

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080323AR\
 Data File : FD046253.D
 Signal(s) : FID2B.ch
 Acq On : 03 Aug 2023 10:36
 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: Aug 04 05:09:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.502	3408417	22.802 ug/ml
Spiked Amount 50.000		Recovery =	45.60%
6) S 2-Fluorobiphenyl (SURR)	8.356	2114612	22.589 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.18%
11) S ortho-Terphenyl (SURR)	11.394	4028734	23.069 ug/ml
Spiked Amount 50.000		Recovery =	46.14%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.315	4156954	22.816 ug/ml
2) T Naphthalene (C11.7)	5.843	4116089	22.789 ug/ml
3) T 2-Methylnaphthalene (...)	6.891	4007503	22.770 ug/ml
5) T Acenaphthylene (C15.06)	8.160	3417689	22.400 ug/ml
7) T Acenaphthene (C15.5)	8.456	3697966	22.678 ug/ml
8) T Fluorene (C16.55)	9.234	3445223	22.642 ug/ml
9) T Phenanthrene (C19.36)	10.623	3207652	22.276 ug/ml
10) T Anthracene (C19.43)	10.696	2480759	18.956 ug/ml
12) T Fluoranthene (C21.85)	12.425	3137111	22.451 ug/ml
13) T Pyrene (C20.8)	12.719	3080264	22.225 ug/ml
14) T Benzo[a]anthracene (C...	14.583	2871740	21.878 ug/ml
15) T Chrysene (C27.41)	14.624	3091061	21.922 ug/ml
16) T benzo[b]fluoranthene ...	16.124	3072432	22.465 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	3010112	21.960 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	2907271	22.331 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	2529161	21.028 ug/ml
20) T Dibenz[a,h]anthracene...	17.897	2600255	20.331 ug/ml
21) T Benzo[g,h,i]perylene ...	18.107	2723333	21.466 ug/ml

(f)=RT Delta > 1/2 Window

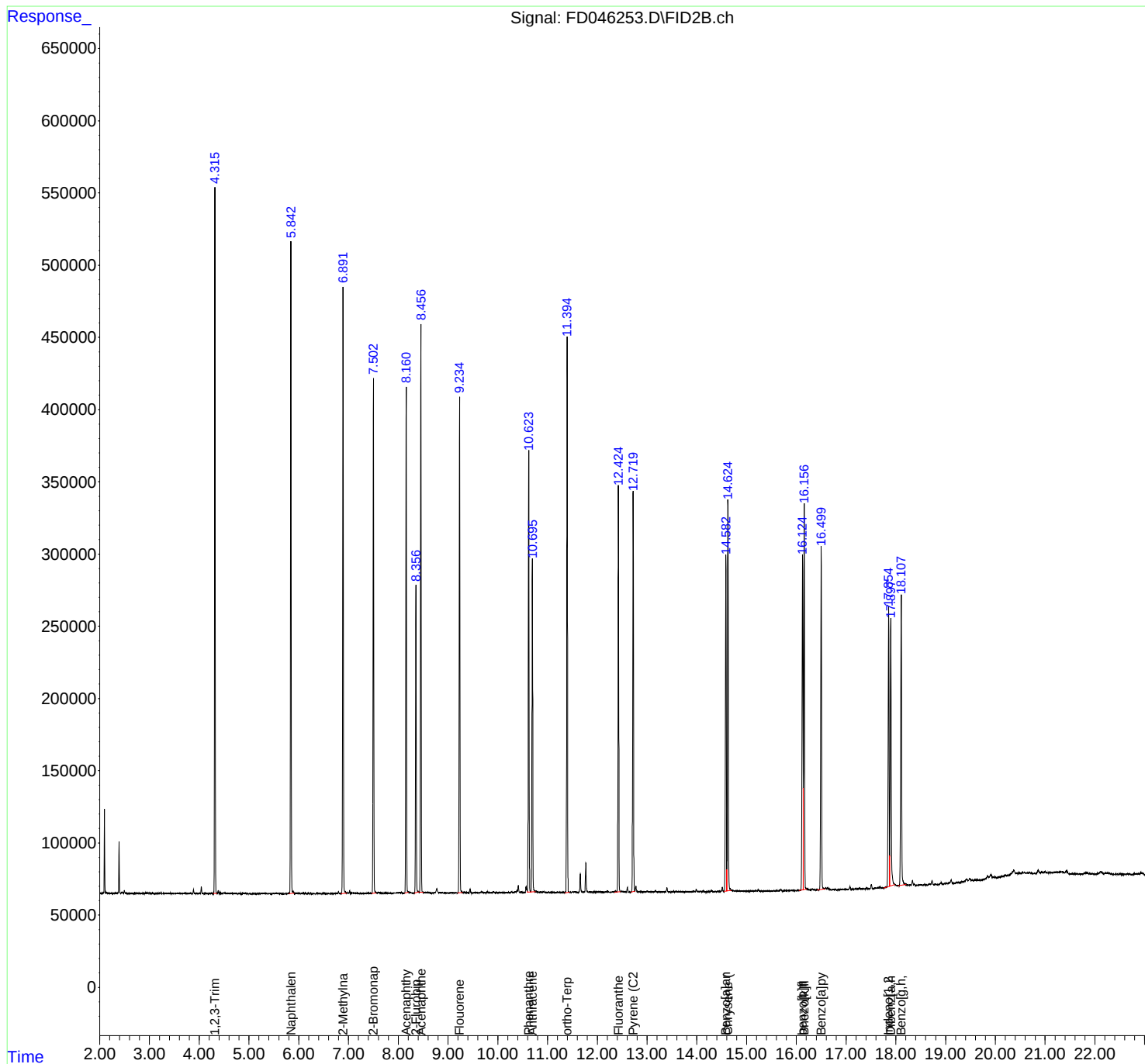
(m)=manual int.

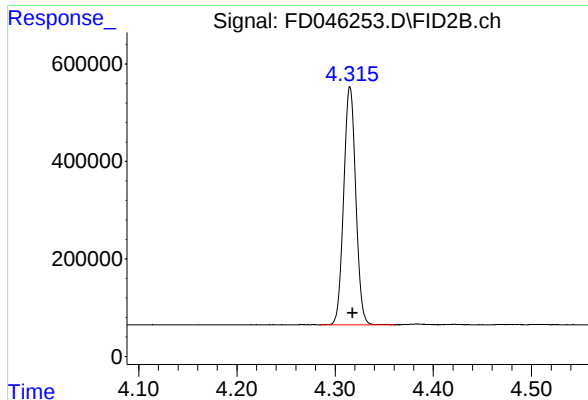
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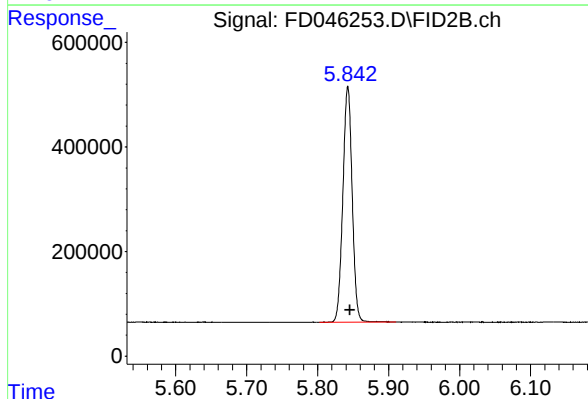




#1 1,2,3-Trimethylbenzene (C10.1)

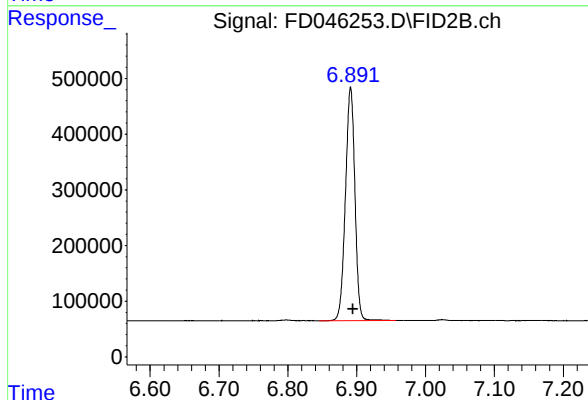
R.T.: 4.315 min
Delta R.T.: -0.003 min
Response: 4156954
Conc: 22.82 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



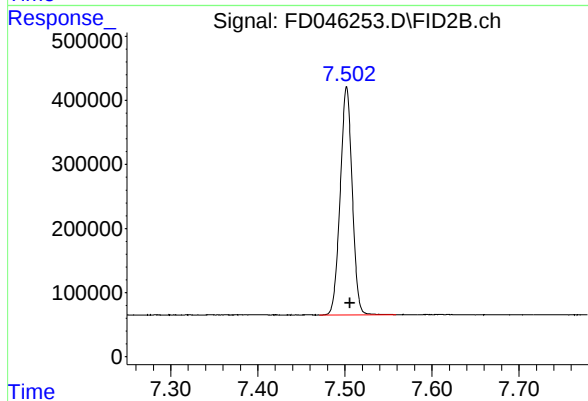
#2 Naphthalene (C11.7)

R.T.: 5.843 min
Delta R.T.: -0.003 min
Response: 4116089
Conc: 22.79 ug/ml



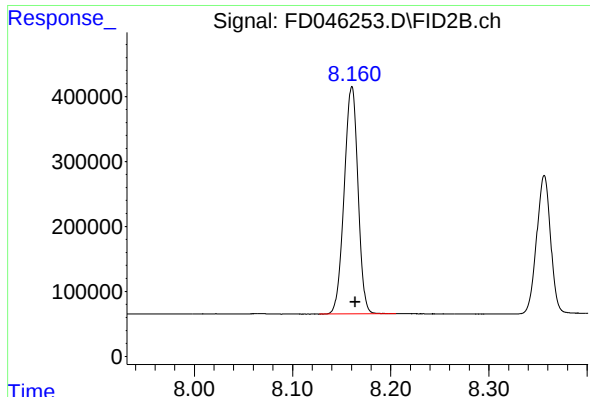
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.891 min
Delta R.T.: -0.003 min
Response: 4007503
Conc: 22.77 ug/ml



#4 2-Bromonaphthalene (SURR)

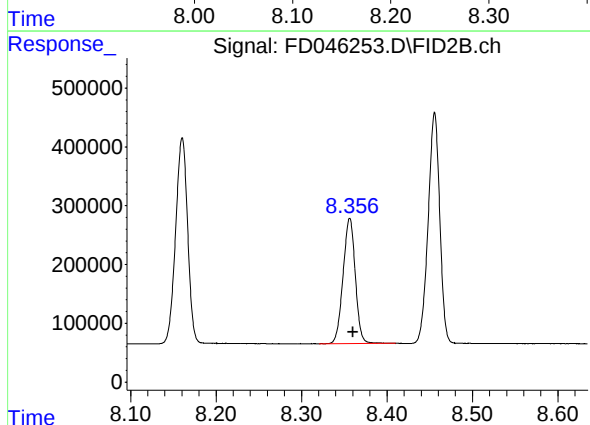
R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 3408417
Conc: 22.80 ug/ml



#5 Acenaphthylene (C15.06)

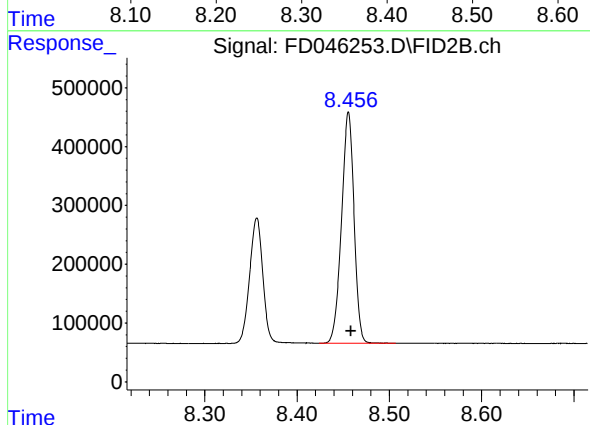
R.T.: 8.160 min
Delta R.T.: -0.004 min
Response: 3417689
Conc: 22.40 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



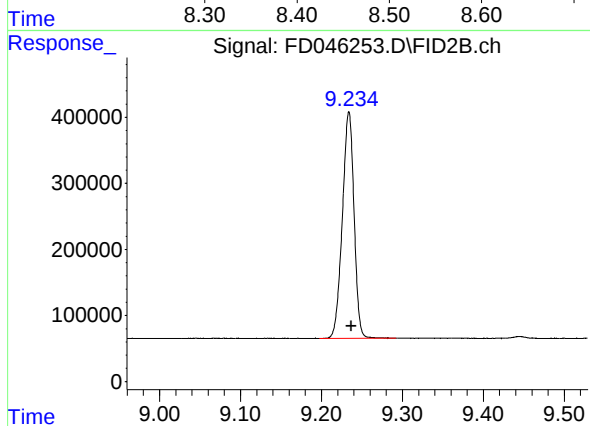
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.356 min
Delta R.T.: -0.004 min
Response: 2114612
Conc: 22.59 ug/ml



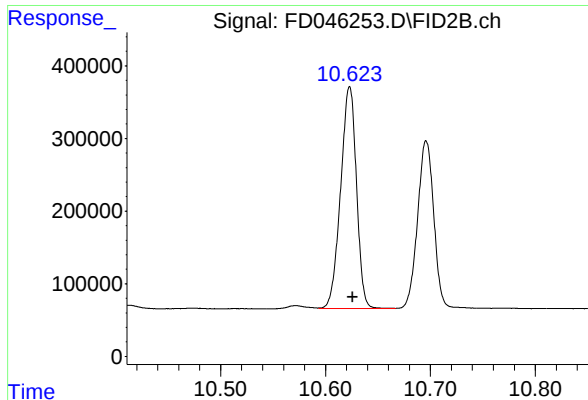
#7 Acenaphthene (C15.5)

R.T.: 8.456 min
Delta R.T.: -0.003 min
Response: 3697966
Conc: 22.68 ug/ml



#8 Flouorene (C16.55)

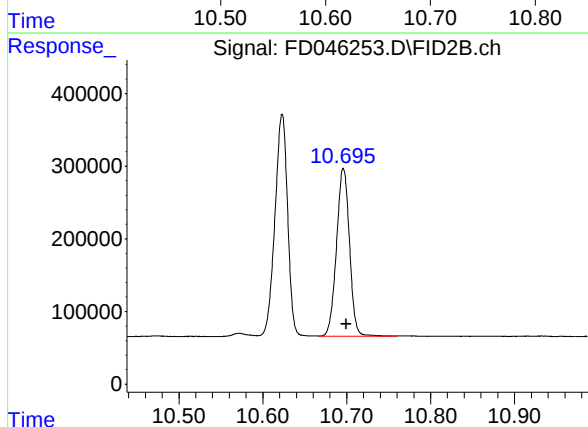
R.T.: 9.234 min
Delta R.T.: -0.003 min
Response: 3445223
Conc: 22.64 ug/ml



#9 Phenanthrene (C19.36)

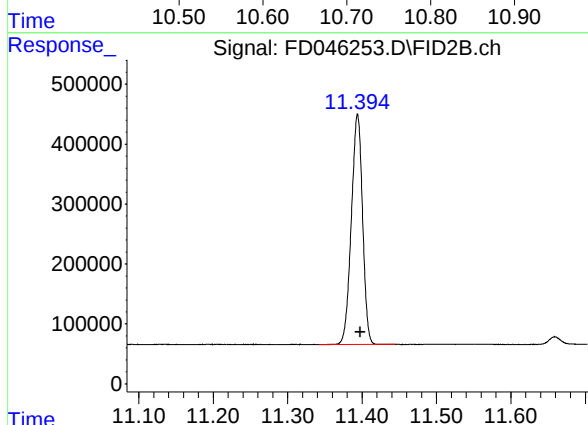
R.T.: 10.623 min
Delta R.T.: -0.003 min
Response: 3207652
Conc: 22.28 ug/ml

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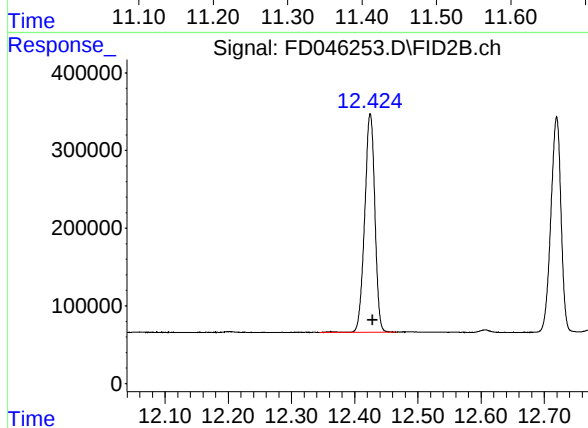
#10 Anthracene (C19.43)

R.T.: 10.696 min
Delta R.T.: -0.004 min
Response: 2480759
Conc: 18.96 ug/ml



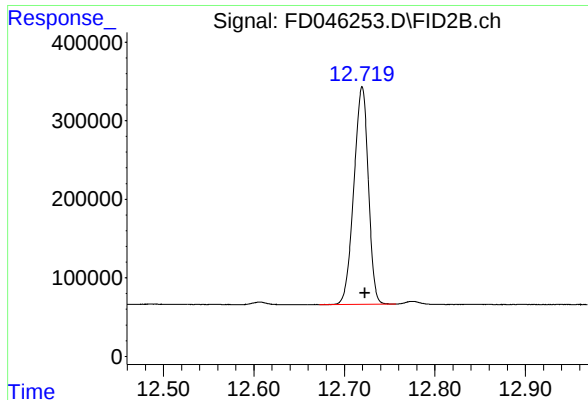
#11 ortho-Terphenyl (SURR)

R.T.: 11.394 min
Delta R.T.: -0.004 min
Response: 4028734
Conc: 23.07 ug/ml



#12 Fluoranthene (C21.85)

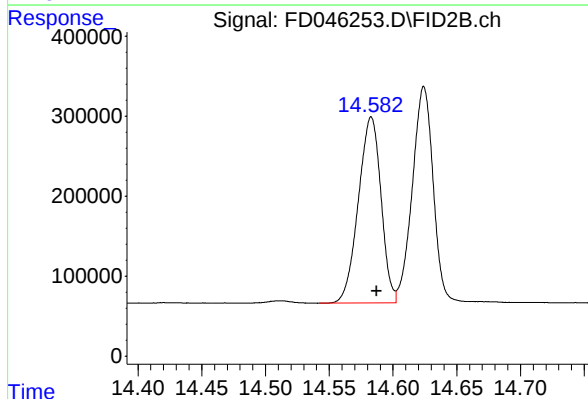
R.T.: 12.425 min
Delta R.T.: -0.004 min
Response: 3137111
Conc: 22.45 ug/ml



#13 Pyrene (C20.8)

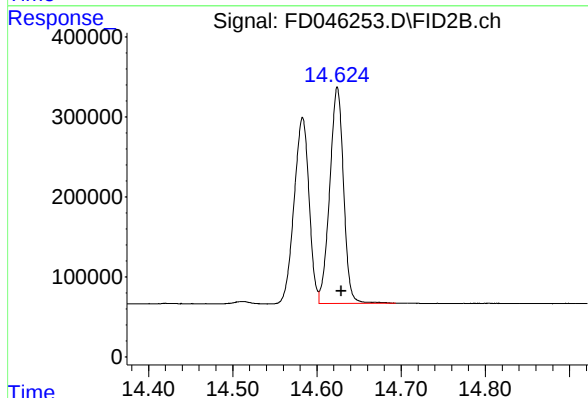
R.T.: 12.719 min
Delta R.T.: -0.003 min
Response: 3080264
Conc: 22.22 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



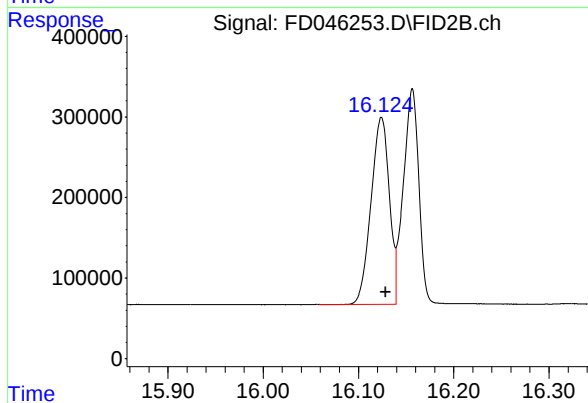
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.583 min
Delta R.T.: -0.004 min
Response: 2871740
Conc: 21.88 ug/ml



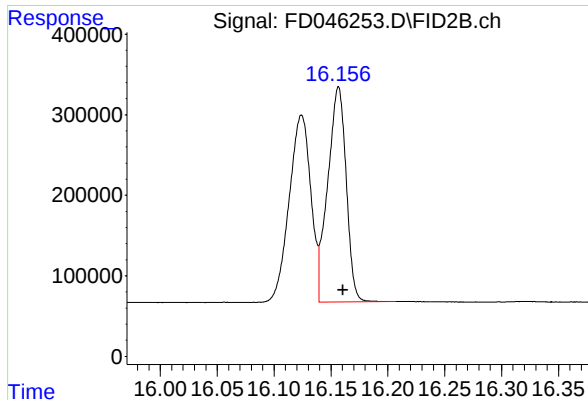
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: -0.005 min
Response: 3091061
Conc: 21.92 ug/ml



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

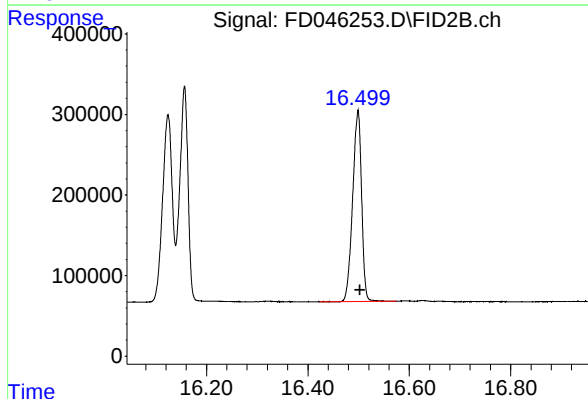
R.T.: 16.124 min
Delta R.T.: -0.005 min
Response: 3072432
Conc: 22.47 ug/ml



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

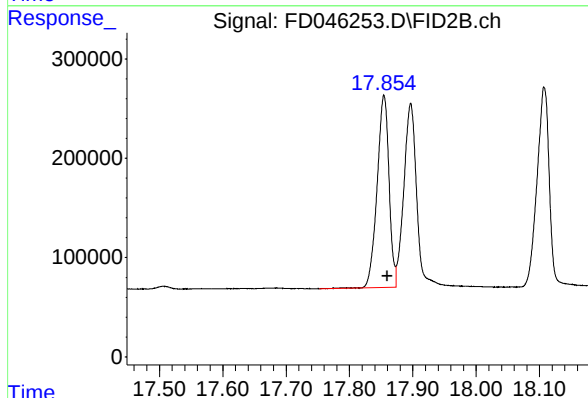
R.T.: 16.156 min
Delta R.T.: -0.004 min
Response: 3010112
Conc: 21.96 ug/ml

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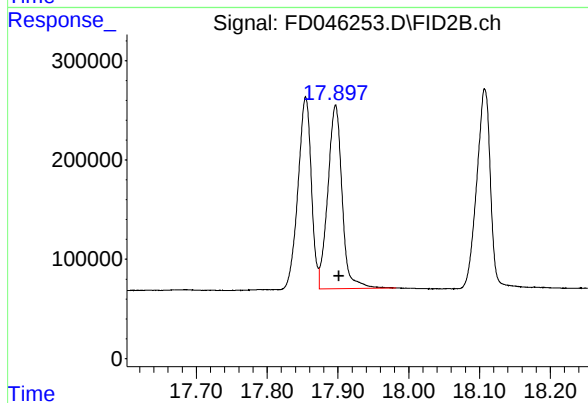
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.005 min
Response: 2907271
Conc: 22.33 ug/ml



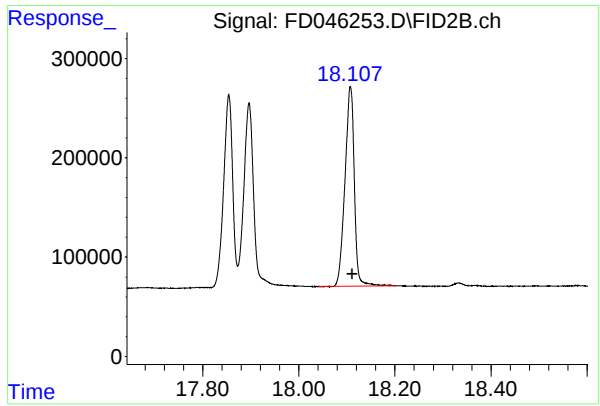
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: -0.005 min
Response: 2529161
Conc: 21.03 ug/ml



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

R.T.: 17.897 min
Delta R.T.: -0.005 min
Response: 2600255
Conc: 20.33 ug/ml



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

R.T.: 18.107 min
Delta R.T.: -0.004 min
Response: 2723333
Conc: 21.47 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD