

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092723AR\
 Data File : FD046601.D
 Signal(s) : FID2B.ch
 Acq On : 27 Sep 2023 11:34
 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: Sep 27 12:16:41 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...	7.489	3717422	21.095 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
6) S 2-Fluorobiphenyl (SURR)	8.342	2446840	21.119 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.24%
11) S ortho-Terphenyl (SURR)	11.379	4350983	21.357 ug/ml
Spiked Amount 50.000		Recovery =	42.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	3870711	20.957 ug/ml
2) T Naphthalene (C11.7)	5.829	4051217	20.965 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	4100211	21.158 ug/ml
5) T Acenaphthylene (C15.06)	8.146	3742987	21.228 ug/ml
7) T Acenaphthene (C15.5)	8.441	3999219	21.284 ug/ml
8) T Fluorene (C16.55)	9.219	3871956	21.464 ug/ml
9) T Phenanthrene (C19.36)	10.607	3760564	21.388 ug/ml
10) T Anthracene (C19.43)	10.681	3546247	23.088 ug/ml
12) T Fluoranthene (C21.85)	12.409	3683896	21.614 ug/ml
13) T Pyrene (C20.8)	12.703	3576343	21.800 ug/ml
14) T Benzo[a]anthracene (C...	14.566	3041659	21.783 ug/ml
15) T Chrysene (C27.41)	14.608	3224735	21.243 ug/ml
16) T benzo[b]fluoranthene ...	16.108	3012816	21.965 ug/ml
17) T Bnezo[k]fluoranthene ...	16.140	3028609	21.863 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.482	2877902	21.512 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	2644636	21.098 ug/ml
20) T Dibenz[a,h]anthracene...	17.880	2793245	20.991 ug/ml
21) T Benzo[g,h,i]perylene ...	18.090	2747585	20.835 ug/ml

(f)=RT Delta > 1/2 Window

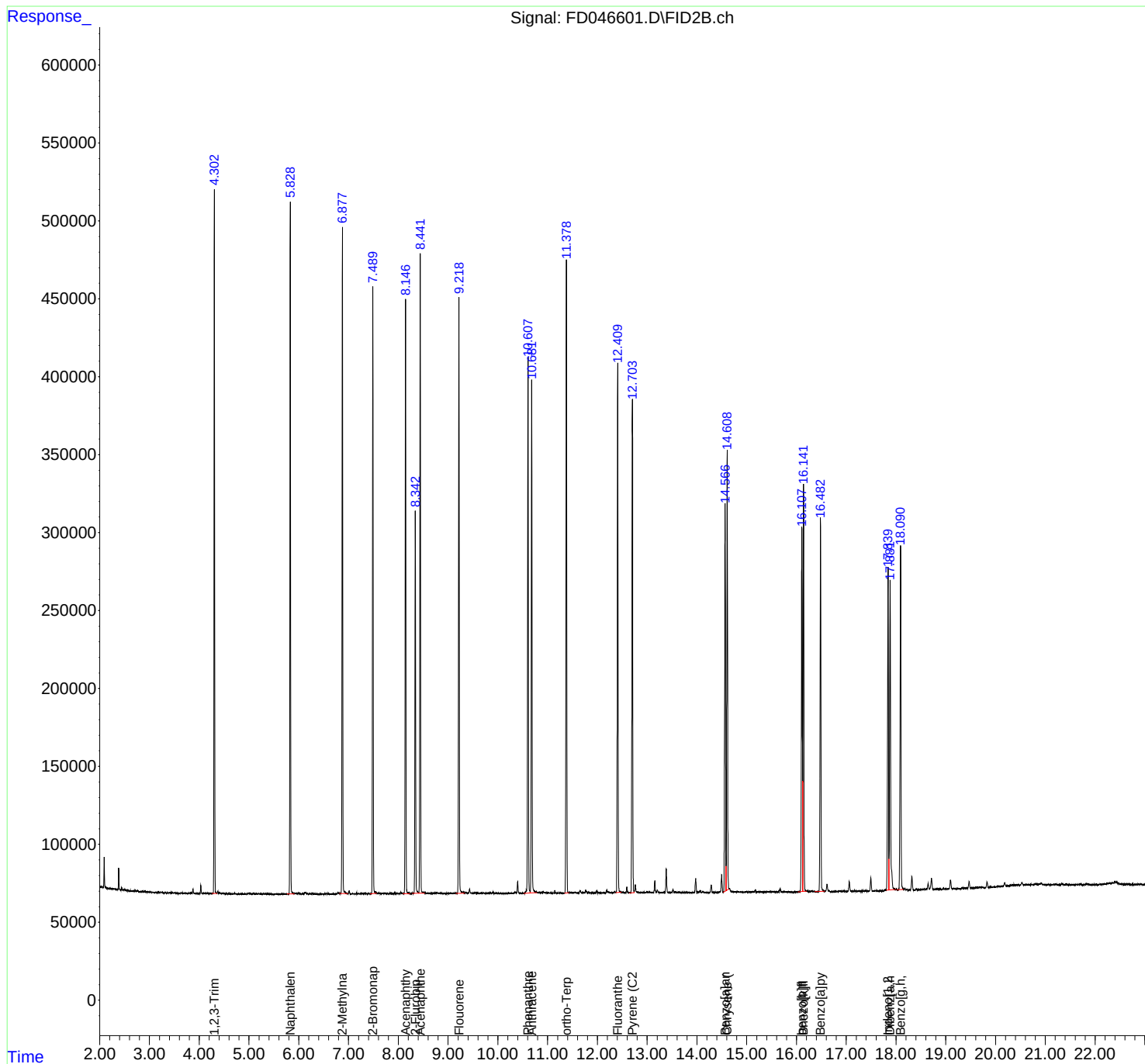
(m)=manual int.

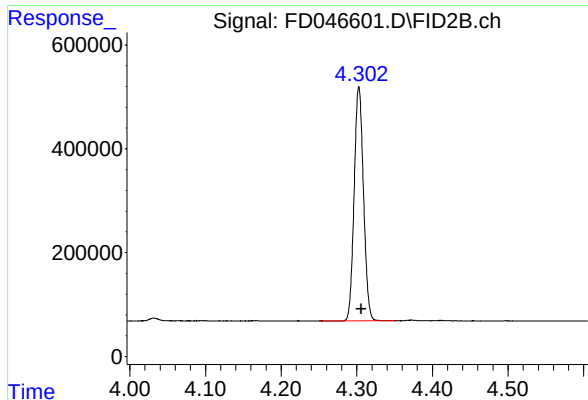
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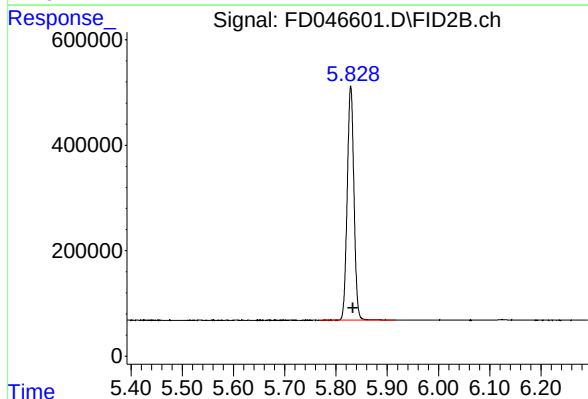




#1 1,2,3-Trimethylbenzene (C10.1)

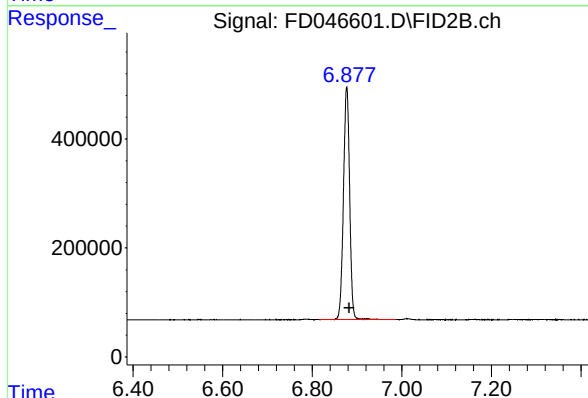
R.T.: 4.303 min
Delta R.T.: -0.003 min
Response: 3870711
Conc: 20.96 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



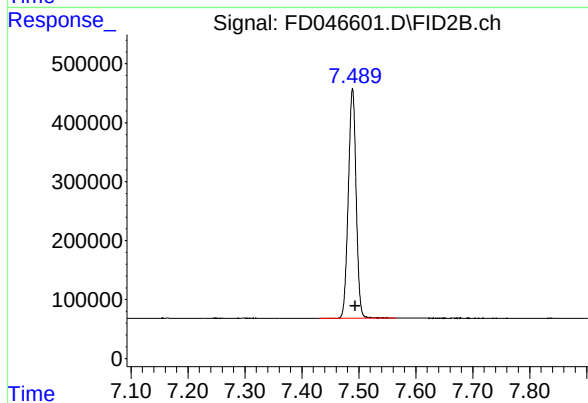
#2 Naphthalene (C11.7)

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 4051217
Conc: 20.97 ug/ml



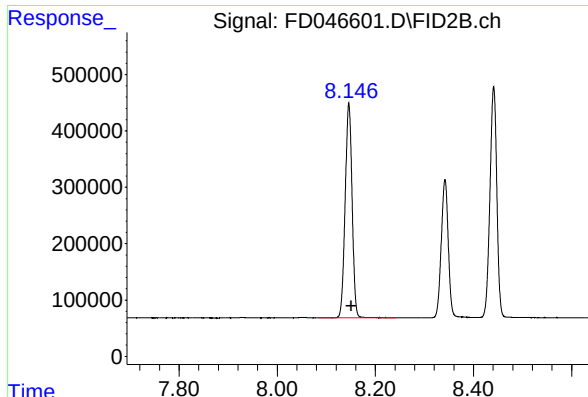
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: -0.005 min
Response: 4100211
Conc: 21.16 ug/ml



#4 2-Bromonaphthalene (SURR)

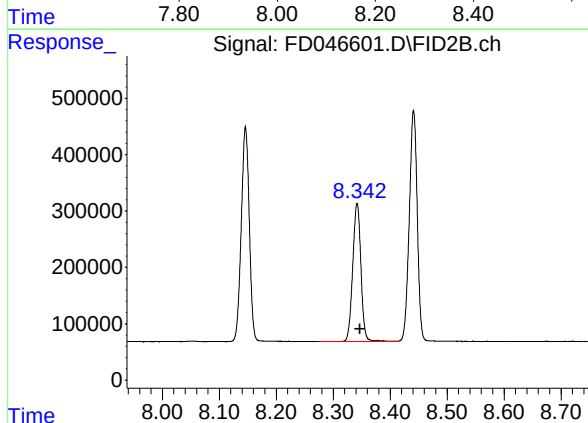
R.T.: 7.489 min
Delta R.T.: -0.005 min
Response: 3717422
Conc: 21.09 ug/ml



#5 Acenaphthylene (C15.06)

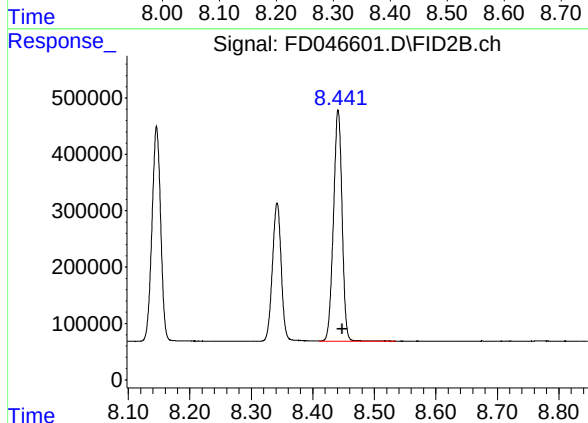
R.T.: 8.146 min
Delta R.T.: -0.005 min
Response: 3742987
Conc: 21.23 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



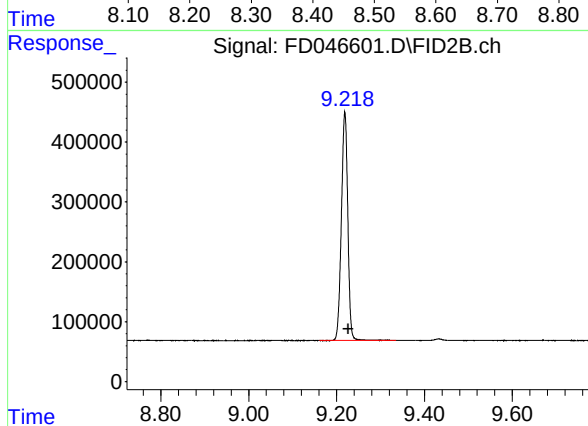
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.342 min
Delta R.T.: -0.005 min
Response: 2446840
Conc: 21.12 ug/ml



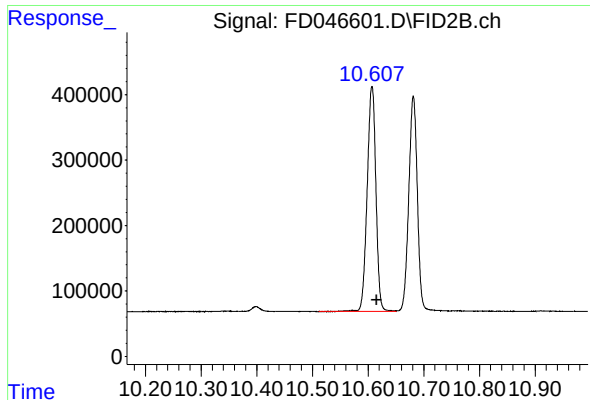
#7 Acenaphthene (C15.5)

R.T.: 8.441 min
Delta R.T.: -0.007 min
Response: 3999219
Conc: 21.28 ug/ml



#8 Flouorene (C16.55)

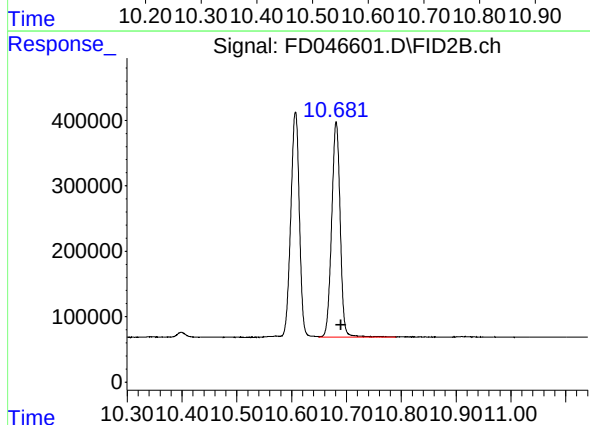
R.T.: 9.219 min
Delta R.T.: -0.007 min
Response: 3871956
Conc: 21.46 ug/ml



#9 Phenanthrene (C19.36)

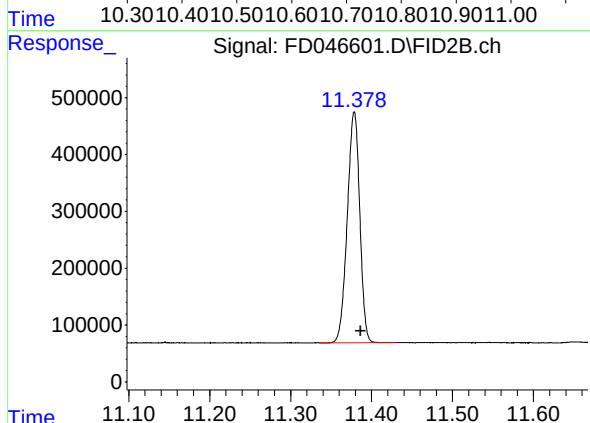
R.T.: 10.607 min
Delta R.T.: -0.009 min
Response: 3760564
Conc: 21.39 ug/ml

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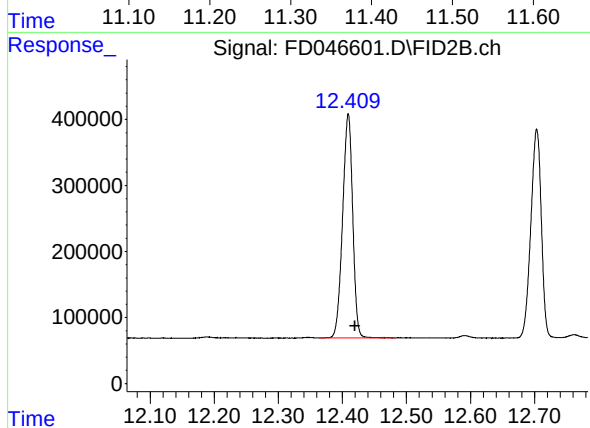
#10 Anthracene (C19.43)

R.T.: 10.681 min
Delta R.T.: -0.008 min
Response: 3546247
Conc: 23.09 ug/ml



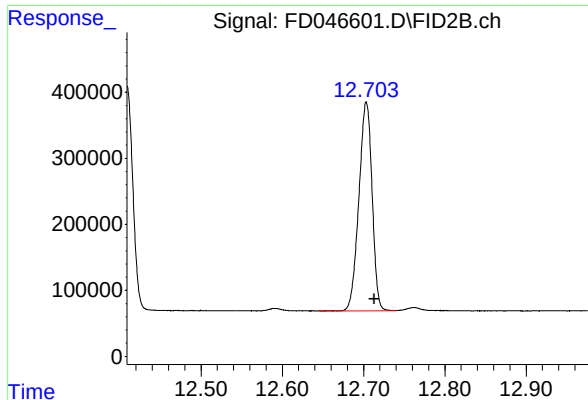
#11 ortho-Terphenyl (SURRE)

R.T.: 11.379 min
Delta R.T.: -0.008 min
Response: 4350983
Conc: 21.36 ug/ml



#12 Fluoranthene (C21.85)

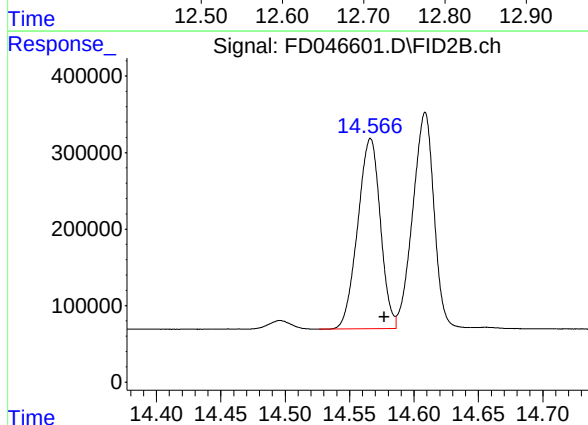
R.T.: 12.409 min
Delta R.T.: -0.011 min
Response: 3683896
Conc: 21.61 ug/ml



#13 Pyrene (C20.8)

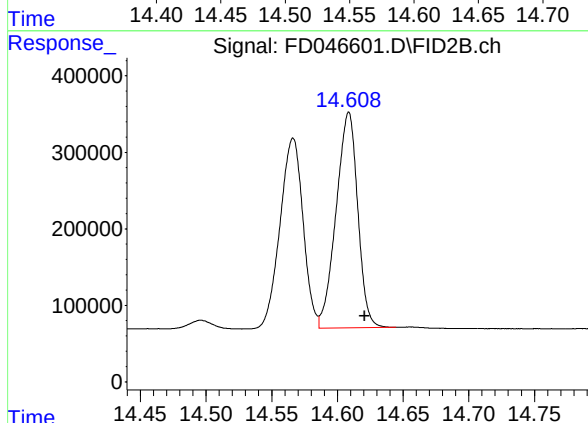
R.T.: 12.703 min
Delta R.T.: -0.010 min
Response: 3576343
Conc: 21.80 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



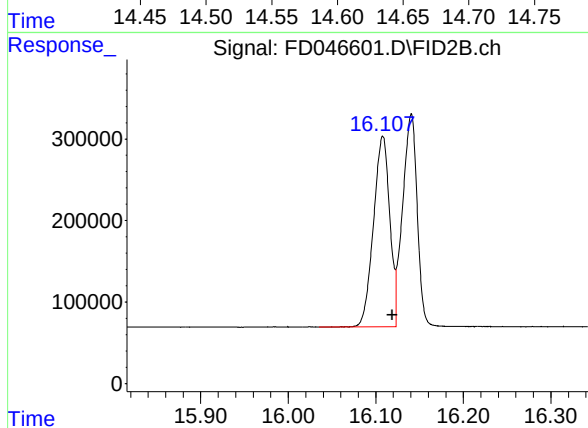
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.566 min
Delta R.T.: -0.011 min
Response: 3041659
Conc: 21.78 ug/ml



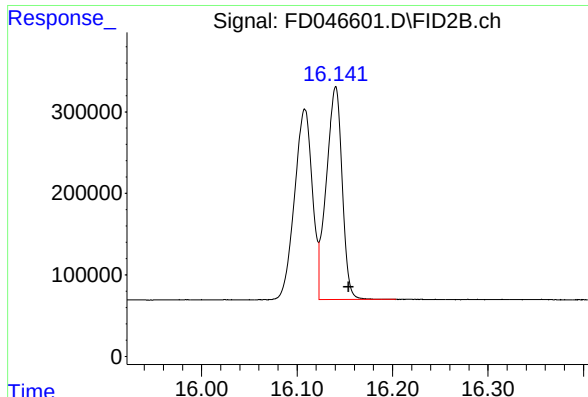
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: -0.012 min
Response: 3224735
Conc: 21.24 ug/ml



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

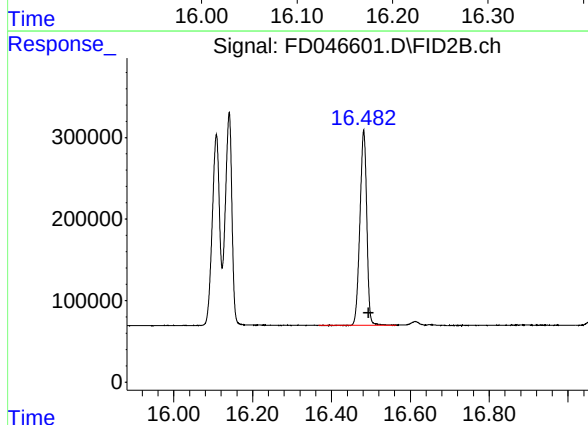
R.T.: 16.108 min
Delta R.T.: -0.011 min
Response: 3012816
Conc: 21.96 ug/ml



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

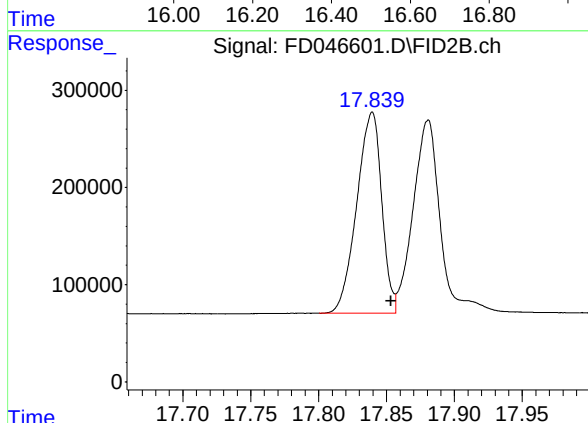
R.T.: 16.140 min
Delta R.T.: -0.014 min
Response: 3028609
Conc: 21.86 ug/ml

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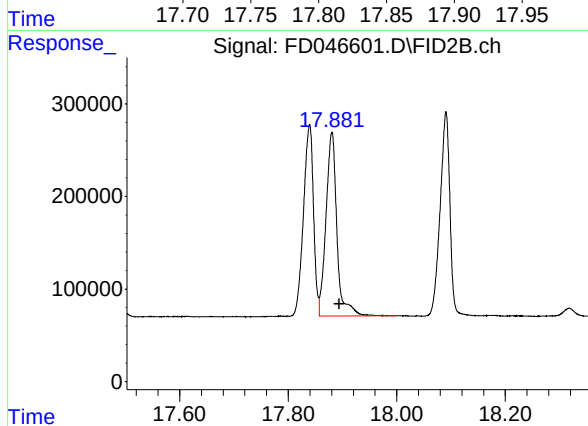
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.482 min
Delta R.T.: -0.013 min
Response: 2877902
Conc: 21.51 ug/ml



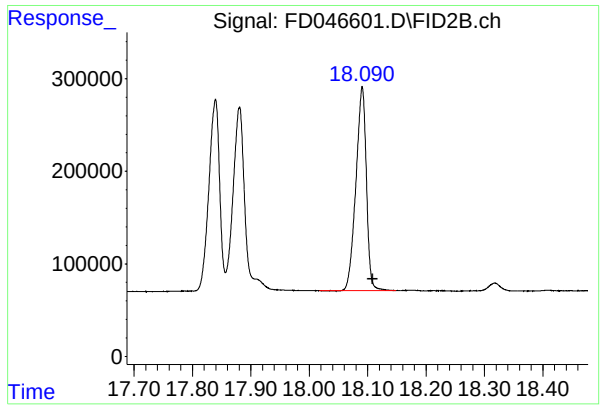
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: -0.014 min
Response: 2644636
Conc: 21.10 ug/ml



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

R.T.: 17.880 min
Delta R.T.: -0.014 min
Response: 2793245
Conc: 20.99 ug/ml



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

R.T.: 18.090 min

Delta R.T.: -0.018 min

Response: 2747585

Conc: 20.84 ug/ml

Instrument :

FID_D

ClientSampleId :

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