

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070324AR\
 Data File : FD047991.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2024 10:23
 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: Jul 04 04:40:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:47:07 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...	7.413	3058108	21.028 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
6) S 2-Fluorobiphenyl (SURR)	8.264	2002830	20.561 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.12%
11) S ortho-Terphenyl (SURR)	11.300	3383650	20.134 ug/ml
Spiked Amount 50.000		Recovery =	40.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.231	3371000	20.974 ug/ml
2) T Naphthalene (C11.7)	5.752	3565176	21.053 ug/ml
3) T 2-Methylnaphthalene (...)	6.800	3574225	20.757 ug/ml
5) T Acenaphthylene (C15.06)	8.066	3497240	20.822 ug/ml
7) T Acenaphthene (C15.5)	8.361	3527691	20.813 ug/ml
8) T Flouorene (C16.55)	9.139	3384654	20.384 ug/ml
9) T Phenanthrene (C19.36)	10.528	3299455	20.154 ug/ml
10) T Anthracene (C19.43)	10.602	3265324	20.077 ug/ml
12) T Fluoranthene (C21.85)	12.331	3249273	19.732 ug/ml
13) T Pyrene (C20.8)	12.624	3226204	19.786 ug/ml
14) T Benzo[a]anthracene (C...	14.493	2946061	19.205 ug/ml
15) T Chrysene (C27.41)	14.534	3199237	19.562 ug/ml
16) T benzo[b]fluoranthene ...	16.040	3026266	19.696 ug/ml
17) T Bnezo[k]fluoranthene ...	16.071	2964958	19.795 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.415	2973443	19.513 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.777	2497795	18.996 ug/ml
20) T Dibenz[a,h]anthracene...	17.818	3128686	19.754 ug/ml
21) T Benzo[g,h,i]perylene ...	18.028	3024985	20.122 ug/ml

(f)=RT Delta > 1/2 Window

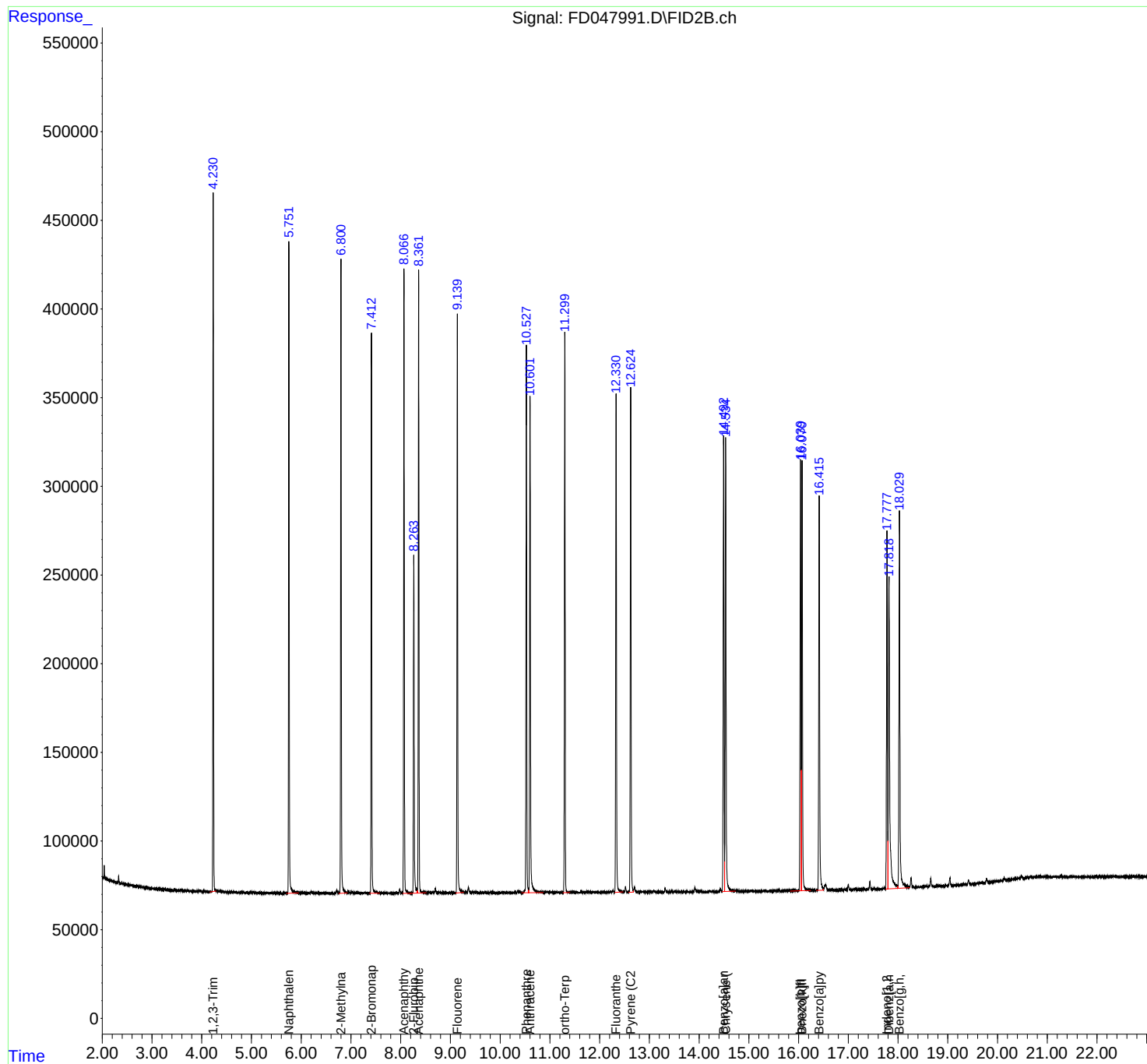
(m)=manual int.

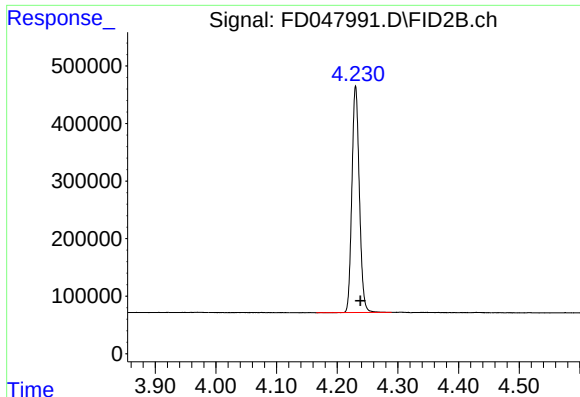
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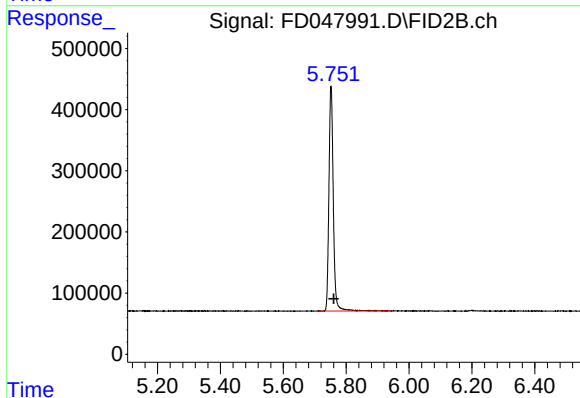




#1 1,2,3-Trimethylbenzene (C10.1)

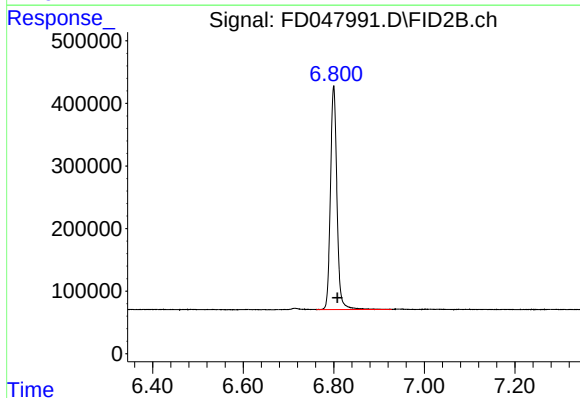
R.T.: 4.231 min
Delta R.T.: -0.008 min
Response: 3371000
Conc: 20.97 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



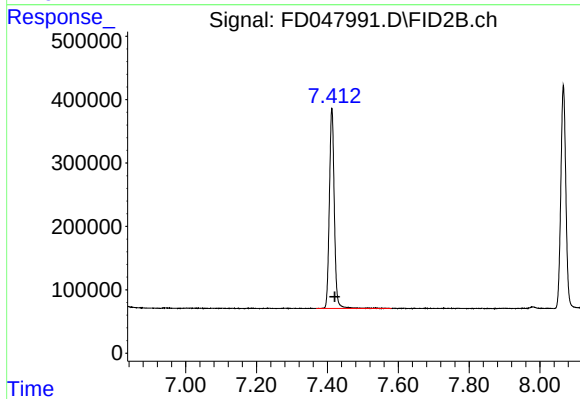
#2 Naphthalene (C11.7)

R.T.: 5.752 min
Delta R.T.: -0.009 min
Response: 3565176
Conc: 21.05 ug/ml



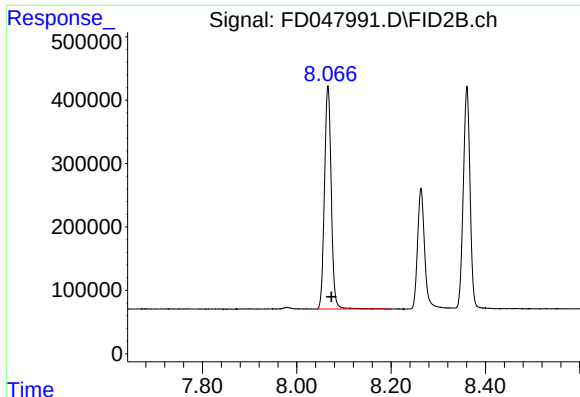
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.800 min
Delta R.T.: -0.008 min
Response: 3574225
Conc: 20.76 ug/ml



#4 2-Bromonaphthalene (SURR)

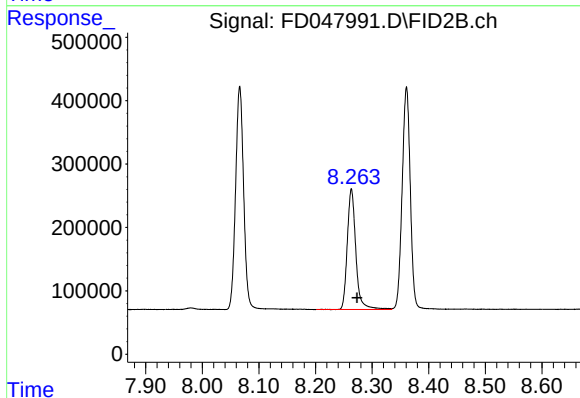
R.T.: 7.413 min
Delta R.T.: -0.008 min
Response: 3058108
Conc: 21.03 ug/ml



#5 Acenaphthylene (C15.06)

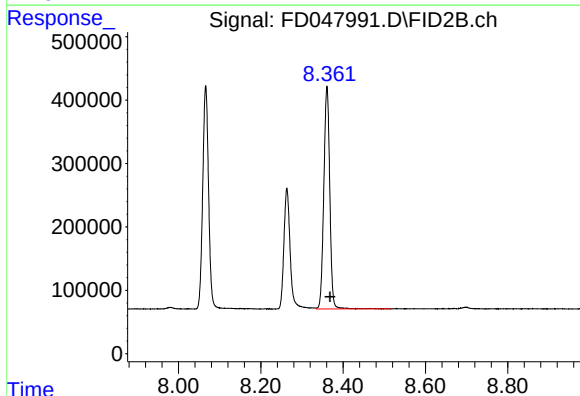
R.T.: 8.066 min
Delta R.T.: -0.007 min
Response: 3497240
Conc: 20.82 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



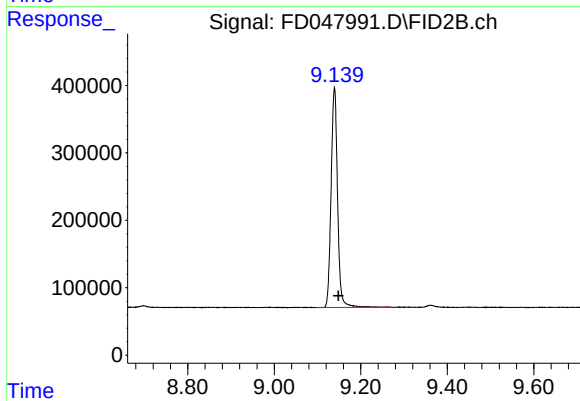
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.264 min
Delta R.T.: -0.009 min
Response: 2002830
Conc: 20.56 ug/ml



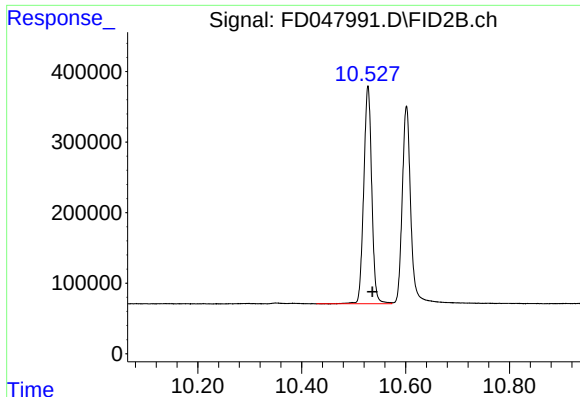
#7 Acenaphthene (C15.5)

R.T.: 8.361 min
Delta R.T.: -0.007 min
Response: 3527691
Conc: 20.81 ug/ml



#8 Flouorene (C16.55)

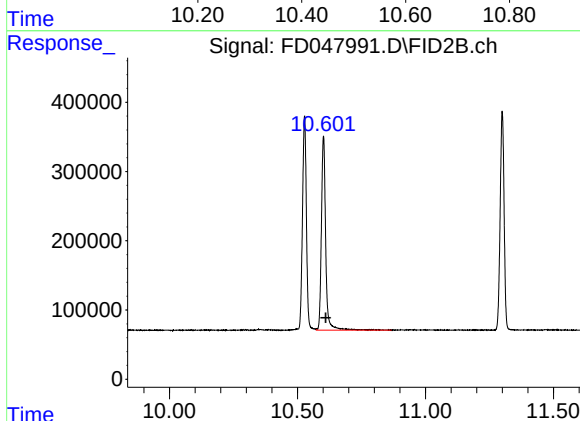
R.T.: 9.139 min
Delta R.T.: -0.009 min
Response: 3384654
Conc: 20.38 ug/ml



#9 Phenanthrene (C19.36)

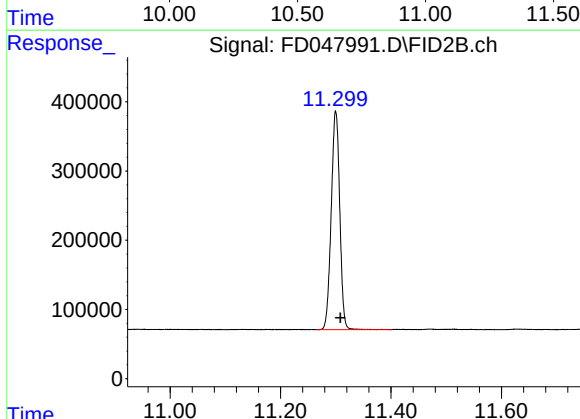
R.T.: 10.528 min
Delta R.T.: -0.009 min
Response: 3299455
Conc: 20.15 ug/ml

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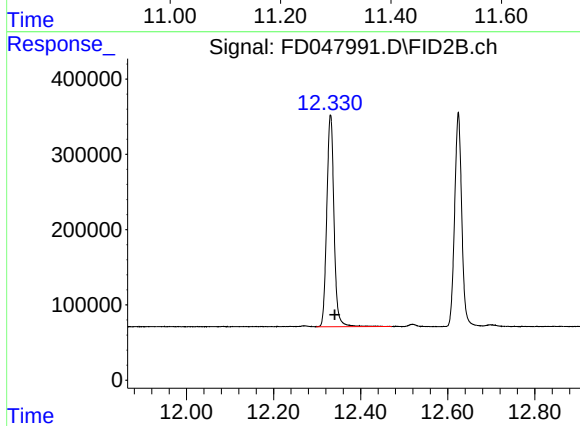
#10 Anthracene (C19.43)

R.T.: 10.602 min
Delta R.T.: -0.009 min
Response: 3265324
Conc: 20.08 ug/ml



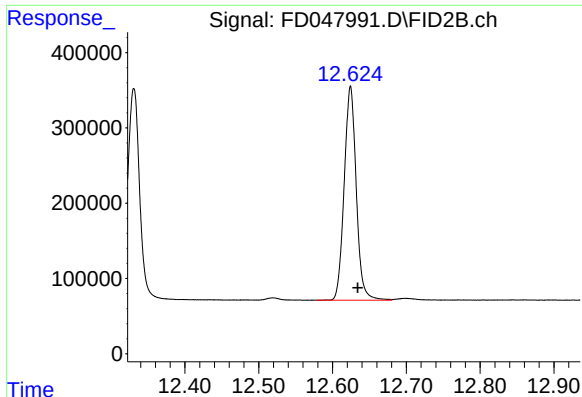
#11 ortho-Terphenyl (SURR)

R.T.: 11.300 min
Delta R.T.: -0.008 min
Response: 3383650
Conc: 20.13 ug/ml



#12 Fluoranthene (C21.85)

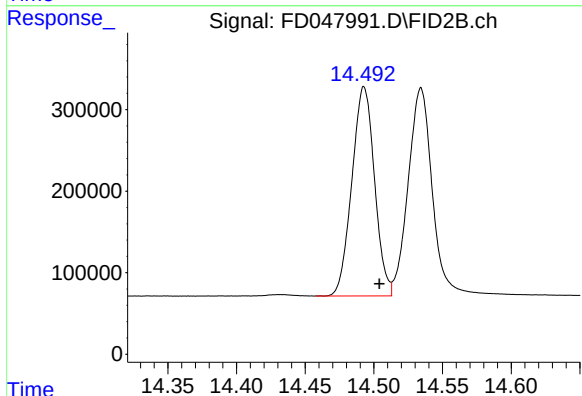
R.T.: 12.331 min
Delta R.T.: -0.010 min
Response: 3249273
Conc: 19.73 ug/ml



#13 Pyrene (C20.8)

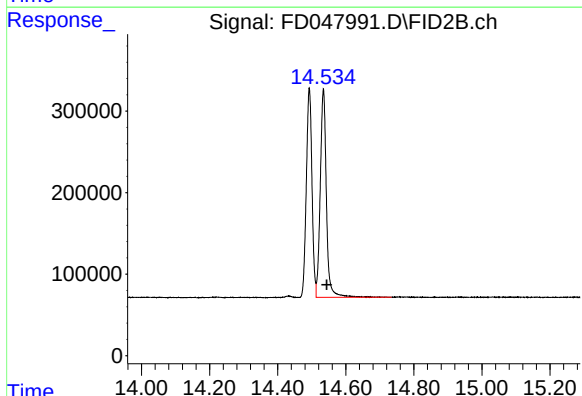
R.T.: 12.624 min
Delta R.T.: -0.010 min
Response: 3226204
Conc: 19.79 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



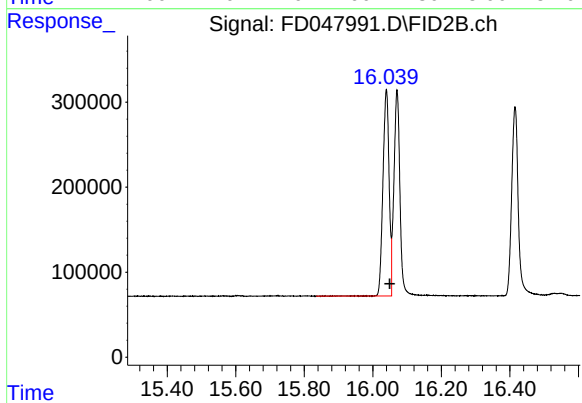
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.493 min
Delta R.T.: -0.011 min
Response: 2946061
Conc: 19.21 ug/ml



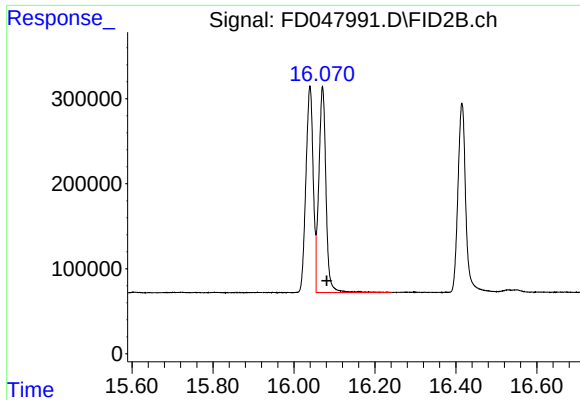
#15 Chrysene (C27.41)

R.T.: 14.534 min
Delta R.T.: -0.010 min
Response: 3199237
Conc: 19.56 ug/ml



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

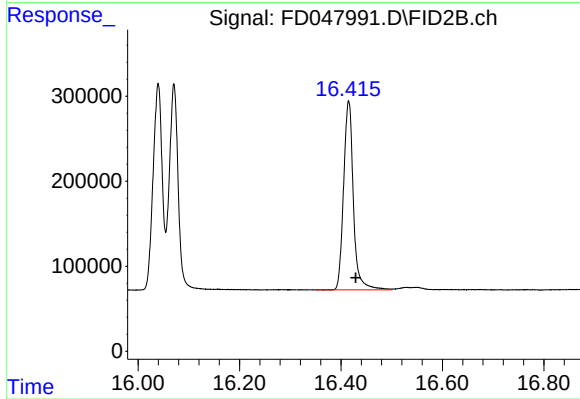
R.T.: 16.040 min
Delta R.T.: -0.010 min
Response: 3026266
Conc: 19.70 ug/ml



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

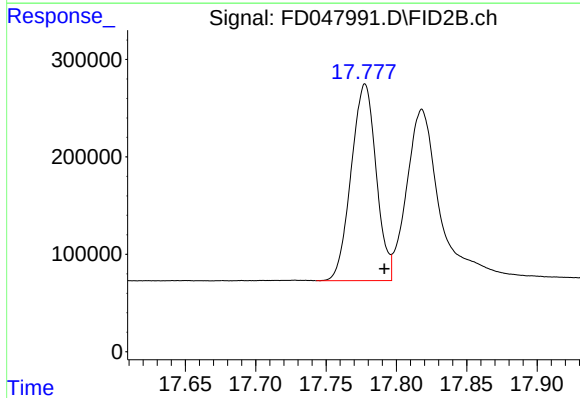
R.T.: 16.071 min
Delta R.T.: -0.010 min
Response: 2964958
Conc: 19.80 ug/ml

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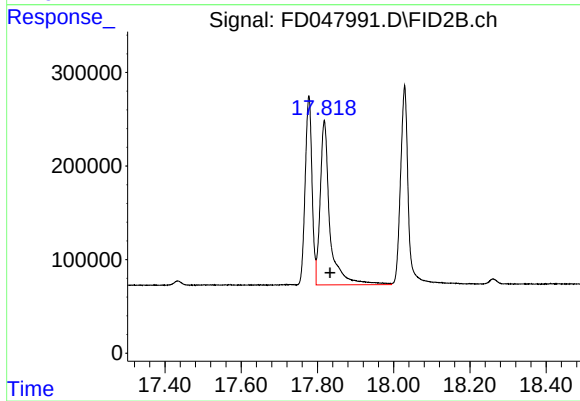
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.415 min
Delta R.T.: -0.014 min
Response: 2973443
Conc: 19.51 ug/ml



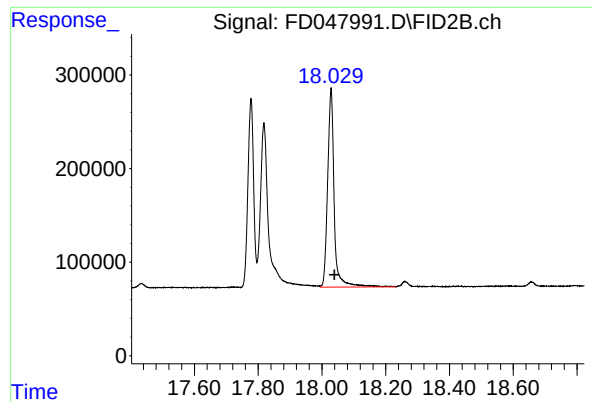
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.777 min
Delta R.T.: -0.014 min
Response: 2497795
Conc: 19.00 ug/ml



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

R.T.: 17.818 min
Delta R.T.: -0.015 min
Response: 3128686
Conc: 19.75 ug/ml



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

R.T.: 18.028 min
Delta R.T.: -0.011 min
Response: 3024985
Conc: 20.12 ug/ml

Instrument :

FID_D

ClientSampleId :

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