

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081823AR\
 Data File : FD046351.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2023 16:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 18 16:35:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081823.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 18 14:27:51 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...	7.499	3079206	19.785 ug/ml
Spiked Amount 50.000		Recovery =	39.57%
6) S 2-Fluorobiphenyl (SURR)	8.353	2040857	19.941 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.88%
11) S ortho-Terphenyl (SURR)	11.391	3824658	19.937 ug/ml
Spiked Amount 50.000		Recovery =	39.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.312	3504919	19.710 ug/ml
2) T Naphthalene (C11.7)	5.839	3647157	19.789 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	3624117	19.918 ug/ml
5) T Acenaphthylene (C15.06)	8.157	3289003	19.841 ug/ml
7) T Acenaphthene (C15.5)	8.453	3529298	19.869 ug/ml
8) T Flouorene (C16.55)	9.231	3409198	19.995 ug/ml
9) T Phenanthrene (C19.36)	10.620	3357726	19.965 ug/ml
10) T Anthracene (C19.43)	10.694	2963909	19.914 ug/ml
12) T Fluoranthene (C21.85)	12.423	3282809	20.087 ug/ml
13) T Pyrene (C20.8)	12.717	3196050	20.005 ug/ml
14) T Benzo[a]anthracene (C...	14.581	2864058	20.225 ug/ml
15) T Chrysene (C27.41)	14.623	2956309	20.159 ug/ml
16) T benzo[b]fluoranthene ...	16.123	2747598	20.247 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.155	2666509	20.169 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	2548606	20.093 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	2488091	19.887 ug/mlm
20) T Dibenz[a,h]anthracene...	17.897	2521011	19.862 ug/ml
21) T Benzo[g,h,i]perylene ...	18.108	2519768	19.827 ug/ml

(f)=RT Delta > 1/2 Window

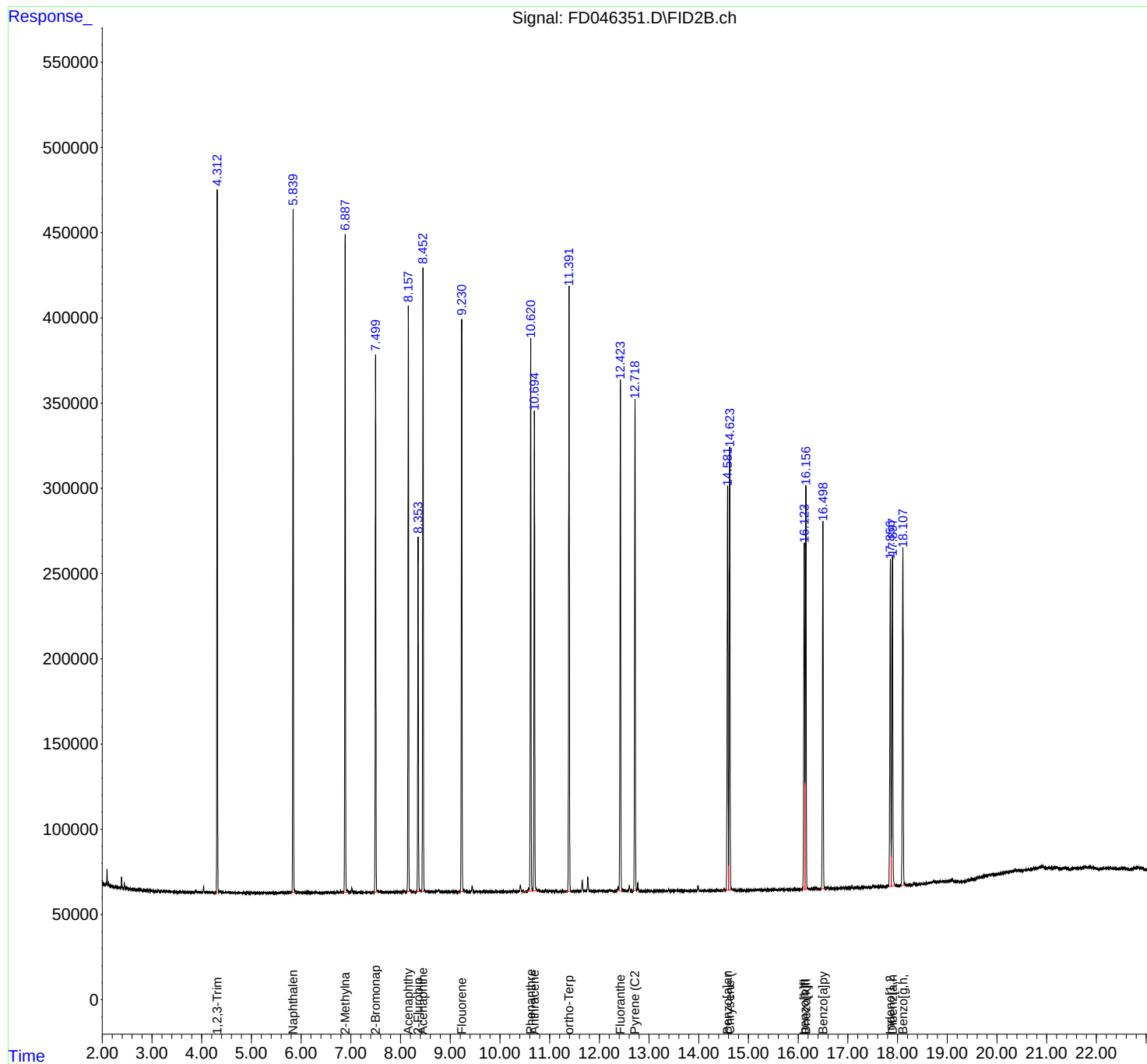
(m)=manual int.

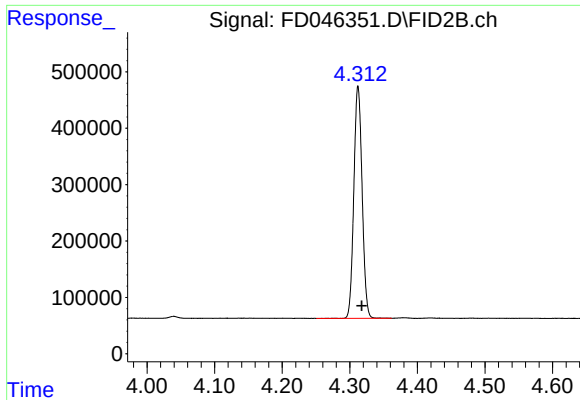
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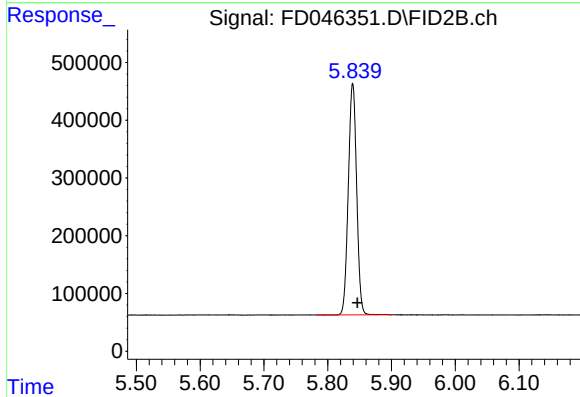




#1 1,2,3-Trimethylbenzene (C10.1)

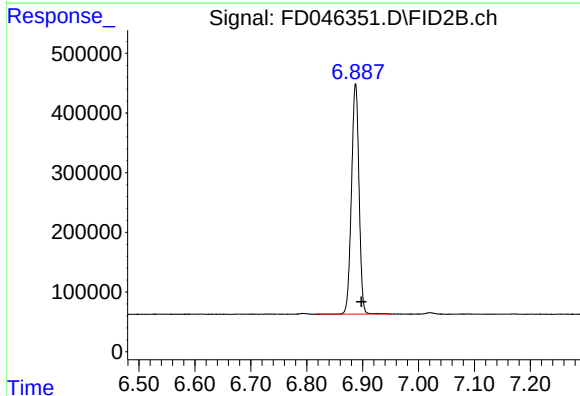
R.T.: 4.312 min
Delta R.T.: -0.006 min
Response: 3504919
Conc: 19.71 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



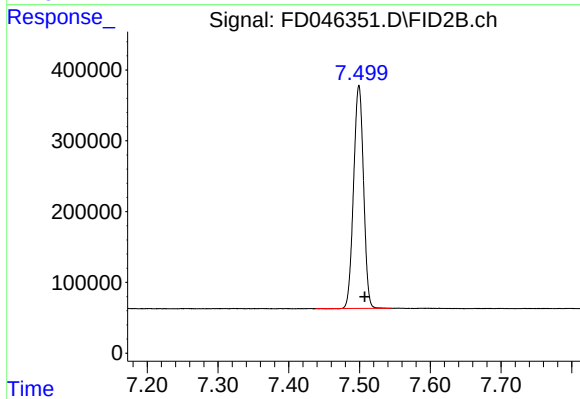
#2 Naphthalene (C11.7)

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 3647157
Conc: 19.79 ug/ml



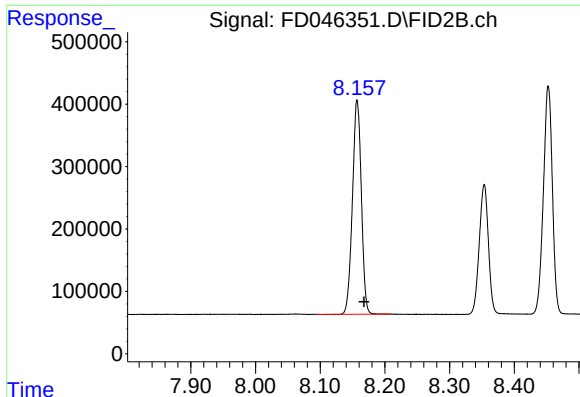
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.887 min
Delta R.T.: -0.010 min
Response: 3624117
Conc: 19.92 ug/ml



#4 2-Bromonaphthalene (SURR)

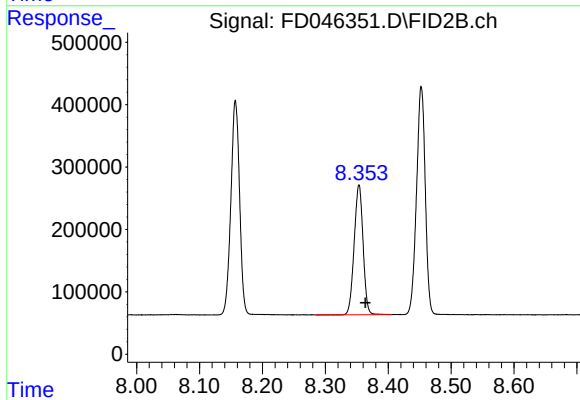
R.T.: 7.499 min
Delta R.T.: -0.008 min
Response: 3079206
Conc: 19.78 ug/ml



#5 Acenaphthylene (C15.06)

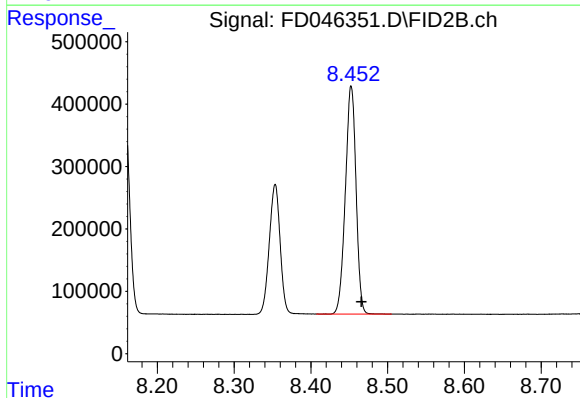
R.T.: 8.157 min
Delta R.T.: -0.011 min
Response: 3289003
Conc: 19.84 ug/ml

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20 PPM AROMATIC HC STD



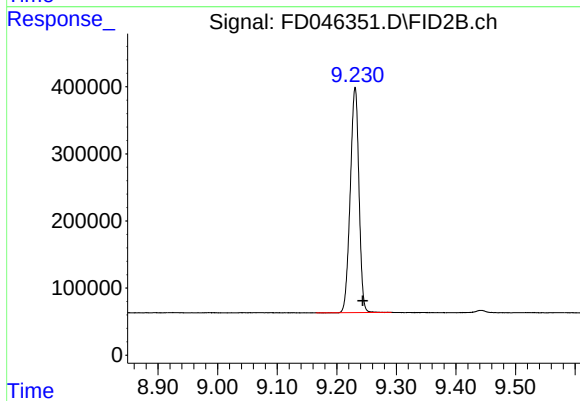
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.353 min
Delta R.T.: -0.010 min
Response: 2040857
Conc: 19.94 ug/ml



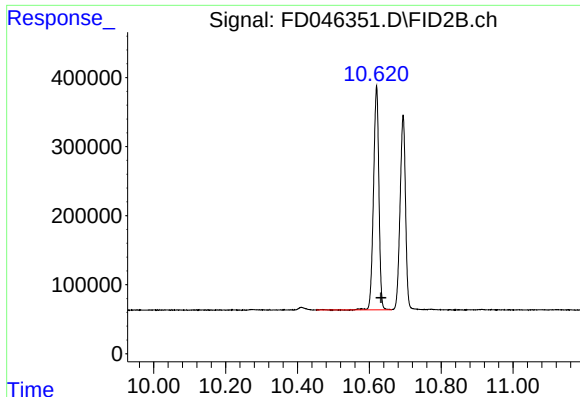
#7 Acenaphthene (C15.5)

R.T.: 8.453 min
Delta R.T.: -0.013 min
Response: 3529298
Conc: 19.87 ug/ml



#8 Fluorene (C16.55)

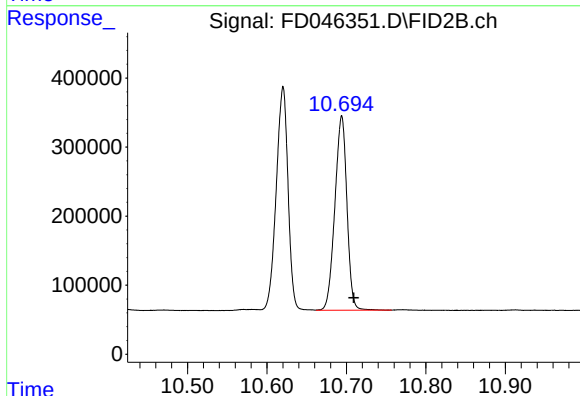
R.T.: 9.231 min
Delta R.T.: -0.013 min
Response: 3409198
Conc: 20.00 ug/ml



#9 Phenanthrene (C19.36)

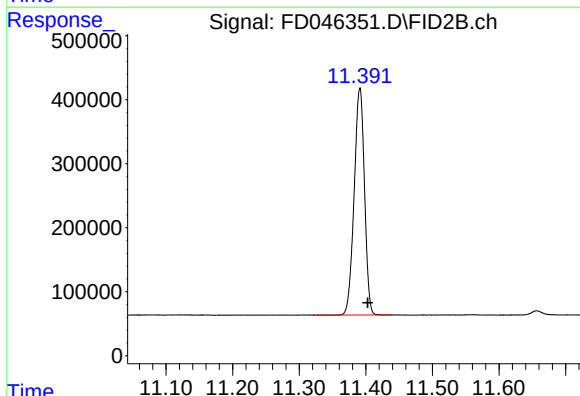
R.T.: 10.620 min
Delta R.T.: -0.013 min
Response: 3357726
Conc: 19.96 ug/ml

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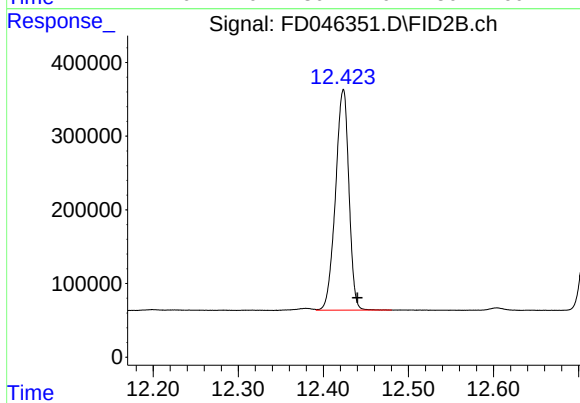
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: -0.016 min
Response: 2963909
Conc: 19.91 ug/ml



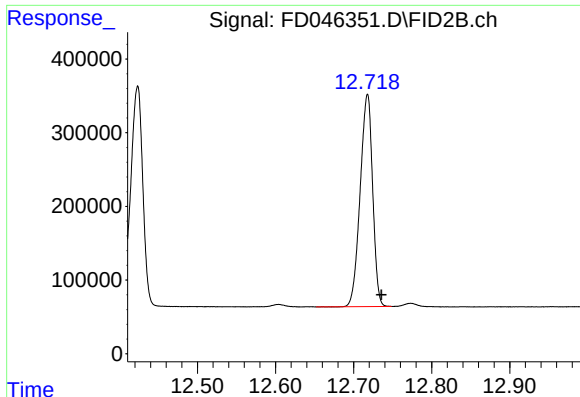
#11 ortho-Terphenyl (SURR)

R.T.: 11.391 min
Delta R.T.: -0.012 min
Response: 3824658
Conc: 19.94 ug/ml



#12 Fluoranthene (C21.85)

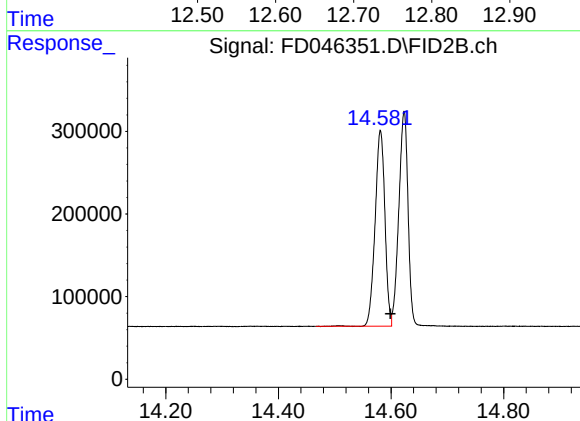
R.T.: 12.423 min
Delta R.T.: -0.017 min
Response: 3282809
Conc: 20.09 ug/ml



#13 Pyrene (C20.8)

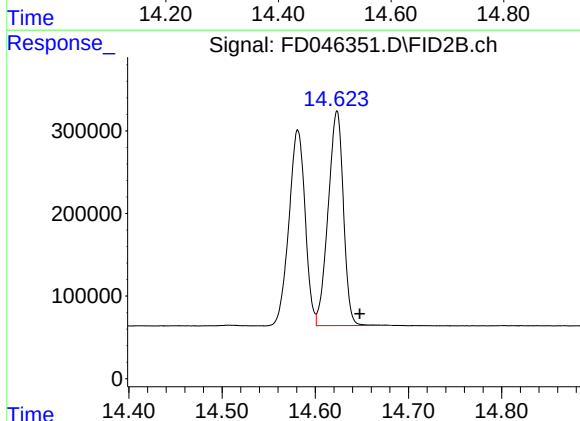
R.T.: 12.717 min
Delta R.T.: -0.018 min
Response: 3196050
Conc: 20.01 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



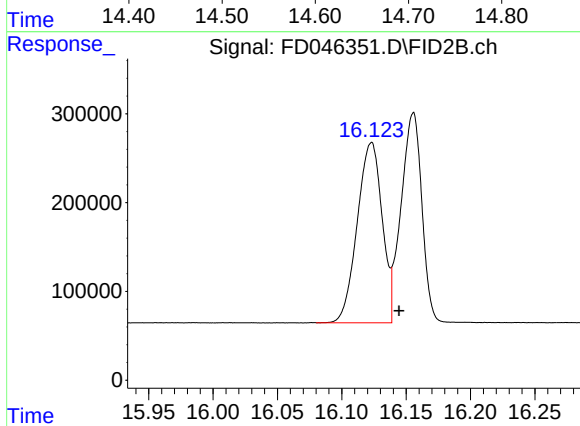
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min
Delta R.T.: -0.017 min
Response: 2864058
Conc: 20.22 ug/ml



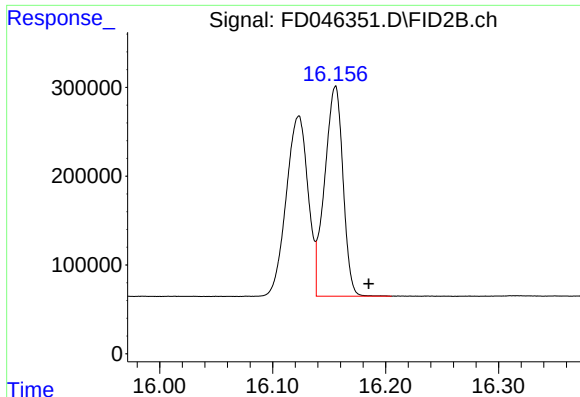
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: -0.025 min
Response: 2956309
Conc: 20.16 ug/ml



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

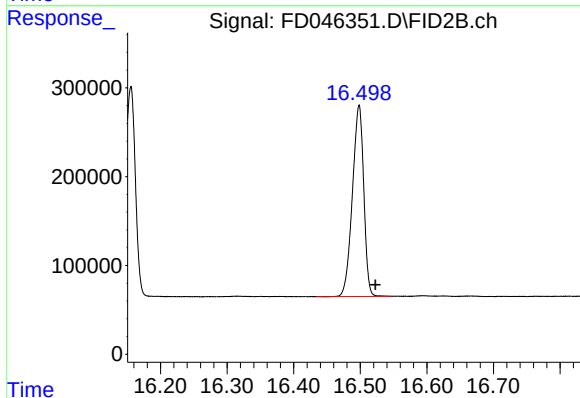
R.T.: 16.123 min
Delta R.T.: -0.021 min
Response: 2747598
Conc: 20.25 ug/ml m



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

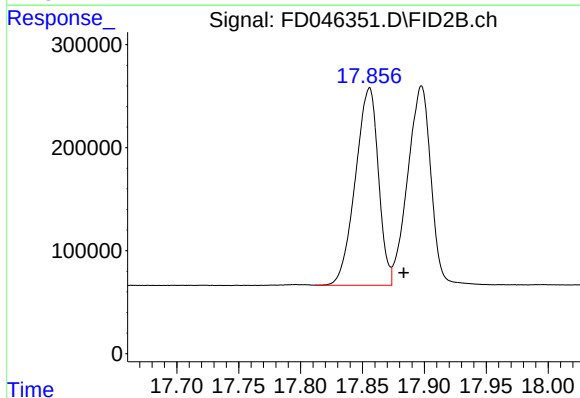
R.T.: 16.155 min
Delta R.T.: -0.030 min
Response: 2666509
Conc: 20.17 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



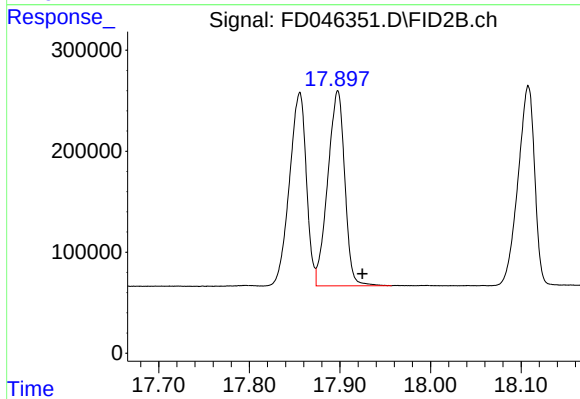
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.025 min
Response: 2548606
Conc: 20.09 ug/ml



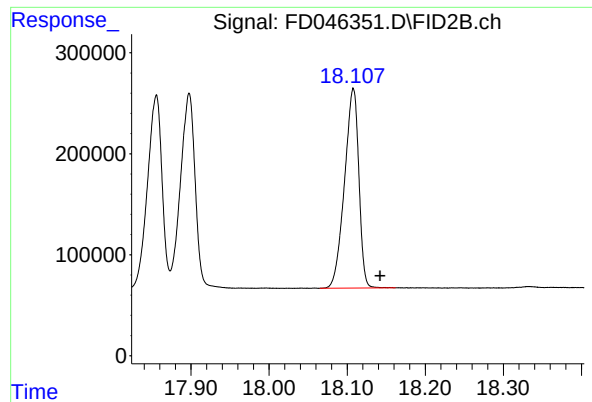
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: -0.028 min
Response: 2488091
Conc: 19.89 ug/ml m



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

R.T.: 17.897 min
Delta R.T.: -0.028 min
Response: 2521011
Conc: 19.86 ug/ml



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

R.T.: 18.108 min
Delta R.T.: -0.035 min
Response: 2519768
Conc: 19.83 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD