

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111124AR\
 Data File : FD048689.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 09:10
 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: Nov 11 20:44:34 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 23 18:14:59 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...	7.367	3017934	19.884 ug/ml
Spiked Amount 50.000		Recovery =	39.77%
6) S 2-Fluorobiphenyl (SURR)	8.218	1938268	19.740 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.48%
11) S ortho-Terphenyl (SURR)	11.252	3408150	20.008 ug/ml
Spiked Amount 50.000		Recovery =	40.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	3530865	20.296 ug/ml
2) T Naphthalene (C11.7)	5.708	3589955	20.119 ug/ml
3) T 2-Methylnaphthalene (...)	6.755	3559196	19.899 ug/ml
5) T Acenaphthylene (C15.06)	8.020	3487503	19.861 ug/ml
7) T Acenaphthene (C15.5)	8.314	3533850	19.924 ug/ml
8) T Fluorene (C16.55)	9.093	3327955	19.688 ug/ml
9) T Phenanthrene (C19.36)	10.479	3266541	19.761 ug/ml
10) T Anthracene (C19.43)	10.555	2843604	17.783 ug/ml
12) T Fluoranthene (C21.85)	12.284	3283103	19.949 ug/ml
13) T Pyrene (C20.8)	12.577	3240955	20.120 ug/ml
14) T Benzo[a]anthracene (C...	14.446	2895459	19.803 ug/ml
15) T Chrysene (C27.41)	14.487	3221211	19.583 ug/ml
16) T benzo[b]fluoranthene ...	15.993	3134700	20.619 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	3063111	20.379 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	3044849	20.232 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	2566633	19.671 ug/ml
20) T Dibenz[a,h]anthracene...	17.774	3114876	19.141 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	3172953	20.726 ug/ml

(f)=RT Delta > 1/2 Window

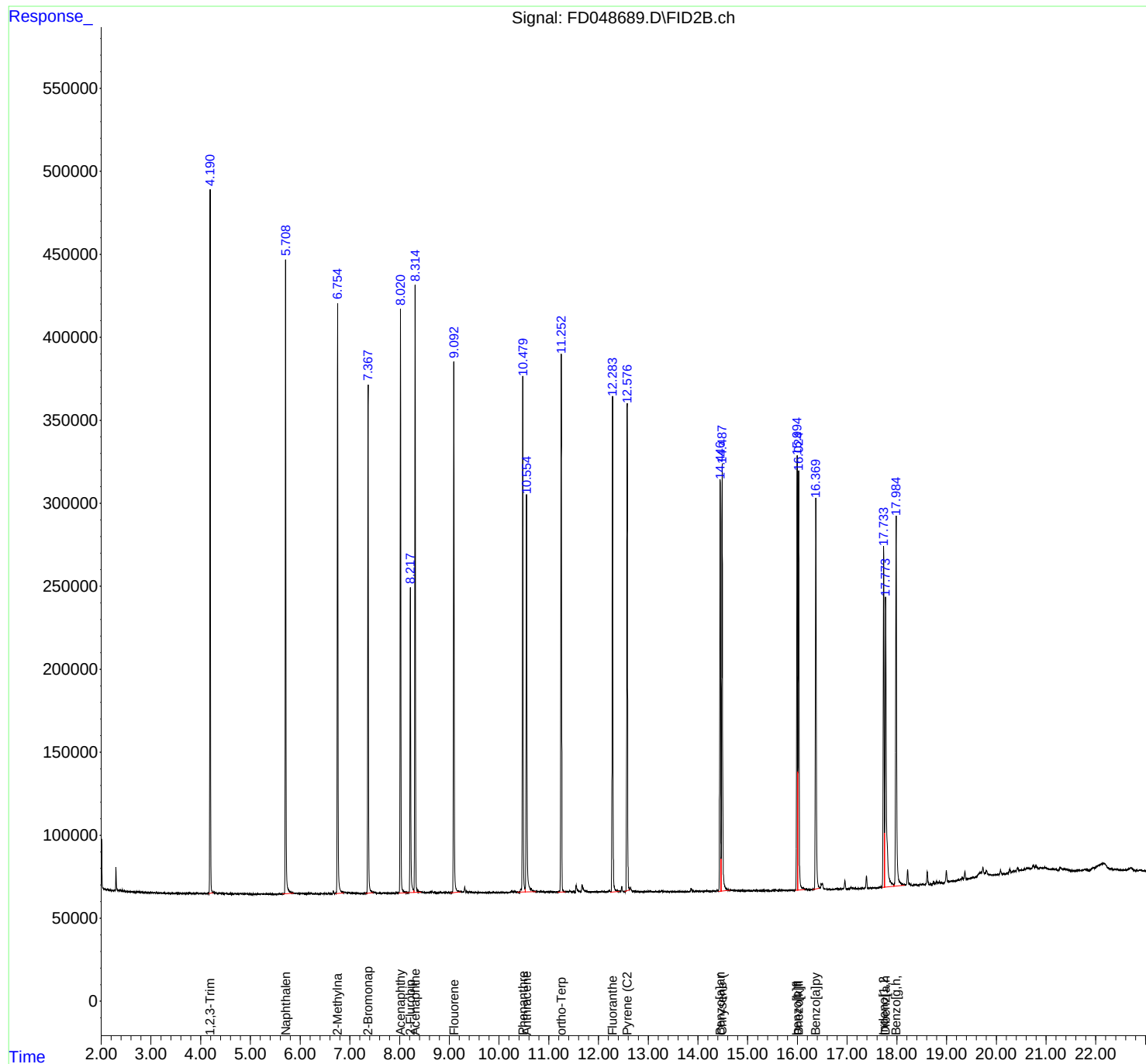
(m)=manual int.

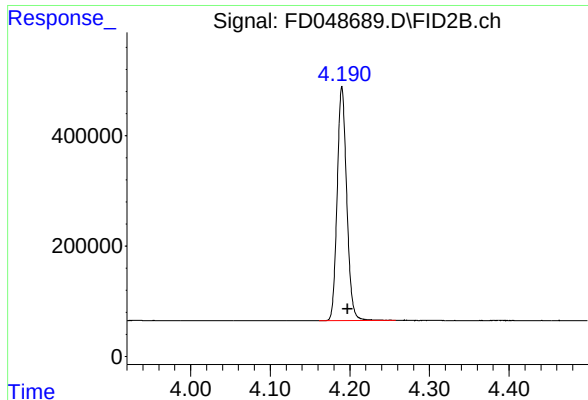
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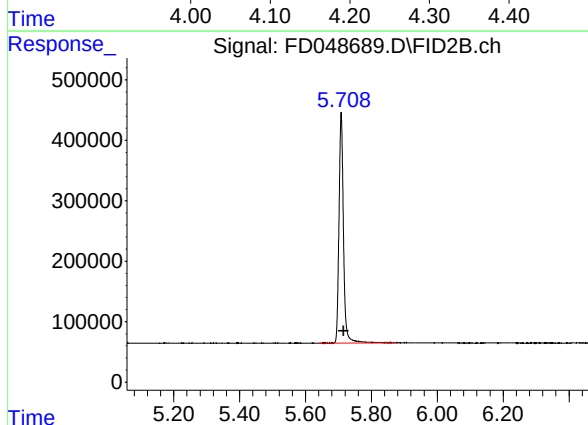




#1 1,2,3-Trimethylbenzene (C10.1)

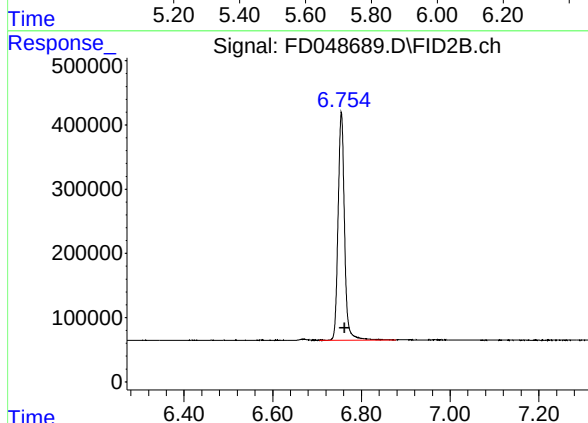
R.T.: 4.190 min
Delta R.T.: -0.007 min
Response: 3530865
Conc: 20.30 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



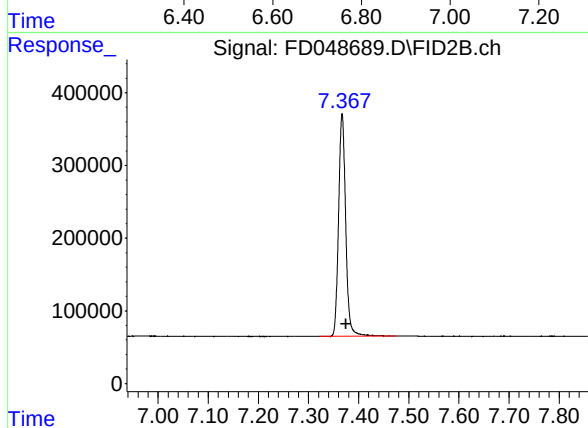
#2 Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: -0.007 min
Response: 3589955
Conc: 20.12 ug/ml



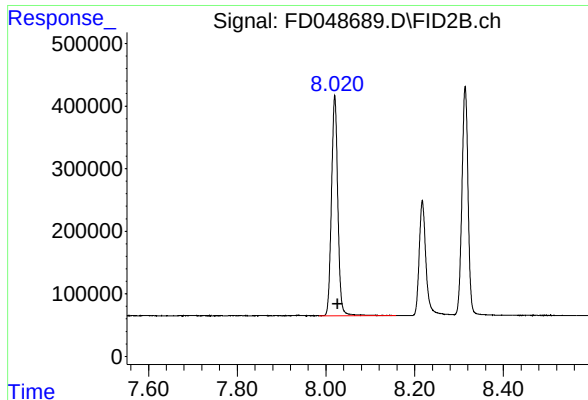
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.755 min
Delta R.T.: -0.007 min
Response: 3559196
Conc: 19.90 ug/ml



#4 2-Bromonaphthalene (SURR)

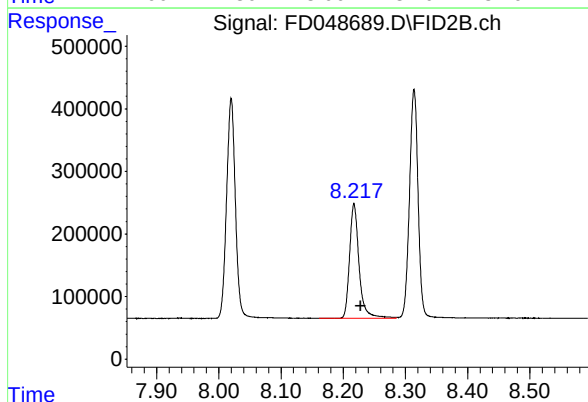
R.T.: 7.367 min
Delta R.T.: -0.007 min
Response: 3017934
Conc: 19.88 ug/ml



#5 Acenaphthylene (C15.06)

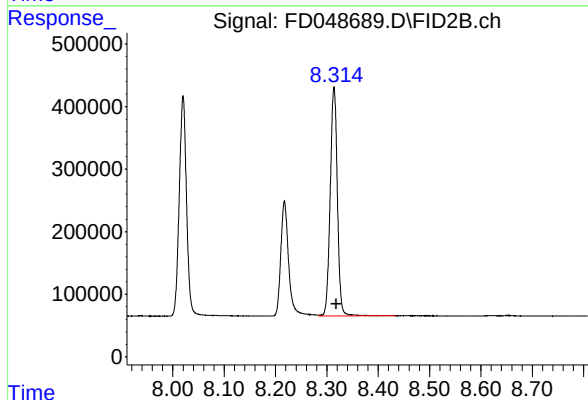
R.T.: 8.020 min
Delta R.T.: -0.006 min
Response: 3487503
Conc: 19.86 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



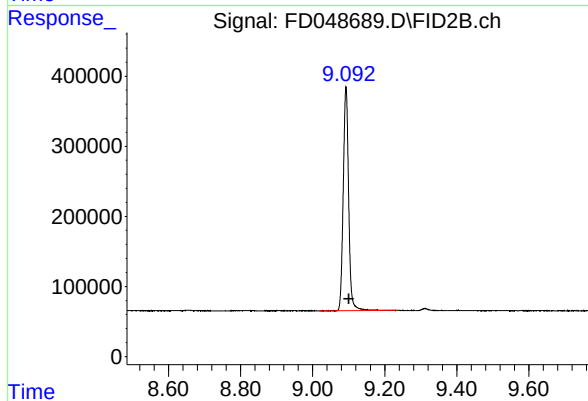
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: -0.011 min
Response: 1938268
Conc: 19.74 ug/ml



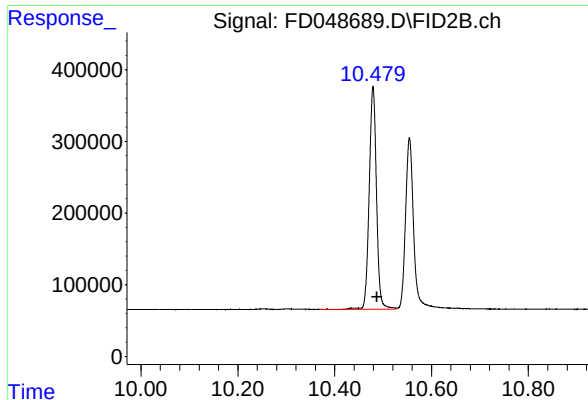
#7 Acenaphthene (C15.5)

R.T.: 8.314 min
Delta R.T.: -0.005 min
Response: 3533850
Conc: 19.92 ug/ml



#8 Flouorene (C16.55)

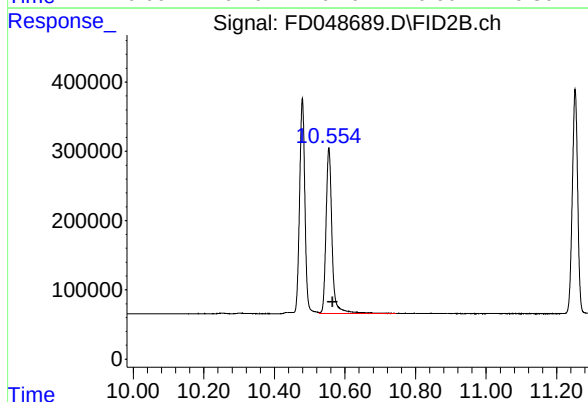
R.T.: 9.093 min
Delta R.T.: -0.008 min
Response: 3327955
Conc: 19.69 ug/ml



#9 Phenanthrene (C19.36)

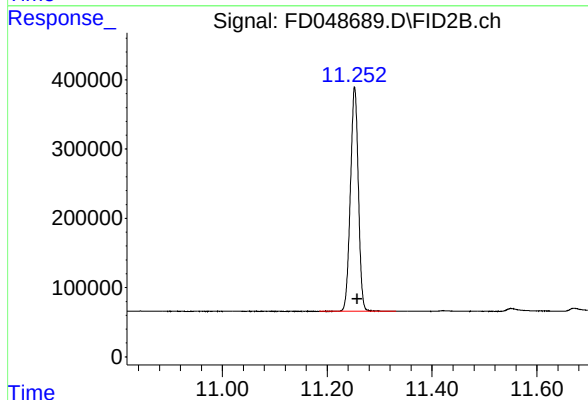
R.T.: 10.479 min
Delta R.T.: -0.008 min
Response: 3266541
Conc: 19.76 ug/ml

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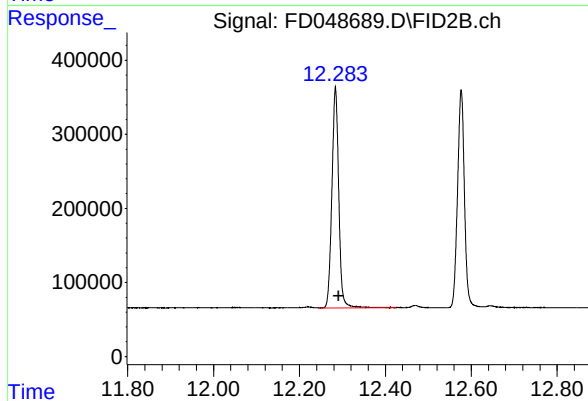
#10 Anthracene (C19.43)

R.T.: 10.555 min
Delta R.T.: -0.010 min
Response: 2843604
Conc: 17.78 ug/ml



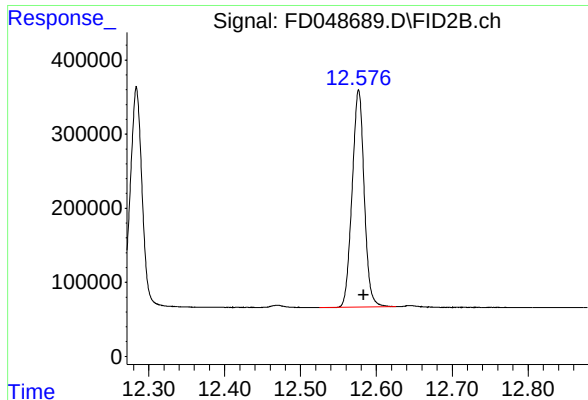
#11 ortho-Terphenyl (SURR)

R.T.: 11.252 min
Delta R.T.: -0.005 min
Response: 3408150
Conc: 20.01 ug/ml



#12 Fluoranthene (C21.85)

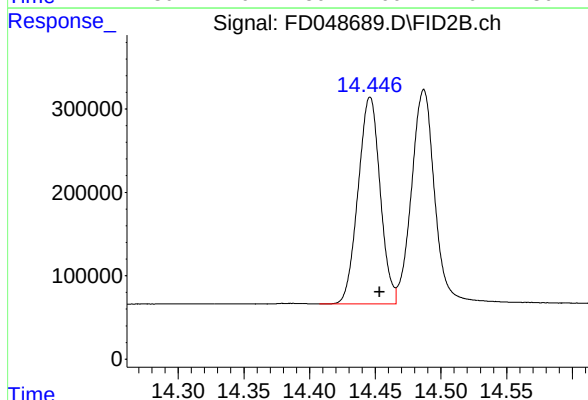
R.T.: 12.284 min
Delta R.T.: -0.008 min
Response: 3283103
Conc: 19.95 ug/ml



#13 Pyrene (C20.8)

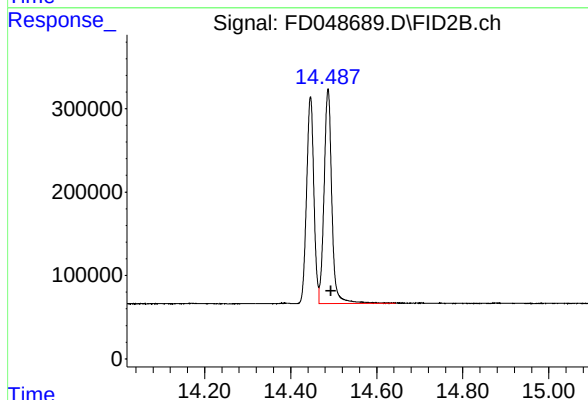
R.T.: 12.577 min
Delta R.T.: -0.007 min
Response: 3240955
Conc: 20.12 ug/ml

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20 PPM AROMATIC HC STD



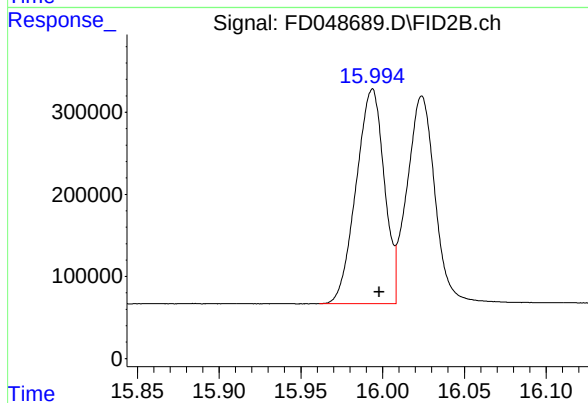
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: -0.007 min
Response: 2895459
Conc: 19.80 ug/ml



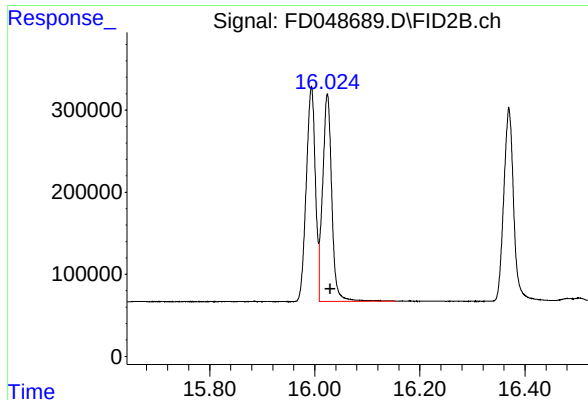
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: -0.006 min
Response: 3221211
Conc: 19.58 ug/ml



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

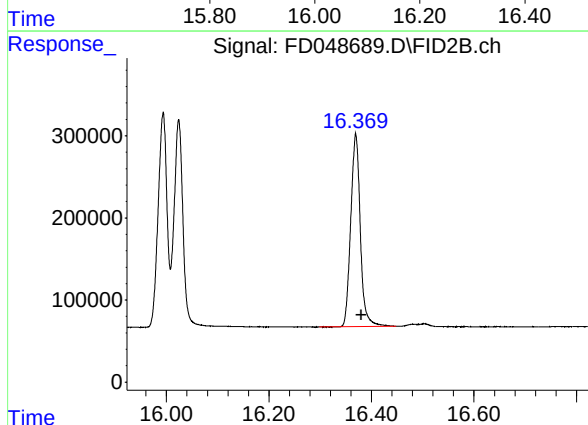
R.T.: 15.993 min
Delta R.T.: -0.004 min
Response: 3134700
Conc: 20.62 ug/ml



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

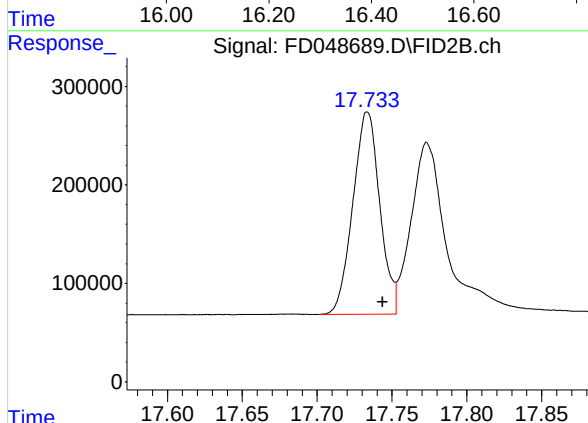
R.T.: 16.024 min
Delta R.T.: -0.006 min
Response: 3063111
Conc: 20.38 ug/ml

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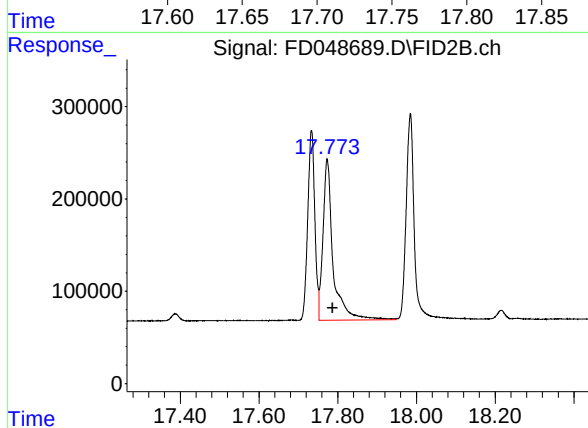
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min
Delta R.T.: -0.011 min
Response: 3044849
Conc: 20.23 ug/ml



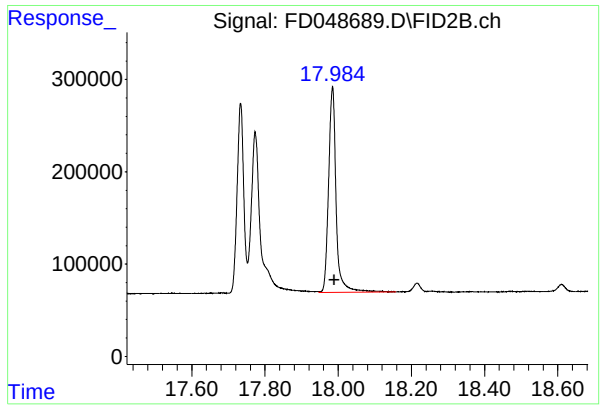
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.734 min
Delta R.T.: -0.010 min
Response: 2566633
Conc: 19.67 ug/ml



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

R.T.: 17.774 min
Delta R.T.: -0.013 min
Response: 3114876
Conc: 19.14 ug/ml



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

R.T.: 17.984 min
Delta R.T.: -0.005 min
Response: 3172953
Conc: 20.73 ug/ml

Instrument :

FID_D

ClientSampleId :

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