

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045947.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 12:57
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 25 05:35:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.519	3632198	20.147 ug/ml
Spiked Amount 50.000		Recovery =	40.29%
6) S 2-Fluorobiphenyl (SURR)	8.374	2325161	19.340 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.68%
11) S ortho-Terphenyl (SURR)	11.413	4284071	19.179 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.329	4199370	20.801 ug/ml
2) T Naphthalene (C11.7)	5.858	4285905	20.227 ug/ml
3) T 2-Methylnaphthalene (...)	6.908	4246118	20.104 ug/ml
5) T Acenaphthylene (C15.06)	8.178	3701229	19.535 ug/ml
7) T Acenaphthene (C15.5)	8.474	3975739	19.664 ug/ml
8) T Fluorene (C16.55)	9.252	3815741	19.258 ug/ml
9) T Phenanthrene (C19.36)	10.642	3591124	18.771 ug/ml
10) T Anthracene (C19.43)	10.716	2866509	16.827 ug/ml
12) T Fluoranthene (C21.85)	12.446	3396072	18.382 ug/ml
13) T Pyrene (C20.8)	12.741	3283827	18.387 ug/ml
14) T Benzo[a]anthracene (C...	14.605	2994636	19.127 ug/ml
15) T Chrysene (C27.41)	14.648	3149962	19.093 ug/ml
16) T benzo[b]fluoranthene ...	16.149	3162588	20.896 ug/ml
17) T Bnezo[k]fluoranthene ...	16.181	3142904	20.300 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.524	3061767	20.937 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	3096446	21.141 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	3400308	22.666 ug/ml
21) T Benzo[g,h,i]perylene ...	18.135	3180115	21.552 ug/ml

(f)=RT Delta > 1/2 Window

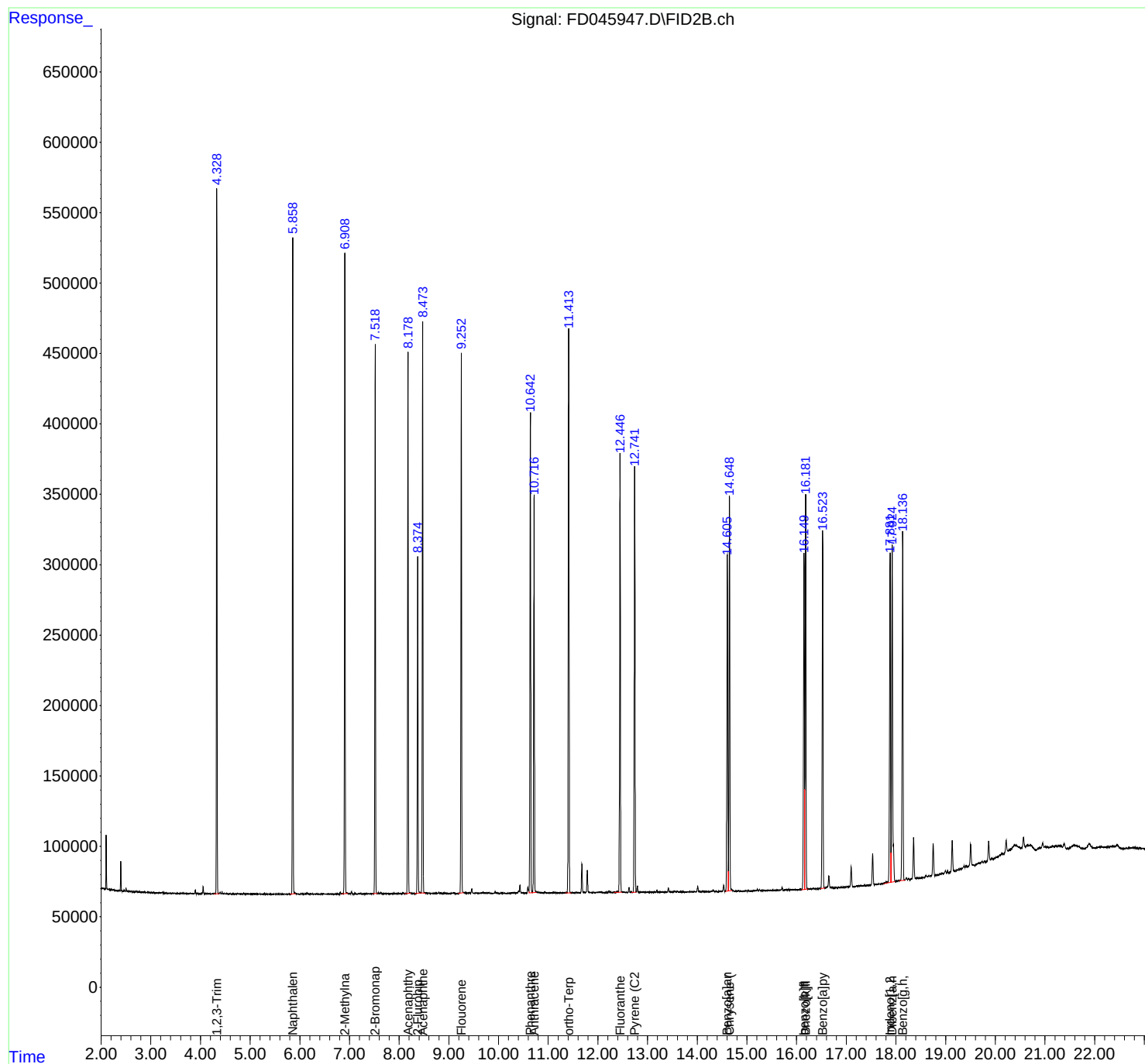
(m)=manual int.

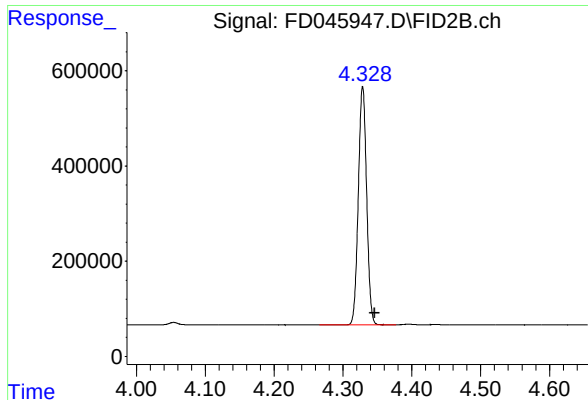
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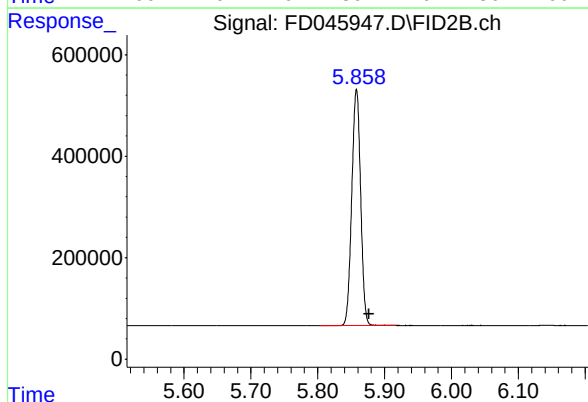




#1 1,2,3-Trimethylbenzene (C10.1)

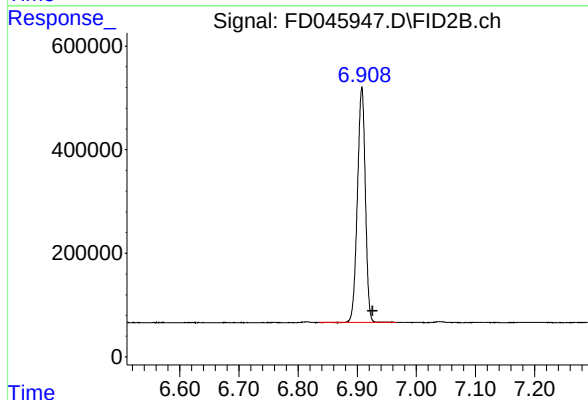
R.T.: 4.329 min
Delta R.T.: -0.017 min
Response: 4199370
Conc: 20.80 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



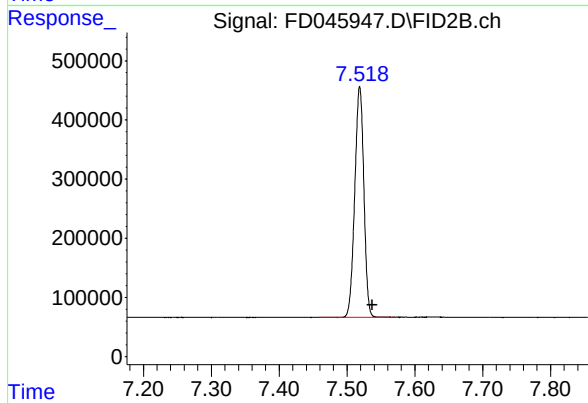
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: -0.019 min
Response: 4285905
Conc: 20.23 ug/ml



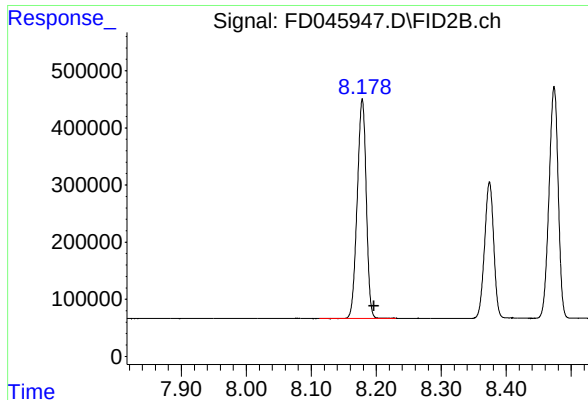
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.908 min
Delta R.T.: -0.018 min
Response: 4246118
Conc: 20.10 ug/ml



#4 2-Bromonaphthalene (SURR)

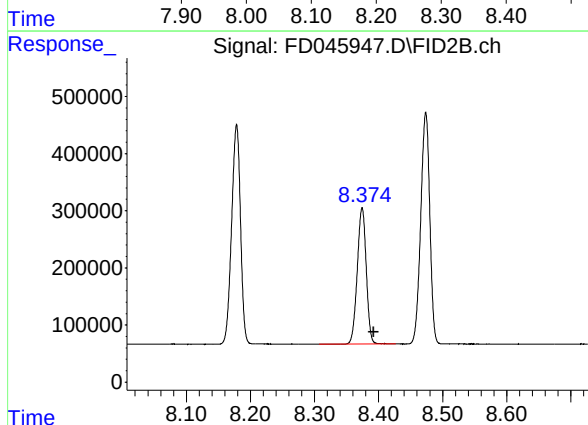
R.T.: 7.519 min
Delta R.T.: -0.019 min
Response: 3632198
Conc: 20.15 ug/ml



#5 Acenaphthylene (C15.06)

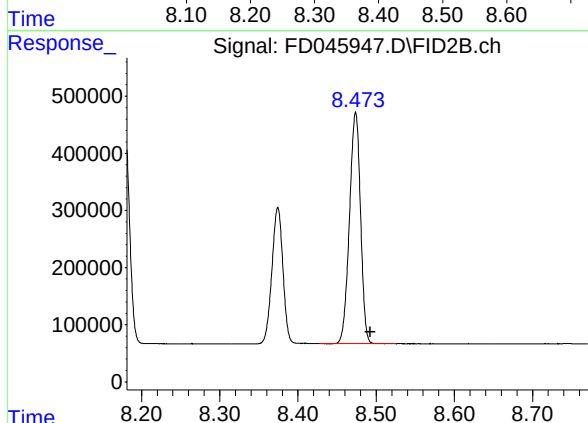
R.T.: 8.178 min
Delta R.T.: -0.018 min
Response: 3701229
Conc: 19.54 ug/ml

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20 PPM AROMATIC HC STD



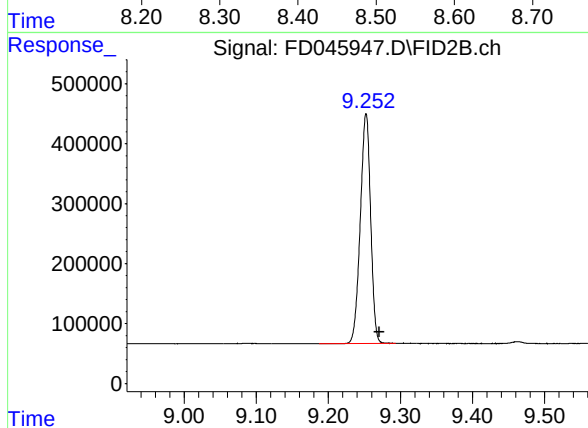
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.374 min
Delta R.T.: -0.018 min
Response: 2325161
Conc: 19.34 ug/ml



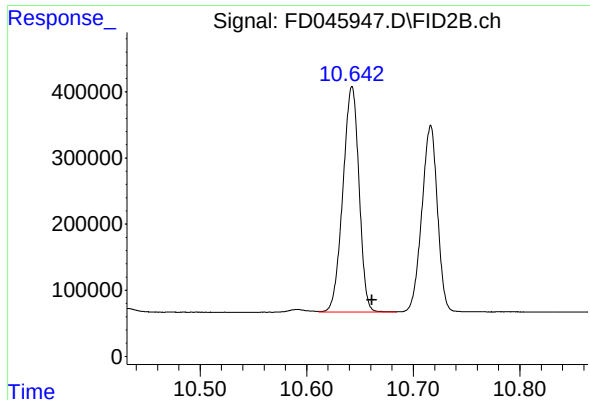
#7 Acenaphthene (C15.5)

R.T.: 8.474 min
Delta R.T.: -0.019 min
Response: 3975739
Conc: 19.66 ug/ml



#8 Fluorene (C16.55)

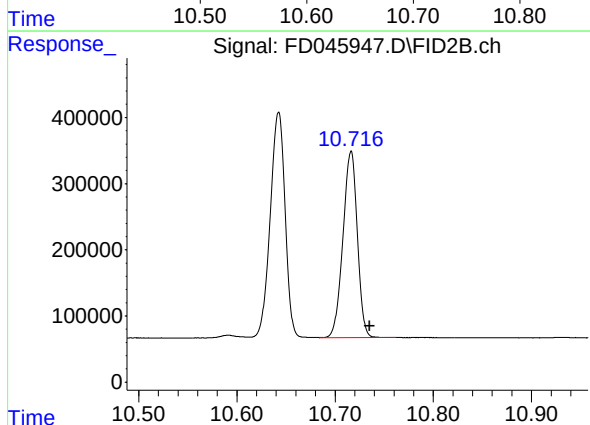
R.T.: 9.252 min
Delta R.T.: -0.018 min
Response: 3815741
Conc: 19.26 ug/ml



#9 Phenanthrene (C19.36)

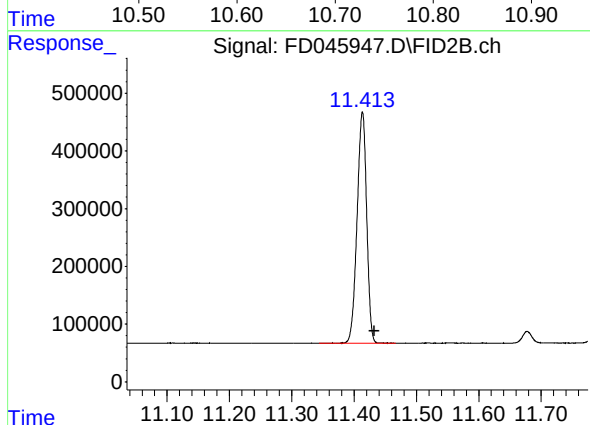
R.T.: 10.642 min
Delta R.T.: -0.019 min
Response: 3591124
Conc: 18.77 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



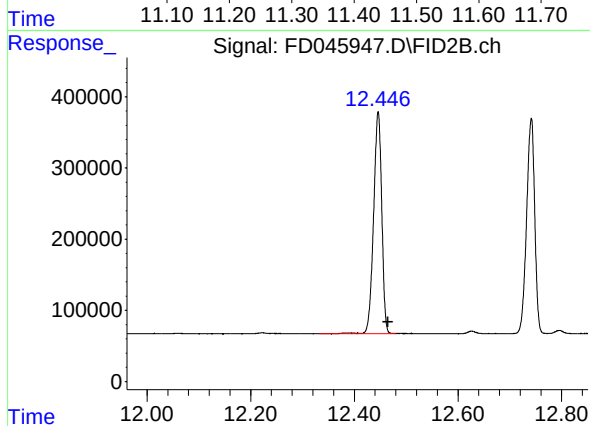
#10 Anthracene (C19.43)

R.T.: 10.716 min
Delta R.T.: -0.019 min
Response: 2866509
Conc: 16.83 ug/ml



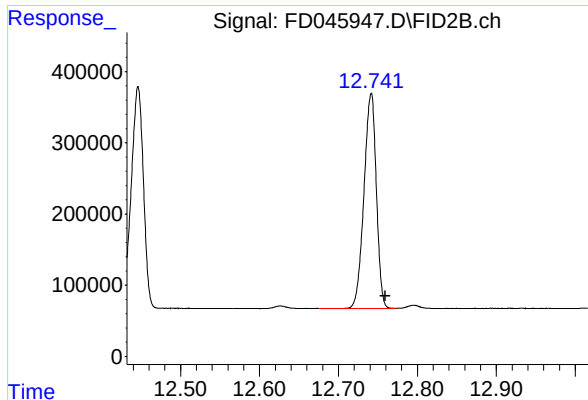
#11 ortho-Terphenyl (SURR)

R.T.: 11.413 min
Delta R.T.: -0.019 min
Response: 4284071
Conc: 19.18 ug/ml



#12 Fluoranthene (C21.85)

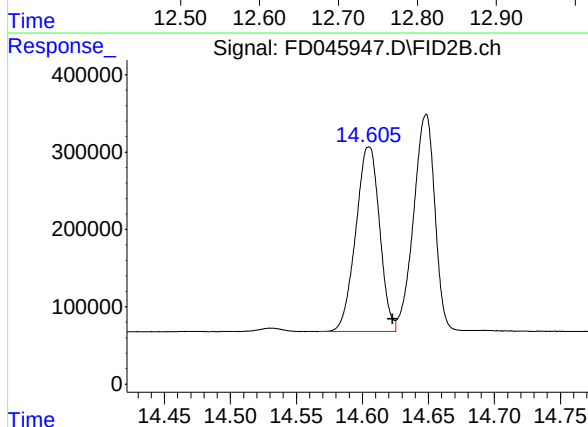
R.T.: 12.446 min
Delta R.T.: -0.019 min
Response: 3396072
Conc: 18.38 ug/ml



#13 Pyrene (C20.8)

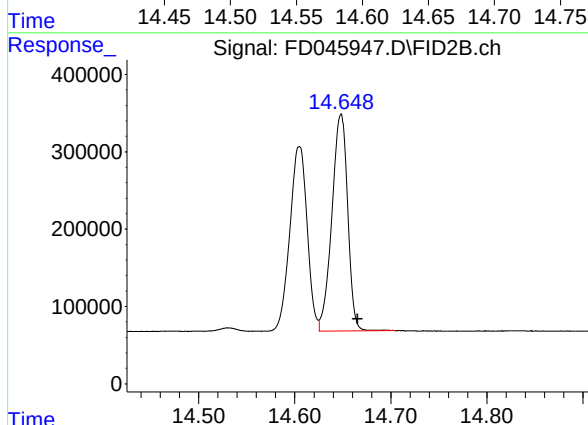
R.T.: 12.741 min
Delta R.T.: -0.018 min
Response: 3283827
Conc: 18.39 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



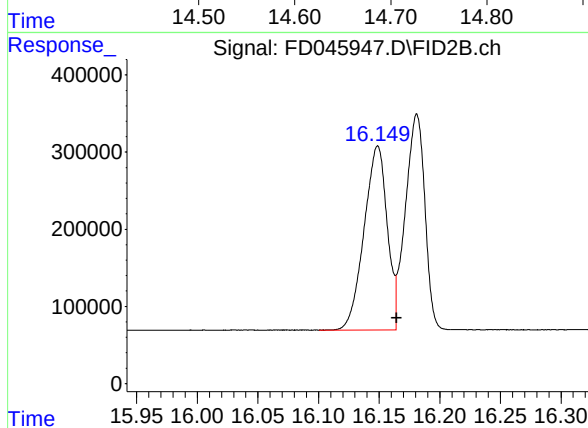
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.605 min
Delta R.T.: -0.018 min
Response: 2994636
Conc: 19.13 ug/ml



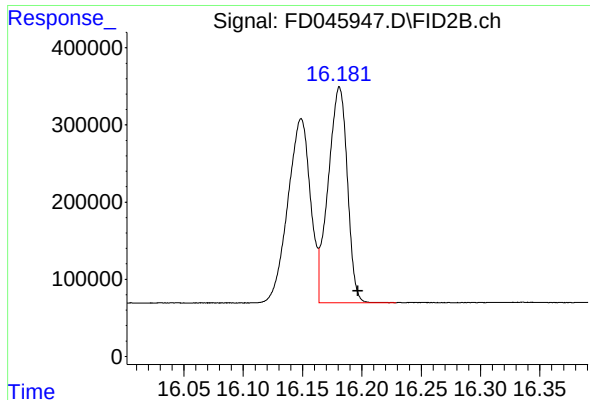
#15 Chrysene (C27.41)

R.T.: 14.648 min
Delta R.T.: -0.018 min
Response: 3149962
Conc: 19.09 ug/ml



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

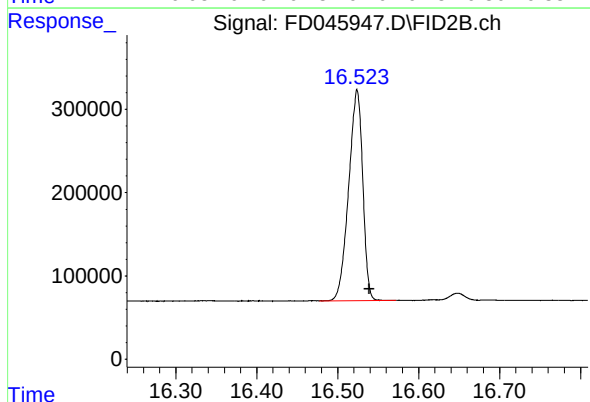
R.T.: 16.149 min
Delta R.T.: -0.016 min
Response: 3162588
Conc: 20.90 ug/ml



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

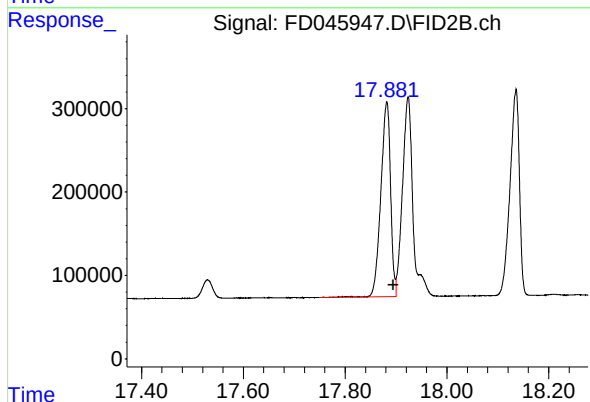
R.T.: 16.181 min
Delta R.T.: -0.016 min
Response: 3142904
Conc: 20.30 ug/ml

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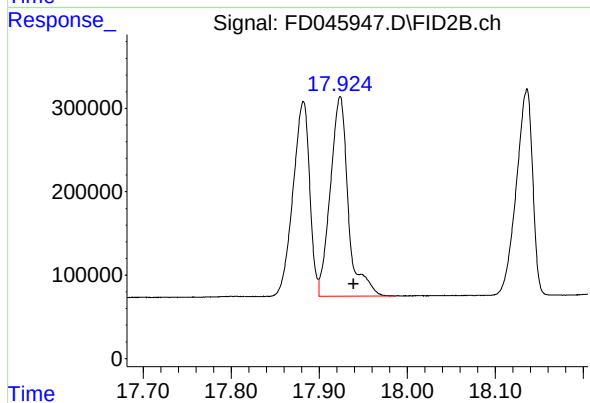
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.524 min
Delta R.T.: -0.015 min
Response: 3061767
Conc: 20.94 ug/ml



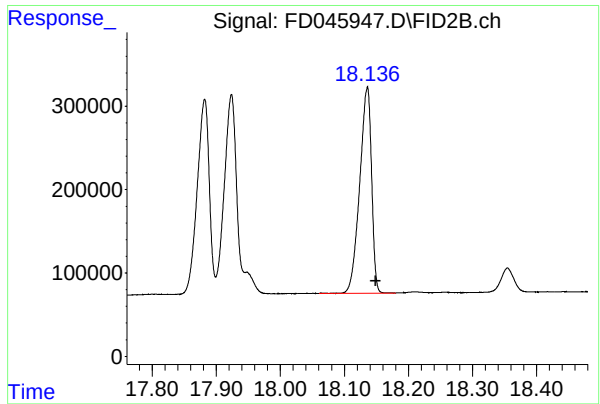
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 3096446
Conc: 21.14 ug/ml



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

R.T.: 17.924 min
Delta R.T.: -0.016 min
Response: 3400308
Conc: 22.67 ug/ml



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

R.T.: 18.135 min
Delta R.T.: -0.014 min
Response: 3180115
Conc: 21.55 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD