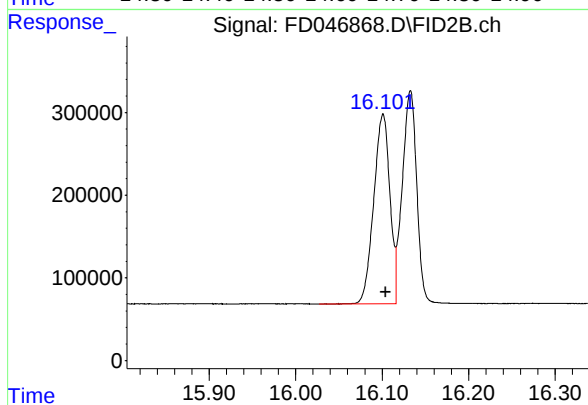
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: -0.003 min
Response: 2921244
Conc: 20.76 ug/ml



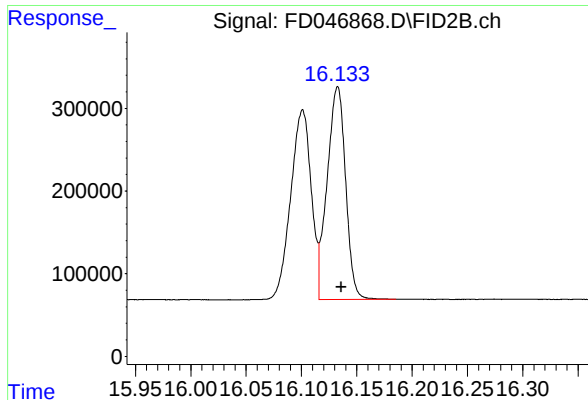
#15 Chrysene (C27.41)

R.T.: 14.601 min
Delta R.T.: -0.004 min
Response: 3195639
Conc: 20.49 ug/ml



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

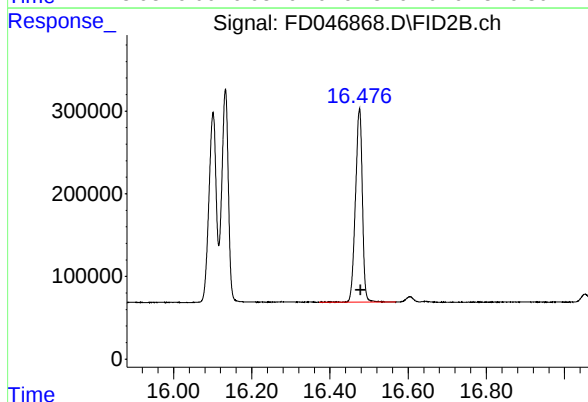
R.T.: 16.101 min
Delta R.T.: -0.003 min
Response: 2971255
Conc: 20.76 ug/ml



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

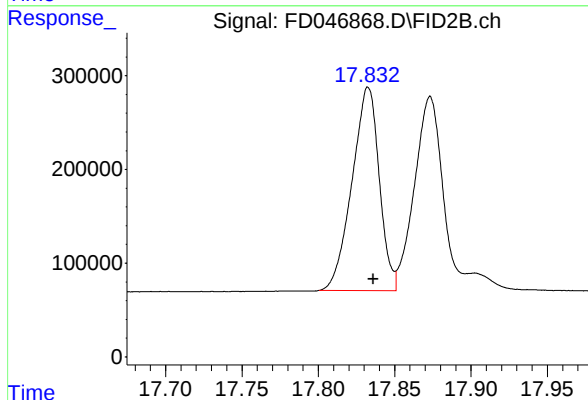
R.T.: 16.133 min
Delta R.T.: -0.003 min
Response: 2994761
Conc: 20.46 ug/ml

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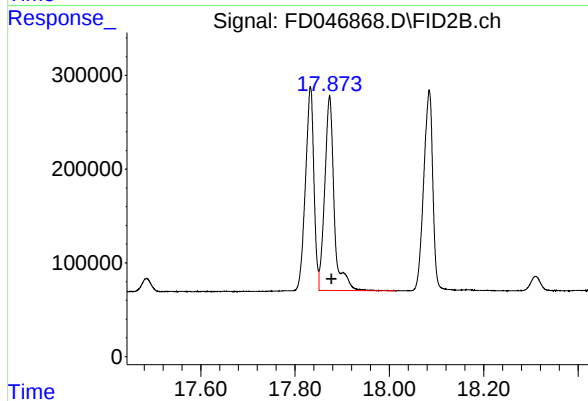
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.475 min
Delta R.T.: -0.003 min
Response: 2866779
Conc: 20.45 ug/ml



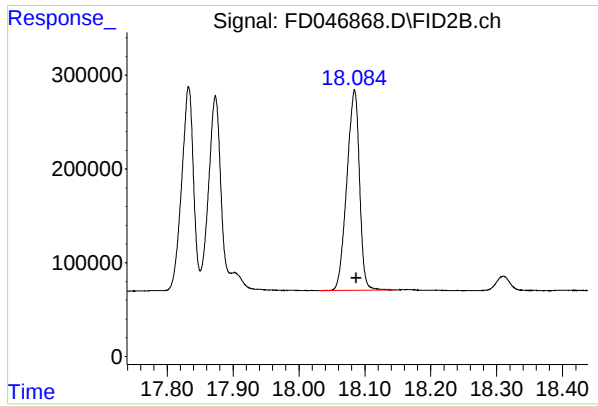
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.832 min
Delta R.T.: -0.003 min
Response: 2695004
Conc: 21.33 ug/ml



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

R.T.: 17.873 min
Delta R.T.: -0.004 min
Response: 2907891
Conc: 20.81 ug/ml



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

R.T.: 18.084 min

Delta R.T.: -0.003 min

Response: 2860264

Conc: 20.49 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD