

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091923AR\
 Data File : FD046538.D
 Signal(s) : FID2B.ch
 Acq On : 19 Sep 2023 11:38
 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 19 12:09:55 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...	7.491	3649719	20.710 ug/ml
Spiked Amount 50.000		Recovery =	41.42%
6) S 2-Fluorobiphenyl (SURR)	8.344	2401074	20.724 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.45%
11) S ortho-Terphenyl (SURR)	11.382	4254338	20.882 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	3805575	20.604 ug/ml
2) T Naphthalene (C11.7)	5.831	3993003	20.664 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	4028997	20.791 ug/ml
5) T Acenaphthylene (C15.06)	8.148	3669662	20.812 ug/ml
7) T Acenaphthene (C15.5)	8.444	3907264	20.795 ug/ml
8) T Fluorene (C16.55)	9.222	3774177	20.922 ug/ml
9) T Phenanthrene (C19.36)	10.610	3664343	20.841 ug/ml
10) T Anthracene (C19.43)	10.684	3464810	22.558 ug/ml
12) T Fluoranthene (C21.85)	12.413	3571096	20.952 ug/ml
13) T Pyrene (C20.8)	12.707	3462512	21.107 ug/ml
14) T Benzo[a]anthracene (C...	14.570	2911972	20.854 ug/ml
15) T Chrysene (C27.41)	14.612	3077740	20.275 ug/ml
16) T benzo[b]fluoranthene ...	16.111	2873438	20.948 ug/ml
17) T Bnezo[k]fluoranthene ...	16.143	2892619	20.882 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.486	2771743	20.719 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.842	2571933	20.518 ug/ml
20) T Dibenz[a,h]anthracene...	17.884	2750080	20.666 ug/ml
21) T Benzo[g,h,i]perylene ...	18.094	2689169	20.392 ug/ml

(f)=RT Delta > 1/2 Window

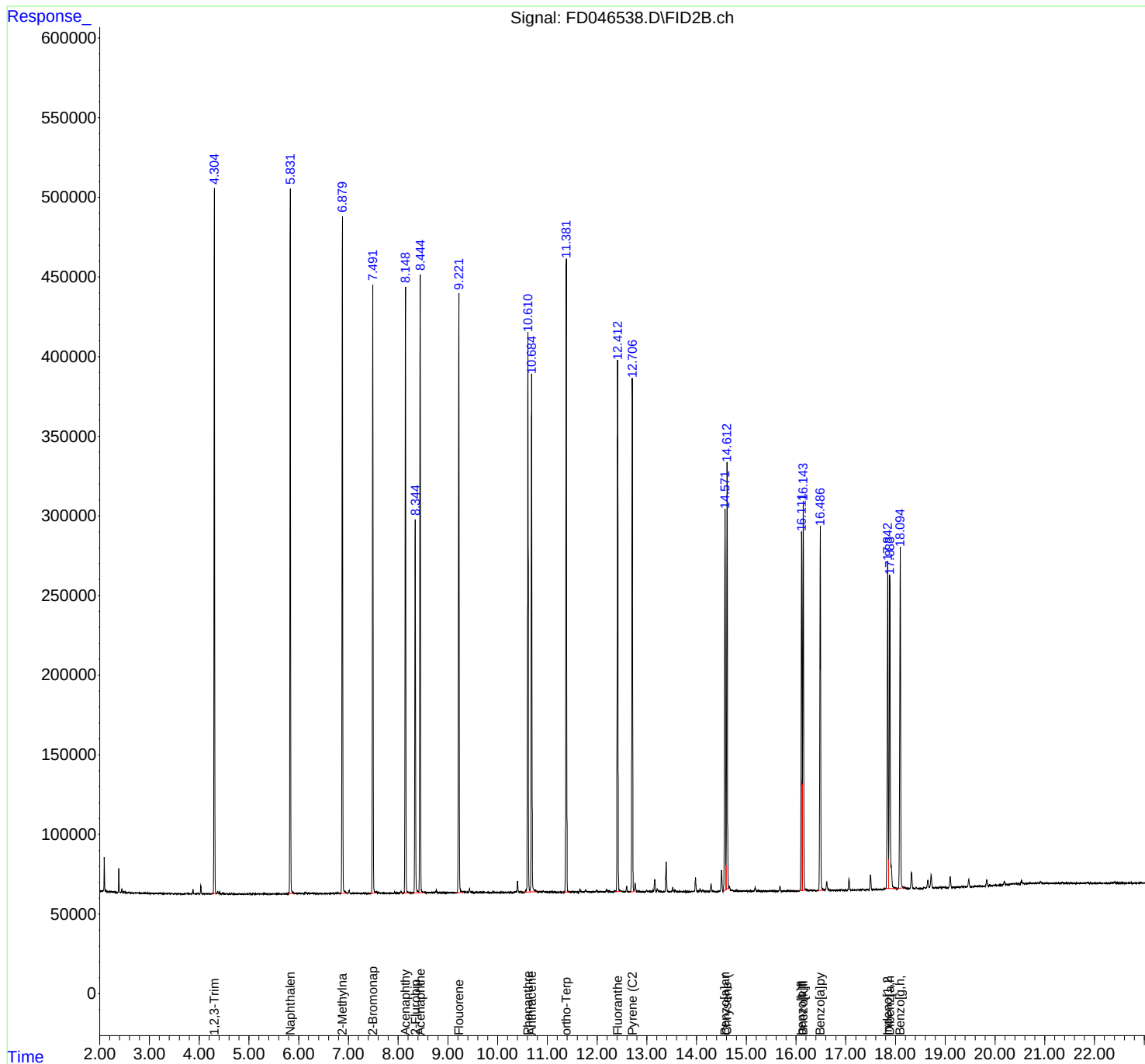
(m)=manual int.

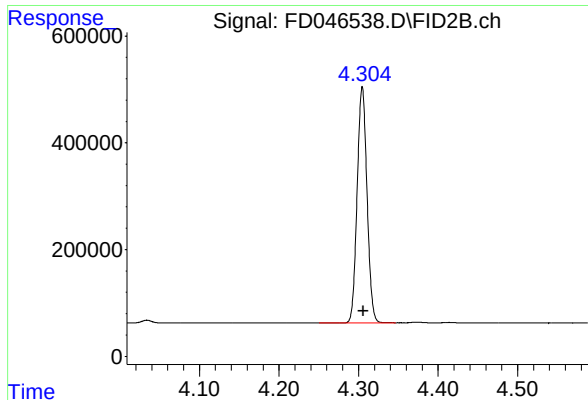
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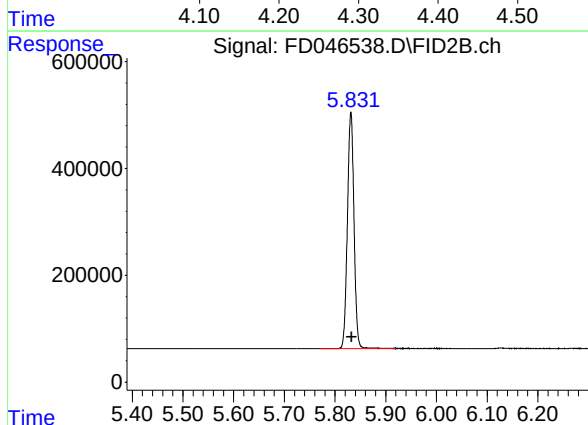




#1 1,2,3-Trimethylbenzene (C10.1)

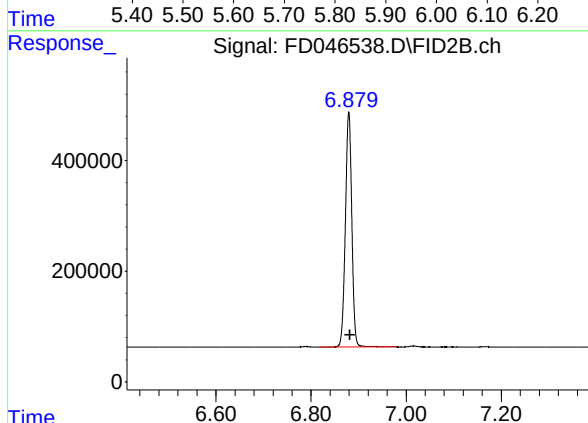
R.T.: 4.305 min
Delta R.T.: -0.001 min
Response: 3805575
Conc: 20.60 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



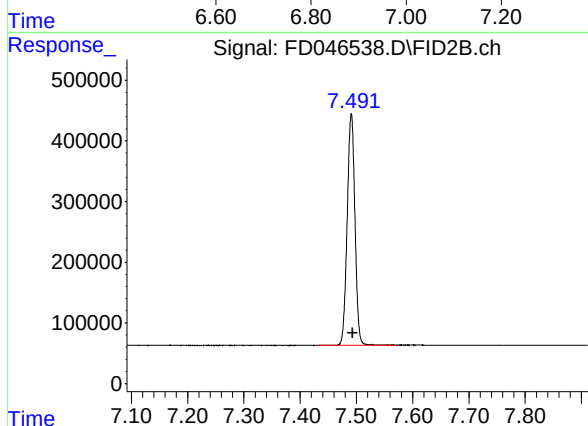
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 3993003
Conc: 20.66 ug/ml



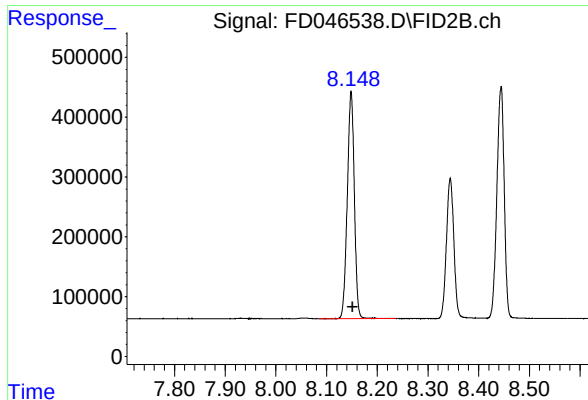
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 4028997
Conc: 20.79 ug/ml



#4 2-Bromonaphthalene (SURR)

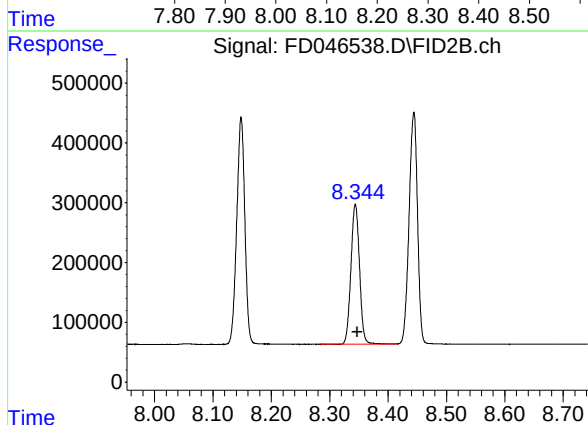
R.T.: 7.491 min
Delta R.T.: -0.003 min
Response: 3649719
Conc: 20.71 ug/ml



#5 Acenaphthylene (C15.06)

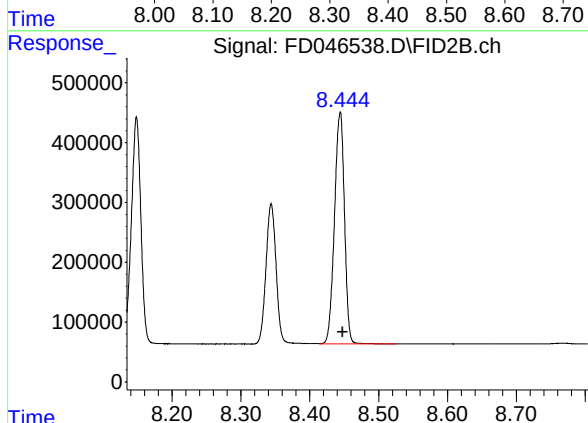
R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 3669662
Conc: 20.81 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



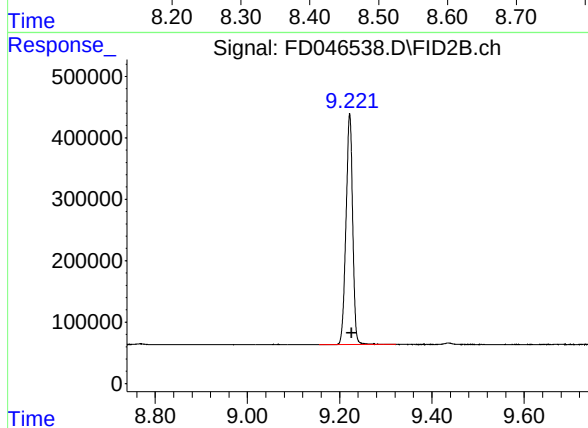
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 2401074
Conc: 20.72 ug/ml



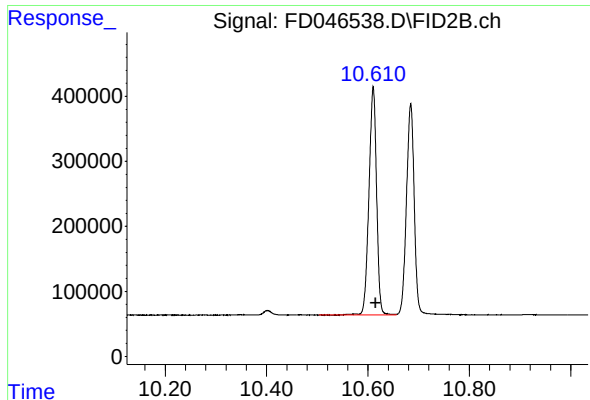
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: -0.004 min
Response: 3907264
Conc: 20.80 ug/ml



#8 Fluorene (C16.55)

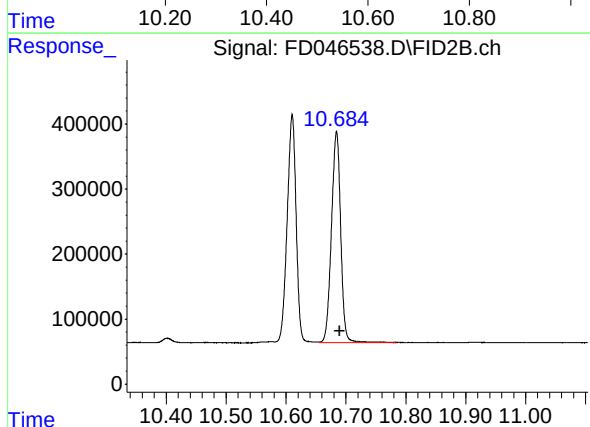
R.T.: 9.222 min
Delta R.T.: -0.004 min
Response: 3774177
Conc: 20.92 ug/ml



#9 Phenanthrene (C19.36)

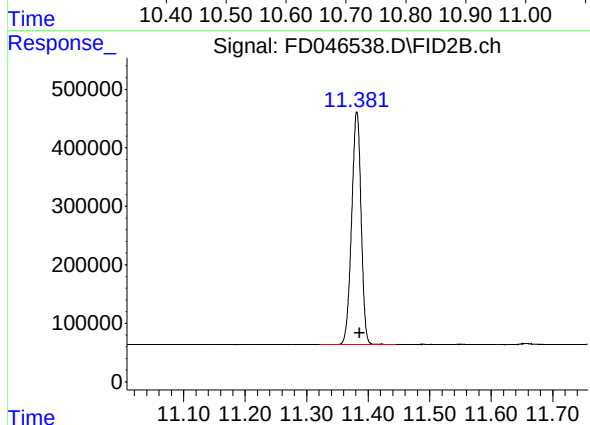
R.T.: 10.610 min
Delta R.T.: -0.005 min
Response: 3664343
Conc: 20.84 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



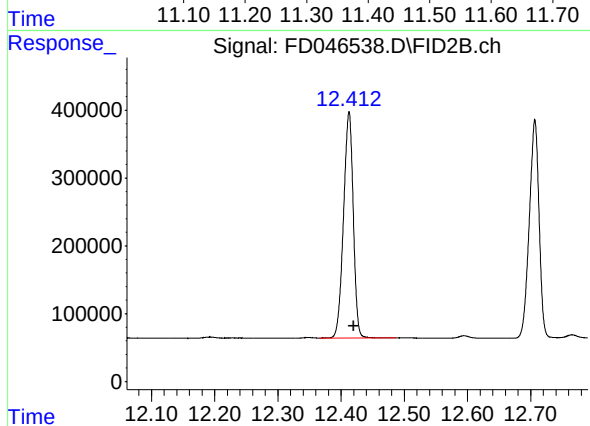
#10 Anthracene (C19.43)

R.T.: 10.684 min
Delta R.T.: -0.005 min
Response: 3464810
Conc: 22.56 ug/ml



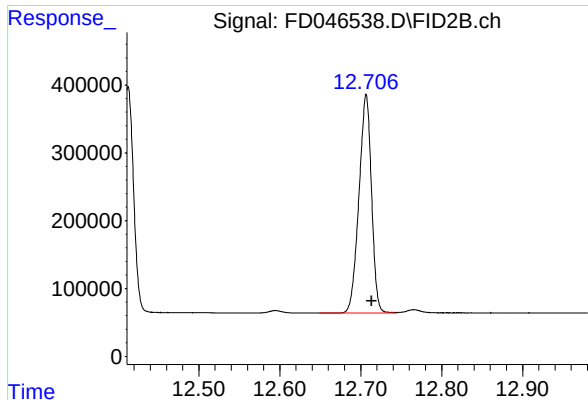
#11 ortho-Terphenyl (SURRE)

R.T.: 11.382 min
Delta R.T.: -0.005 min
Response: 4254338
Conc: 20.88 ug/ml



#12 Fluoranthene (C21.85)

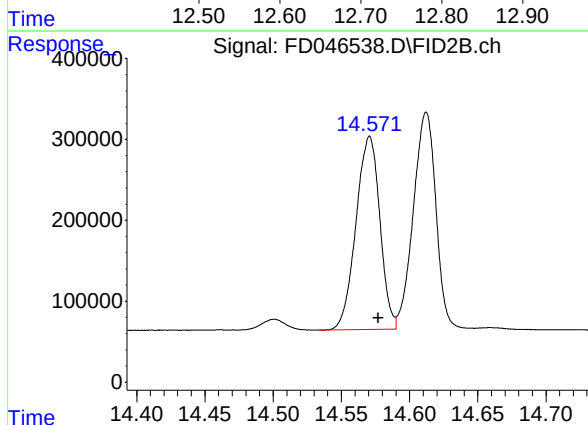
R.T.: 12.413 min
Delta R.T.: -0.007 min
Response: 3571096
Conc: 20.95 ug/ml



#13 Pyrene (C20.8)

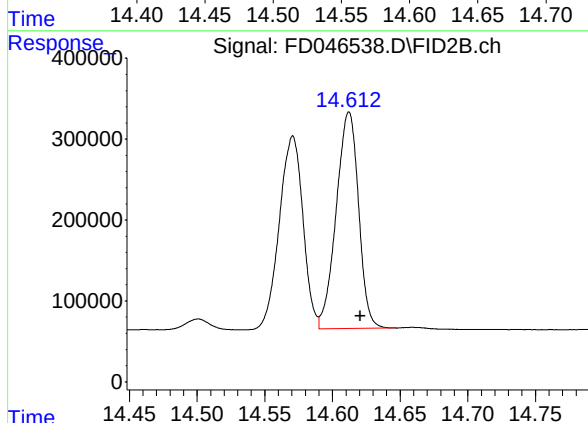
R.T.: 12.707 min
Delta R.T.: -0.007 min
Response: 3462512
Conc: 21.11 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



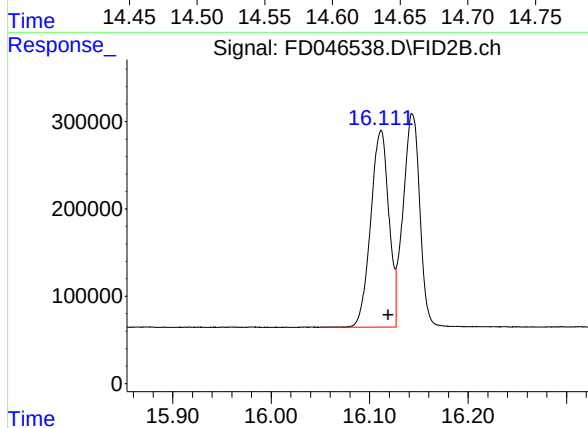
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.570 min
Delta R.T.: -0.007 min
Response: 2911972
Conc: 20.85 ug/ml



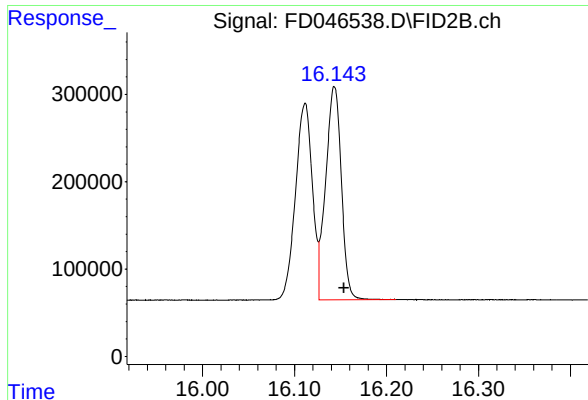
#15 Chrysene (C27.41)

R.T.: 14.612 min
Delta R.T.: -0.009 min
Response: 3077740
Conc: 20.27 ug/ml



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

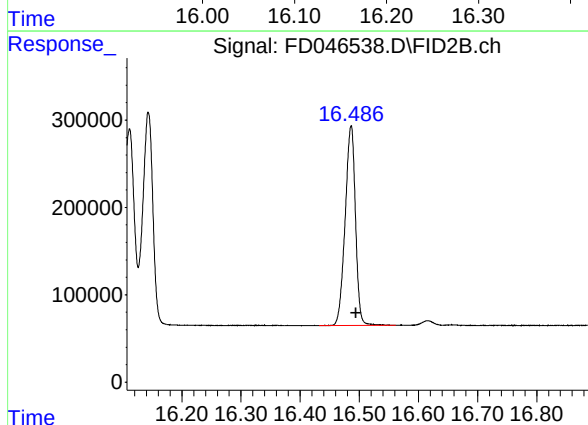
R.T.: 16.111 min
Delta R.T.: -0.008 min
Response: 2873438
Conc: 20.95 ug/ml



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

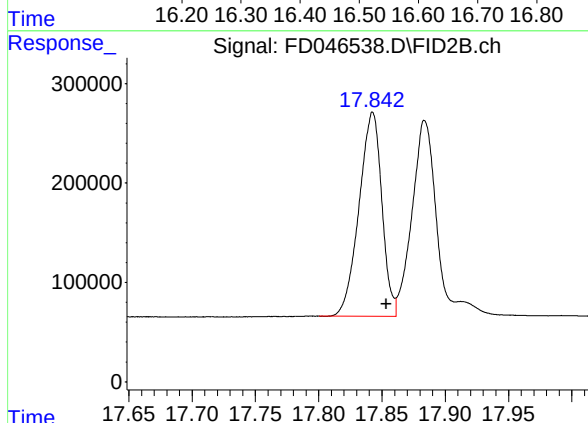
R.T.: 16.143 min
Delta R.T.: -0.010 min
Response: 2892619
Conc: 20.88 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



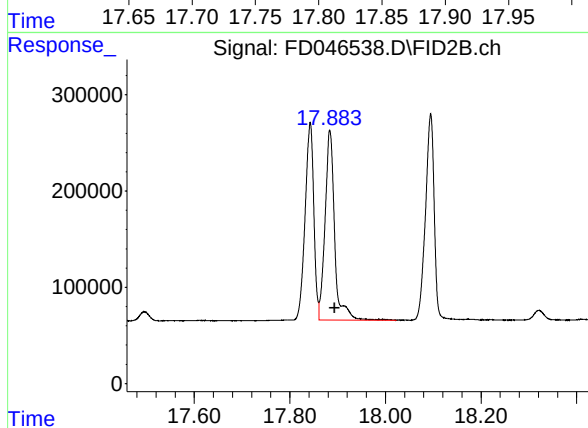
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.486 min
Delta R.T.: -0.009 min
Response: 2771743
Conc: 20.72 ug/ml



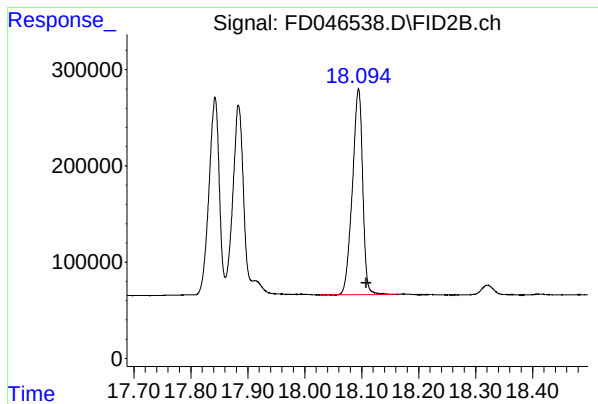
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.842 min
Delta R.T.: -0.011 min
Response: 2571933
Conc: 20.52 ug/ml



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

R.T.: 17.884 min
Delta R.T.: -0.010 min
Response: 2750080
Conc: 20.67 ug/ml



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

R.T.: 18.094 min

Delta R.T.: -0.014 min

Response: 2689169

Conc: 20.39 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD