

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091624AR\
 Data File : FD048321.D
 Signal(s) : FID2B.ch
 Acq On : 16 Sep 2024 12:53
 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 17 04:40:14 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 2024
 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...	7.388	2910144	19.188 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
6) S 2-Fluorobiphenyl (SURR)	8.238	1873535	19.608 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.22%
11) S ortho-Terphenyl (SURR)	11.273	3393695	19.780 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.209	3376808	19.142 ug/ml
2) T Naphthalene (C11.7)	5.728	3407739	18.844 ug/ml
3) T 2-Methylnaphthalene (...)	6.775	3413814	19.081 ug/ml
5) T Acenaphthylene (C15.06)	8.040	3392788	19.419 ug/ml
7) T Acenaphthene (C15.5)	8.334	3480309	19.568 ug/ml
8) T Fluorene (C16.55)	9.113	3255149	19.440 ug/ml
9) T Phenanthrene (C19.36)	10.500	3199097	19.815 ug/ml
10) T Anthracene (C19.43)	10.575	2921342	18.358 ug/ml
12) T Fluoranthene (C21.85)	12.303	3217489	19.847 ug/ml
13) T Pyrene (C20.8)	12.596	3195879	19.932 ug/ml
14) T Benzo[a]anthracene (C...	14.463	2796077	19.961 ug/ml
15) T Chrysene (C27.41)	14.505	3207282	19.472 ug/ml
16) T benzo[b]fluoranthene ...	16.009	2971961	20.003 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	3038500	19.729 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.385	2925681	19.774 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	2171707	19.220 ug/ml
20) T Dibenz[a,h]anthracene...	17.787	3035631	19.891 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	2868947	19.463 ug/ml

(f)=RT Delta > 1/2 Window

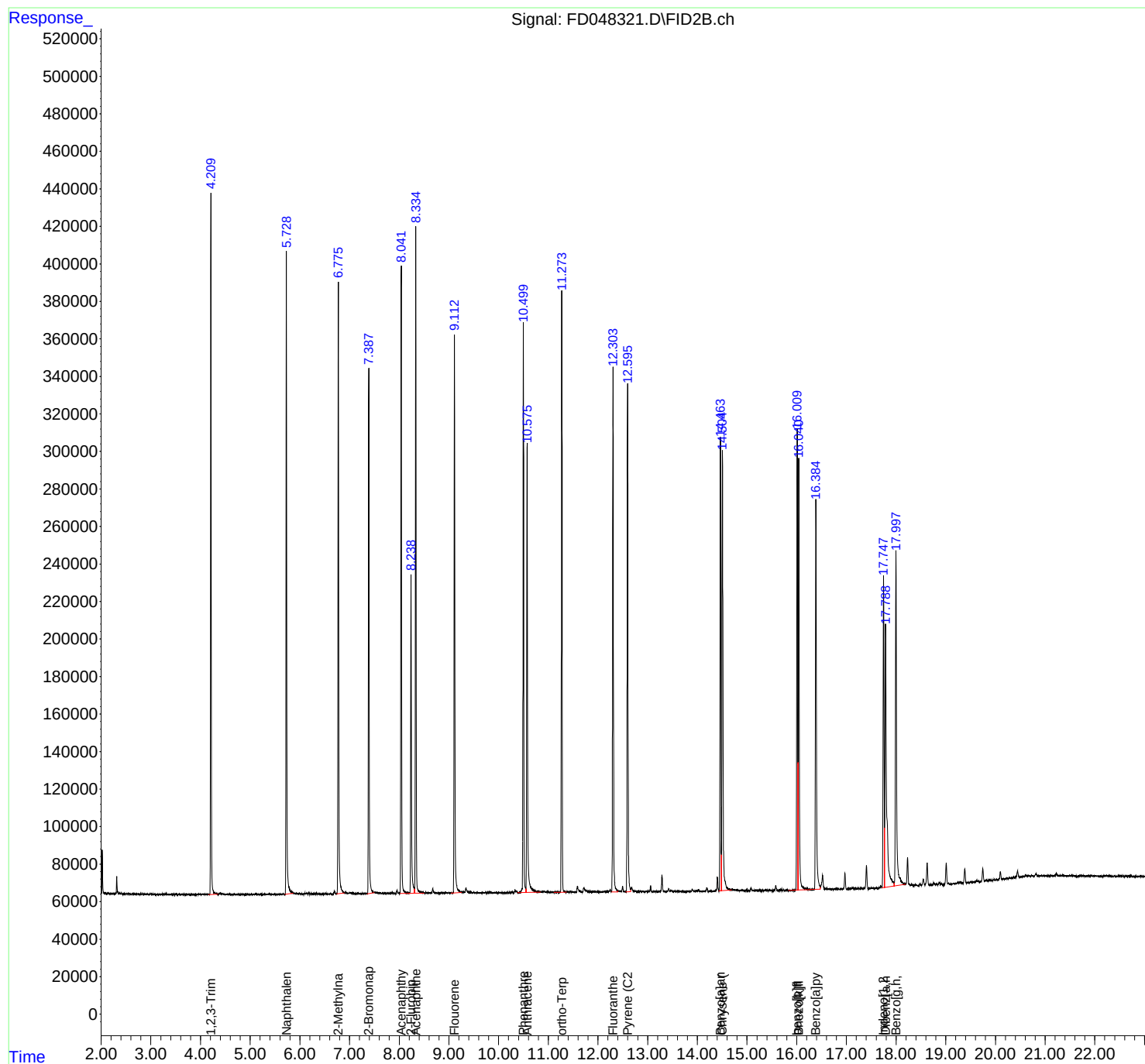
(m)=manual int.

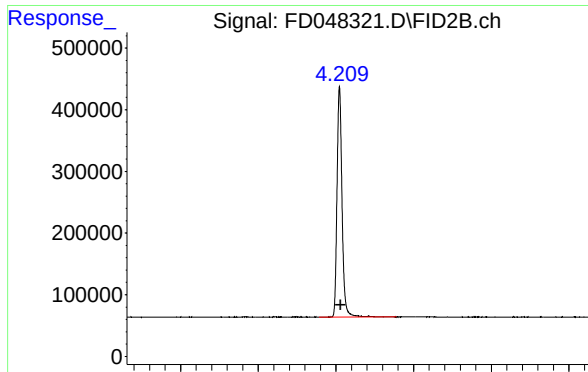
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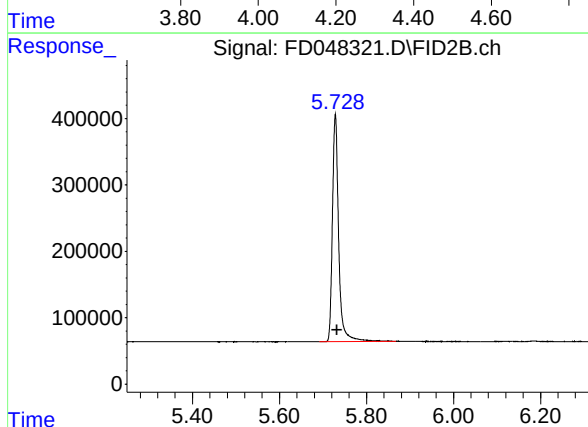




#1 1,2,3-Trimethylbenzene (C10.1)

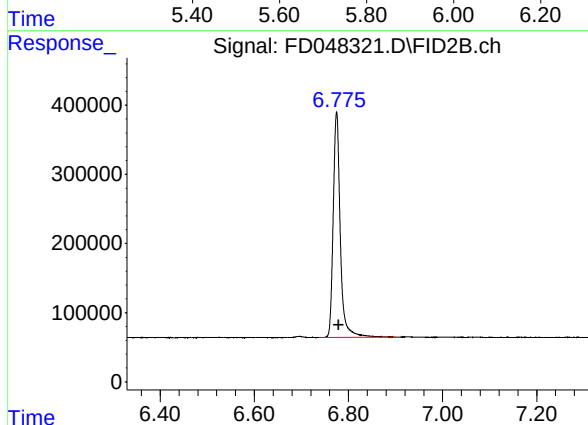
R.T.: 4.209 min
Delta R.T.: -0.003 min
Response: 3376808
Conc: 19.14 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



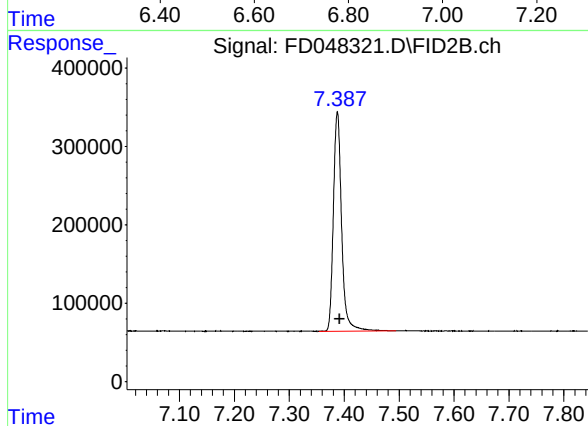
#2 Naphthalene (C11.7)

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 3407739
Conc: 18.84 ug/ml



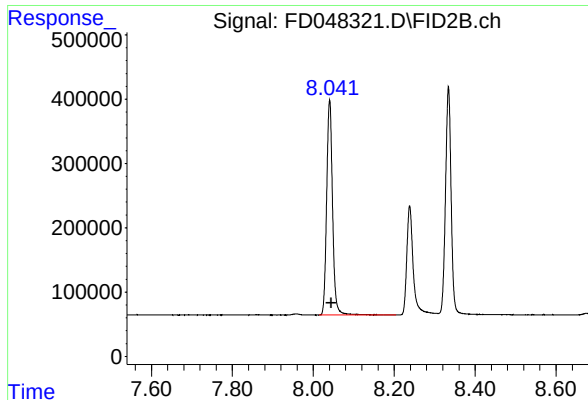
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.775 min
Delta R.T.: -0.004 min
Response: 3413814
Conc: 19.08 ug/ml



#4 2-Bromonaphthalene (SURR)

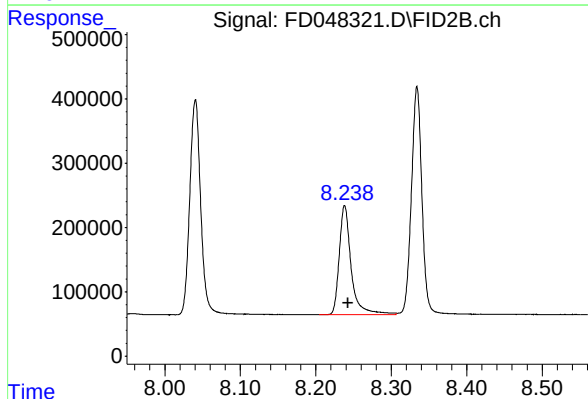
R.T.: 7.388 min
Delta R.T.: -0.004 min
Response: 2910144
Conc: 19.19 ug/ml



#5 Acenaphthylene (C15.06)

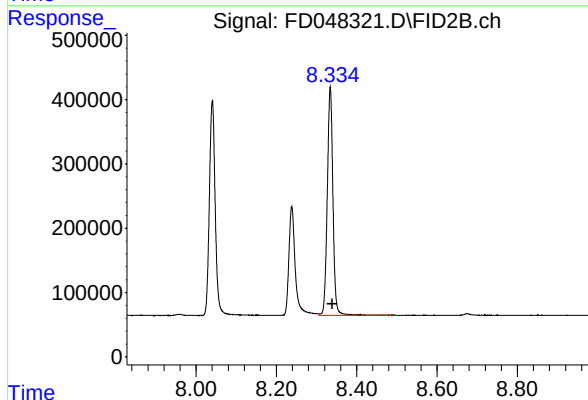
R.T.: 8.040 min
Delta R.T.: -0.004 min
Response: 3392788
Conc: 19.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



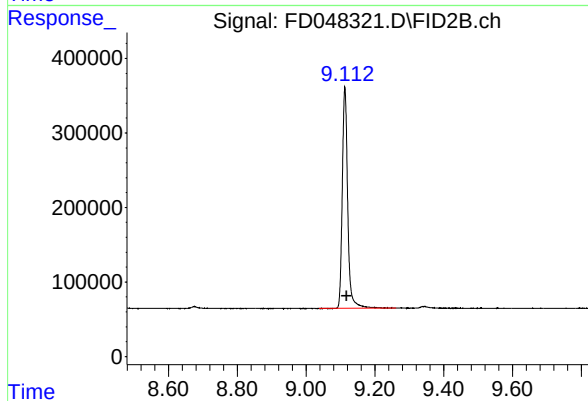
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.238 min
Delta R.T.: -0.004 min
Response: 1873535
Conc: 19.61 ug/ml



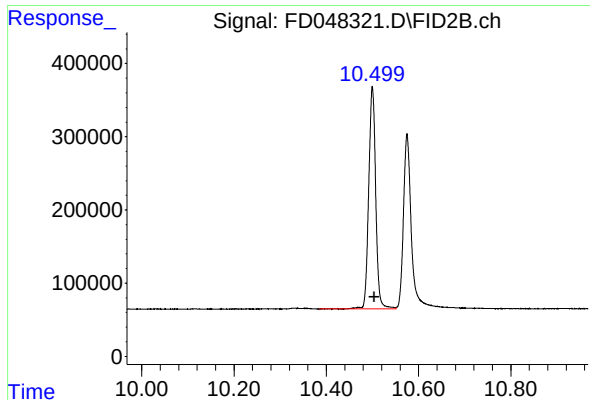
#7 Acenaphthene (C15.5)

R.T.: 8.334 min
Delta R.T.: -0.005 min
Response: 3480309
Conc: 19.57 ug/ml



#8 Fluorene (C16.55)

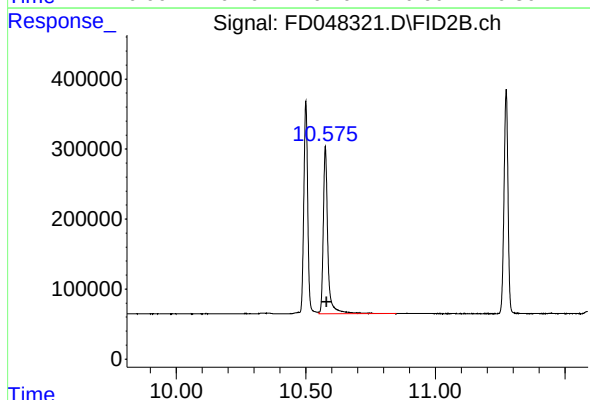
R.T.: 9.113 min
Delta R.T.: -0.005 min
Response: 3255149
Conc: 19.44 ug/ml



#9 Phenanthrene (C19.36)

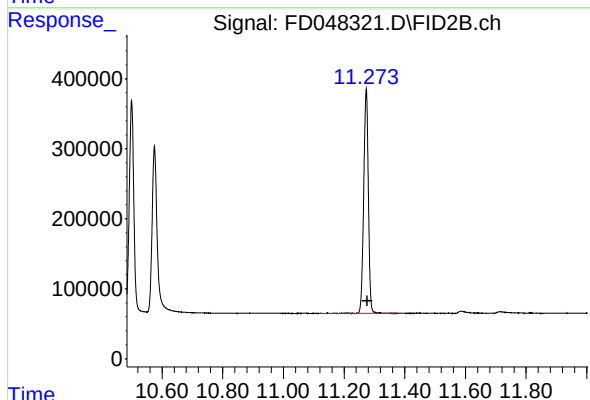
R.T.: 10.500 min
Delta R.T.: -0.005 min
Response: 3199097
Conc: 19.82 ug/ml

Instrument :
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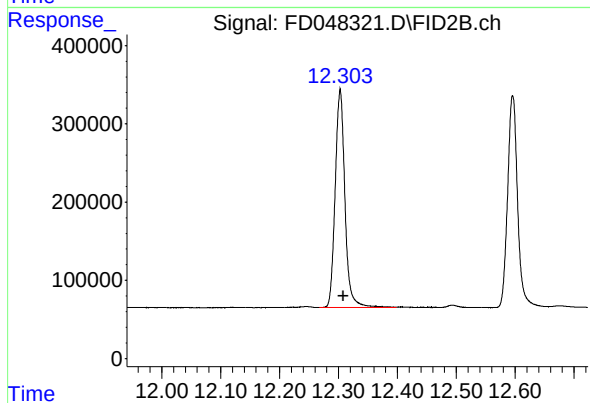
#10 Anthracene (C19.43)

R.T.: 10.575 min
Delta R.T.: -0.005 min
Response: 2921342
Conc: 18.36 ug/ml



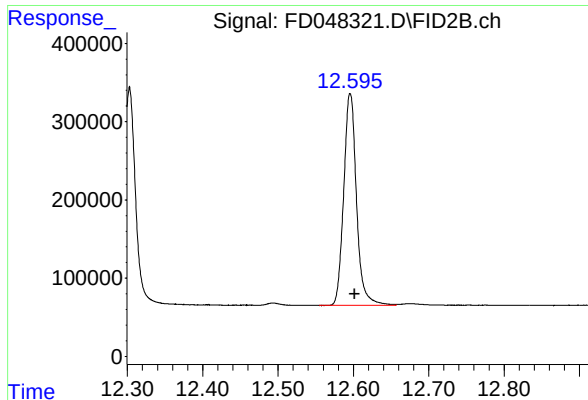
#11 ortho-Terphenyl (SURR)

R.T.: 11.273 min
Delta R.T.: -0.005 min
Response: 3393695
Conc: 19.78 ug/ml



#12 Fluoranthene (C21.85)

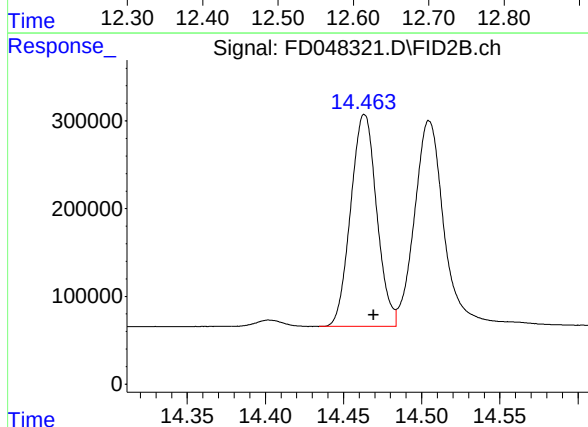
R.T.: 12.303 min
Delta R.T.: -0.006 min
Response: 3217489
Conc: 19.85 ug/ml



#13 Pyrene (C20.8)

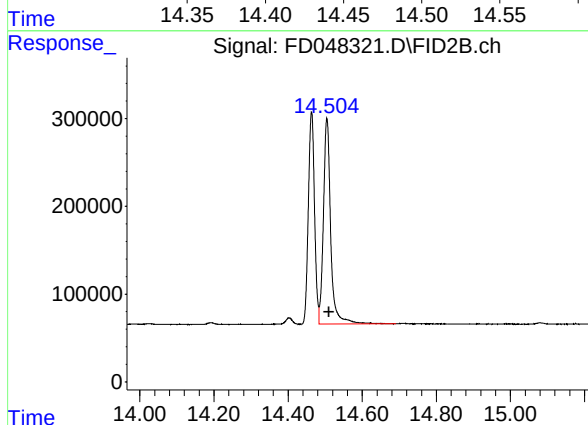
R.T.: 12.596 min
Delta R.T.: -0.006 min
Response: 3195879
Conc: 19.93 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



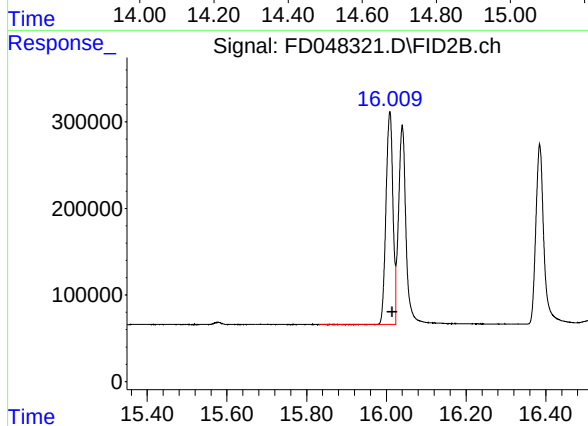
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.463 min
Delta R.T.: -0.006 min
Response: 2796077
Conc: 19.96 ug/ml



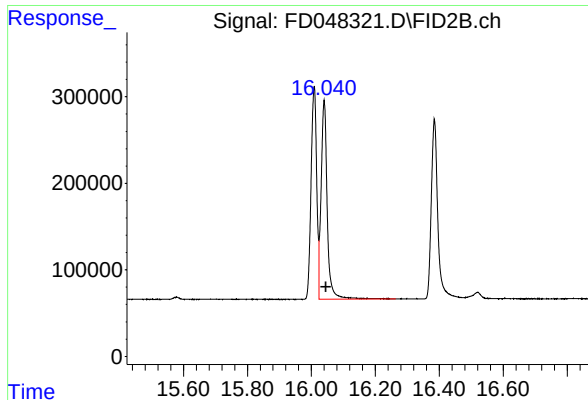
#15 Chrysene (C27.41)

R.T.: 14.505 min
Delta R.T.: -0.006 min
Response: 3207282
Conc: 19.47 ug/ml



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

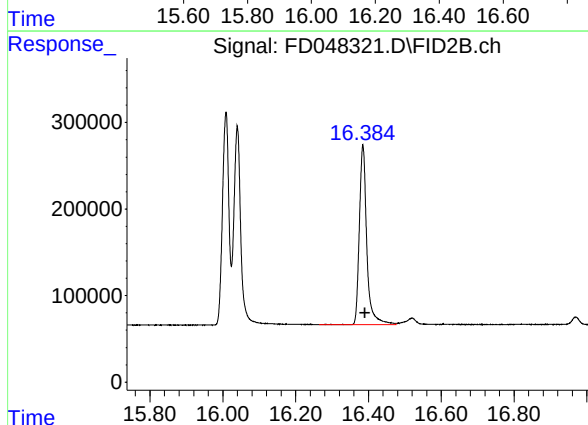
R.T.: 16.009 min
Delta R.T.: -0.007 min
Response: 2971961
Conc: 20.00 ug/ml



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

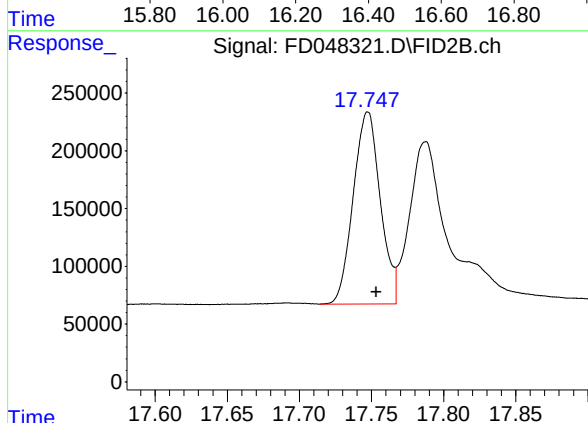
R.T.: 16.040 min
Delta R.T.: -0.006 min
Response: 3038500
Conc: 19.73 ug/ml

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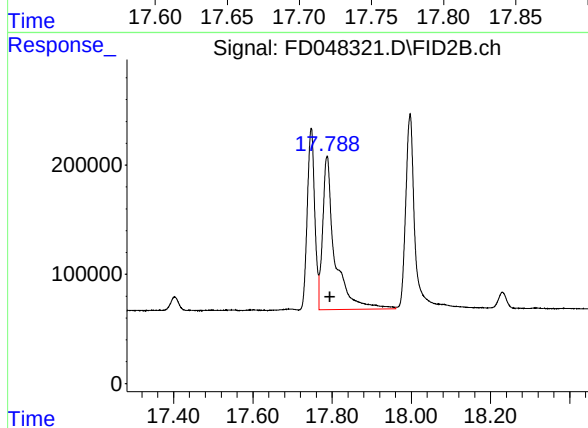
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min
Delta R.T.: -0.006 min
Response: 2925681
Conc: 19.77 ug/ml



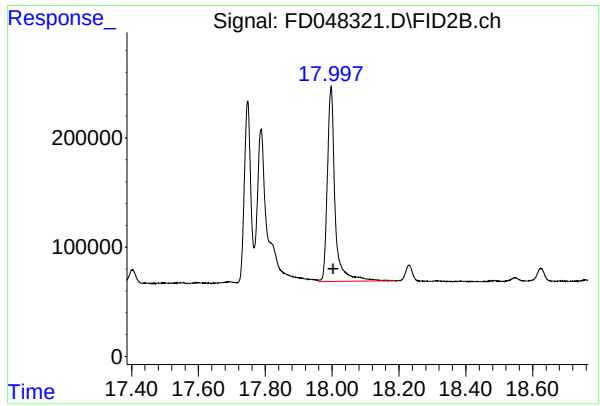
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: -0.006 min
Response: 2171707
Conc: 19.22 ug/ml



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

R.T.: 17.787 min
Delta R.T.: -0.007 min
Response: 3035631
Conc: 19.89 ug/ml



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

R.T.: 17.997 min
Delta R.T.: -0.006 min
Response: 2868947
Conc: 19.46 ug/ml

Instrument :

FID_D

ClientSampleId :

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