

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092024AR\
 Data File : FD048370.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2024 01:08
 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 21 02:16:56 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...	7.384	3047065	20.091 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
6) S 2-Fluorobiphenyl (SURR)	8.234	1977248	20.693 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.39%
11) S ortho-Terphenyl (SURR)	11.271	3497513	20.385 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	3487582	19.770 ug/ml
2) T Naphthalene (C11.7)	5.725	3572258	19.754 ug/ml
3) T 2-Methylnaphthalene (...)	6.771	3553445	19.862 ug/ml
5) T Acenaphthylene (C15.06)	8.037	3483638	19.939 ug/ml
7) T Acenaphthene (C15.5)	8.331	3556095	19.995 ug/ml
8) T Fluorene (C16.55)	9.110	3385872	20.220 ug/ml
9) T Phenanthrene (C19.36)	10.497	3352197	20.763 ug/ml
10) T Anthracene (C19.43)	10.572	2936945	18.456 ug/ml
12) T Fluoranthene (C21.85)	12.301	3358844	20.719 ug/ml
13) T Pyrene (C20.8)	12.595	3327685	20.754 ug/ml
14) T Benzo[a]anthracene (C...	14.464	3020457	21.563 ug/ml
15) T Chrysene (C27.41)	14.505	3170077	19.246 ug/ml
16) T benzo[b]fluoranthene ...	16.010	3181548	21.413 ug/ml
17) T Bnezo[k]fluoranthene ...	16.042	3184061	20.674 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.385	3116808	21.066 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.750	2695121	23.852 ug/ml
20) T Dibenz[a,h]anthracene...	17.790	2827225	18.526 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	3075303	20.863 ug/ml

(f)=RT Delta > 1/2 Window

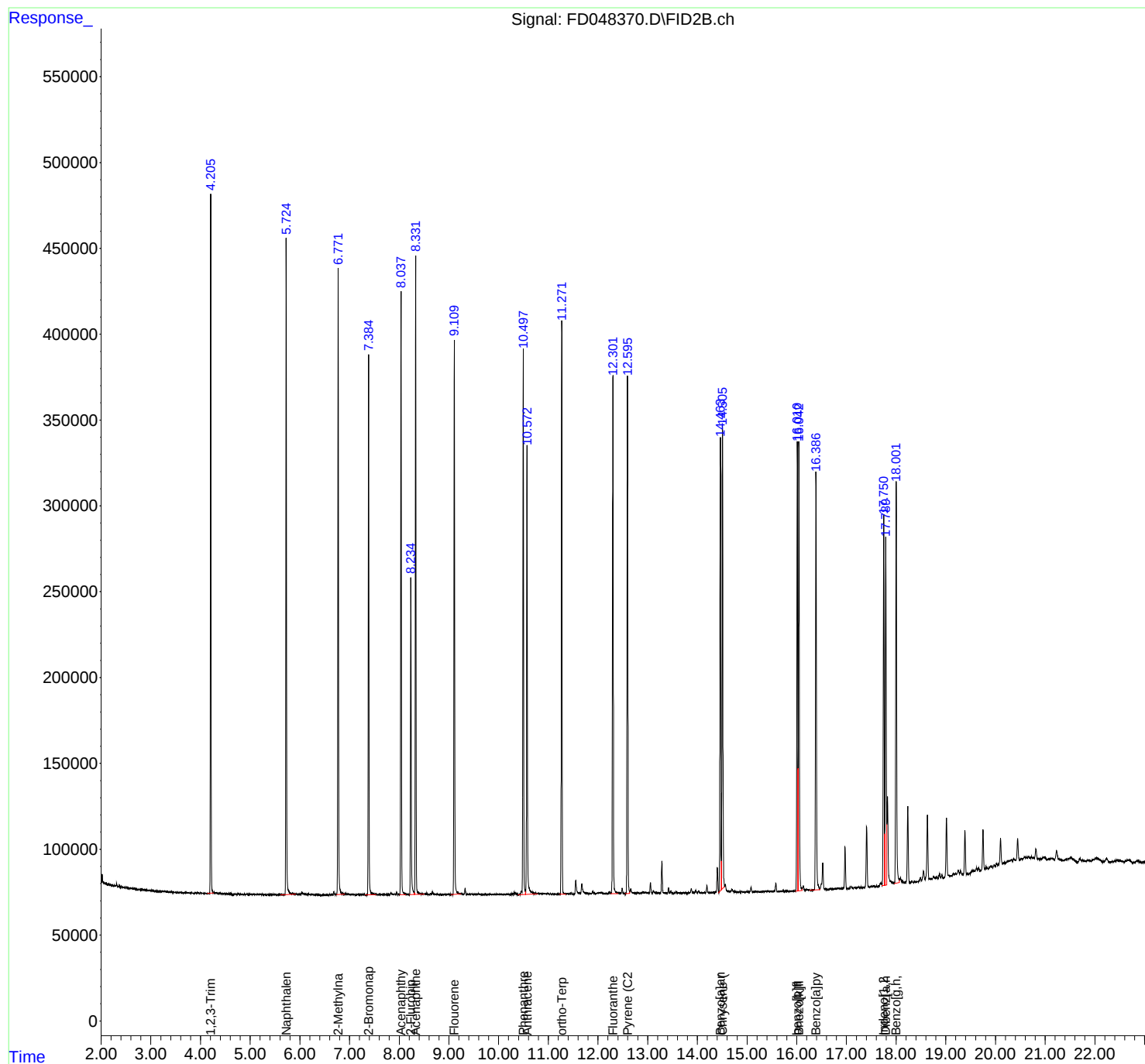
(m)=manual int.

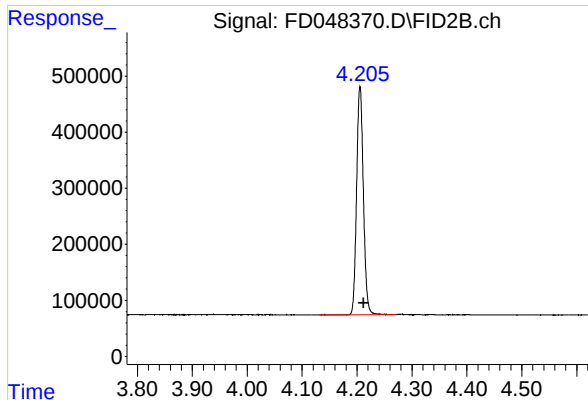
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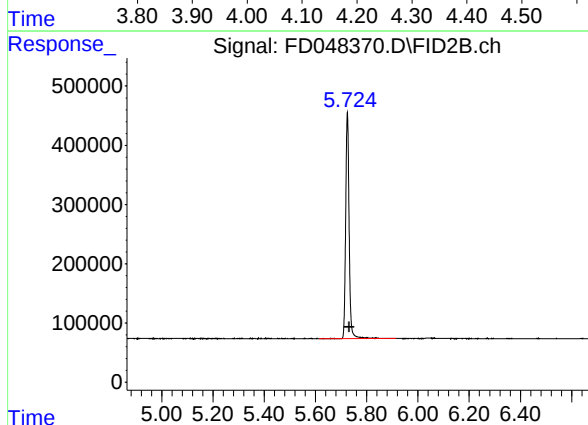




#1 1,2,3-Trimethylbenzene (C10.1)

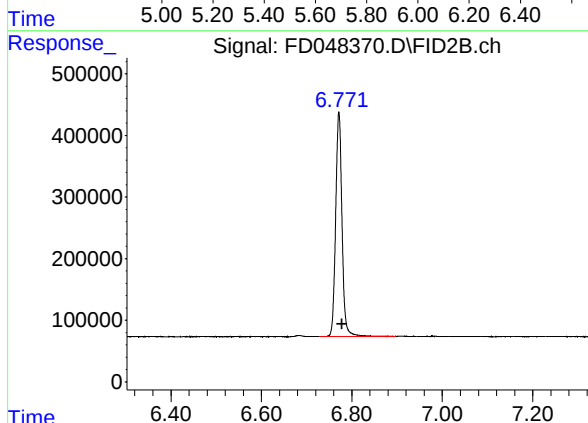
R.T.: 4.205 min
Delta R.T.: -0.006 min
Response: 3487582
Conc: 19.77 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



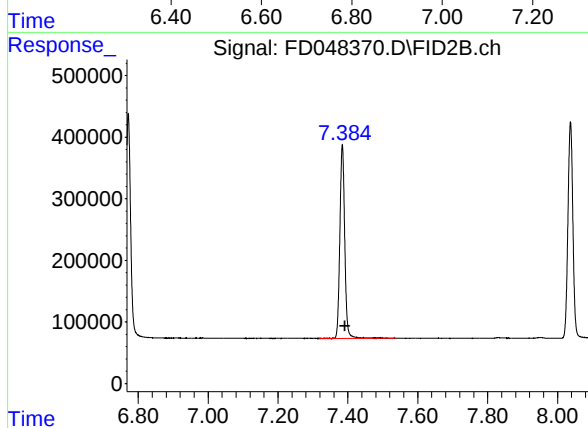
#2 Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: -0.007 min
Response: 3572258
Conc: 19.75 ug/ml



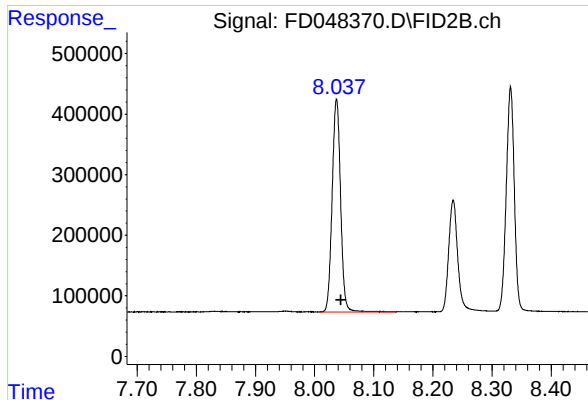
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.771 min
Delta R.T.: -0.007 min
Response: 3553445
Conc: 19.86 ug/ml



#4 2-Bromonaphthalene (SURR)

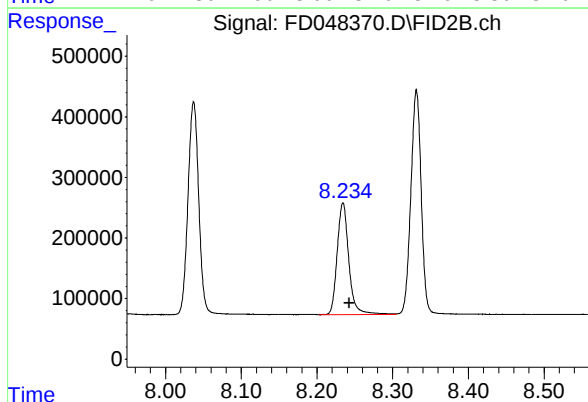
R.T.: 7.384 min
Delta R.T.: -0.007 min
Response: 3047065
Conc: 20.09 ug/ml



#5 Acenaphthylene (C15.06)

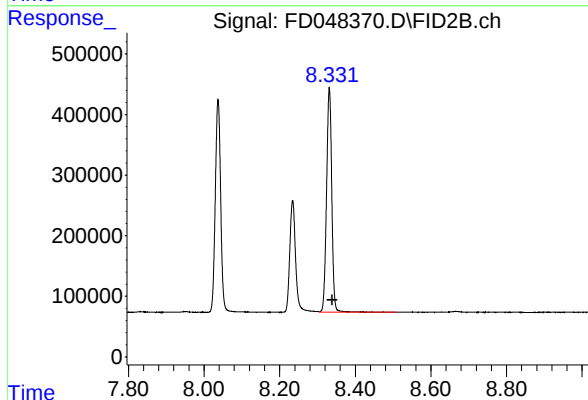
R.T.: 8.037 min
Delta R.T.: -0.008 min
Response: 3483638
Conc: 19.94 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



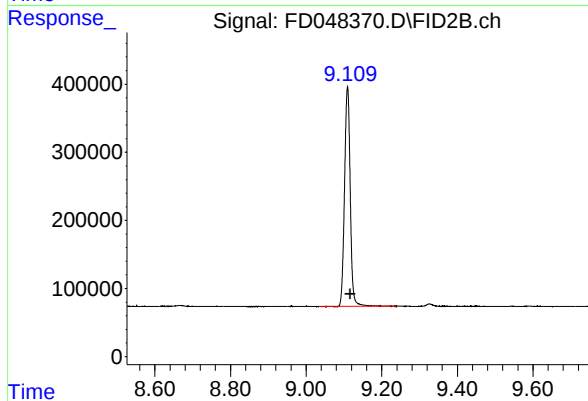
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.234 min
Delta R.T.: -0.008 min
Response: 1977248
Conc: 20.69 ug/ml



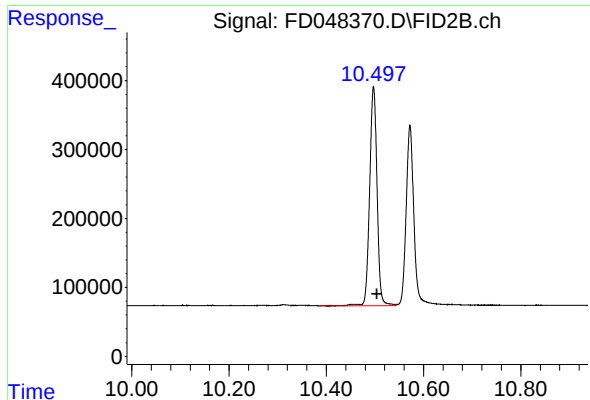
#7 Acenaphthene (C15.5)

R.T.: 8.331 min
Delta R.T.: -0.008 min
Response: 3556095
Conc: 19.99 ug/ml



#8 Flouorene (C16.55)

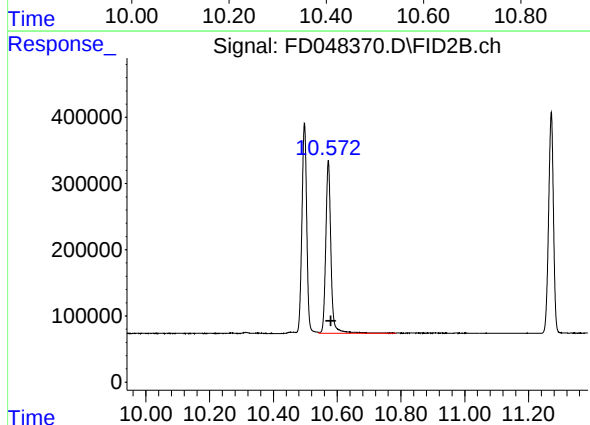
R.T.: 9.110 min
Delta R.T.: -0.008 min
Response: 3385872
Conc: 20.22 ug/ml



#9 Phenanthrene (C19.36)

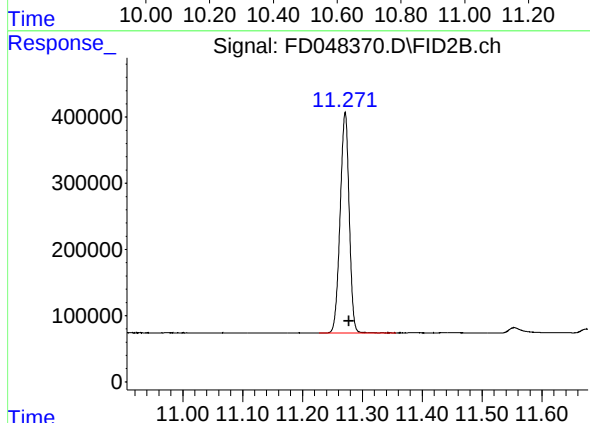
R.T.: 10.497 min
Delta R.T.: -0.007 min
Response: 3352197
Conc: 20.76 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



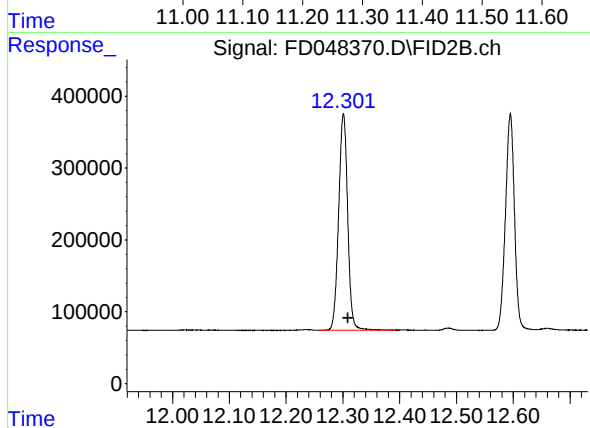
#10 Anthracene (C19.43)

R.T.: 10.572 min
Delta R.T.: -0.008 min
Response: 2936945
Conc: 18.46 ug/ml



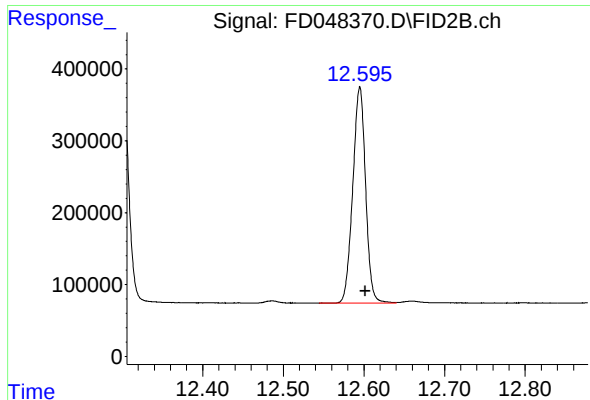
#11 ortho-Terphenyl (SURR)

R.T.: 11.271 min
Delta R.T.: -0.006 min
Response: 3497513
Conc: 20.39 ug/ml



#12 Fluoranthene (C21.85)

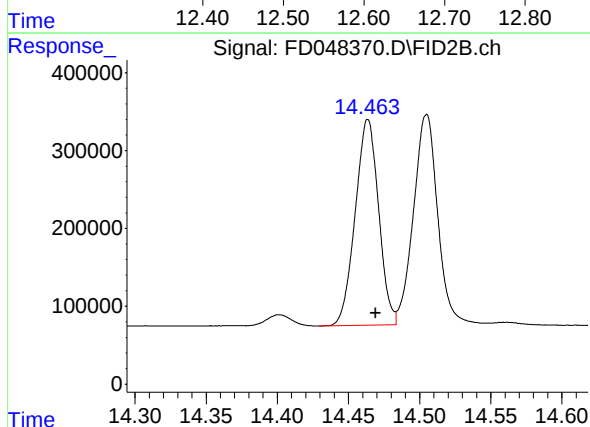
R.T.: 12.301 min
Delta R.T.: -0.008 min
Response: 3358844
Conc: 20.72 ug/ml



#13 Pyrene (C20.8)

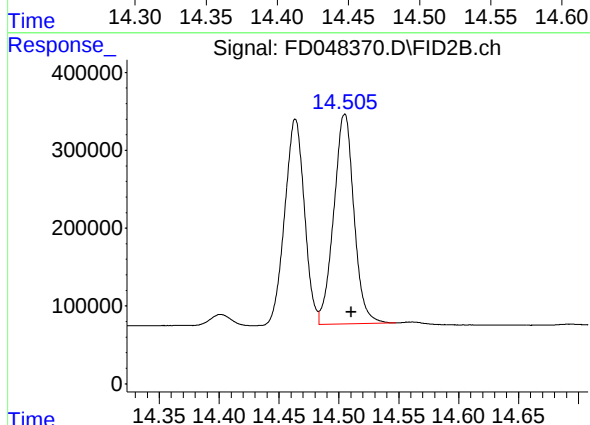
R.T.: 12.595 min
Delta R.T.: -0.007 min
Response: 3327685
Conc: 20.75 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



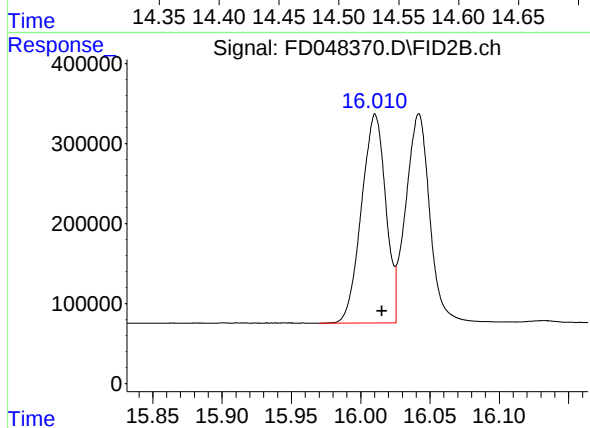
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: -0.006 min
Response: 3020457
Conc: 21.56 ug/ml



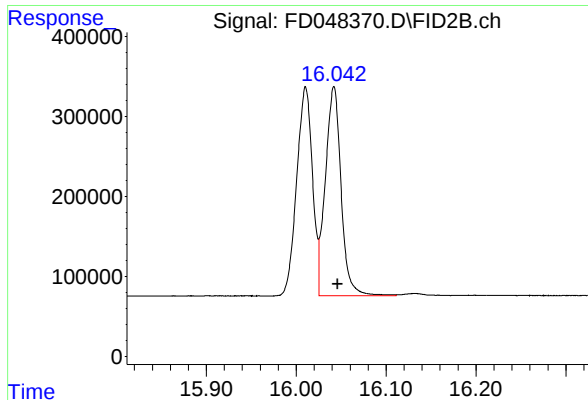
#15 Chrysene (C27.41)

R.T.: 14.505 min
Delta R.T.: -0.006 min
Response: 3170077
Conc: 19.25 ug/ml



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

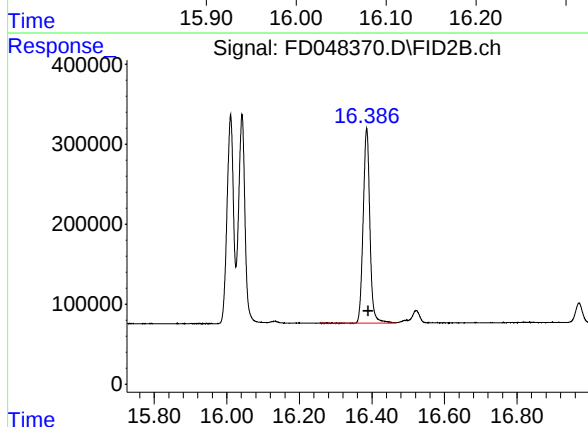
R.T.: 16.010 min
Delta R.T.: -0.005 min
Response: 3181548
Conc: 21.41 ug/ml



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

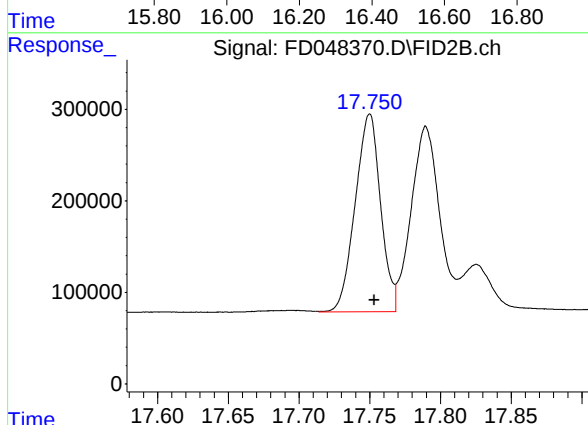
R.T.: 16.042 min
Delta R.T.: -0.004 min
Response: 3184061
Conc: 20.67 ug/ml

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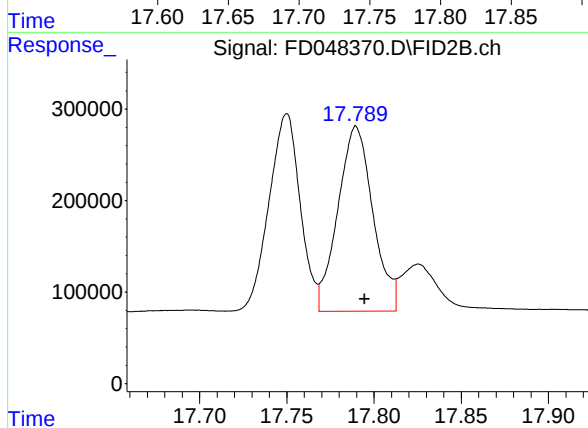
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.385 min
Delta R.T.: -0.005 min
Response: 3116808
Conc: 21.07 ug/ml



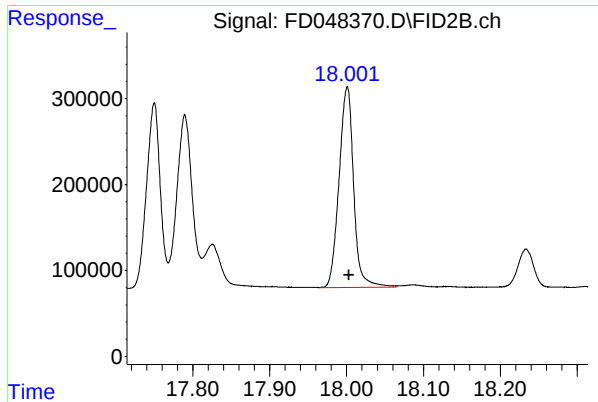
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.750 min
Delta R.T.: -0.004 min
Response: 2695121
Conc: 23.85 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.005 min
Response: 2827225
Conc: 18.53 ug/ml



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

R.T.: 18.001 min
Delta R.T.: -0.002 min
Response: 3075303
Conc: 20.86 ug/ml

Instrument :

FID_D

ClientSampleId :

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