

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112124AR\
 Data File : FD048790.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2024 10:39
 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 22 00:49:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 14 14:16:25 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...	7.364	3659880	20.788 ug/ml
Spiked Amount 50.000		Recovery =	41.58%
6) S 2-Fluorobiphenyl (SURR)	8.215	2408504	20.913 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.83%
11) S ortho-Terphenyl (SURR)	11.251	4036886	20.989 ug/ml
Spiked Amount 50.000		Recovery =	41.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.188	4015792	21.308 ug/ml
2) T Naphthalene (C11.7)	5.705	4091691	20.922 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	4017788	21.024 ug/ml
5) T Acenaphthylene (C15.06)	8.017	4076957	21.023 ug/ml
7) T Acenaphthene (C15.5)	8.311	4032473	20.965 ug/ml
8) T Fluorene (C16.55)	9.091	4032609	21.019 ug/ml
9) T Phenanthrene (C19.36)	10.478	3863814	21.079 ug/ml
10) T Anthracene (C19.43)	10.554	3624397	19.354 ug/ml
12) T Fluoranthene (C21.85)	12.282	3886332	21.223 ug/ml
13) T Pyrene (C20.8)	12.576	3745570	20.717 ug/ml
14) T Benzo[a]anthracene (C...	14.446	3415107	20.760 ug/ml
15) T Chrysene (C27.41)	14.487	3611256	20.634 ug/ml
16) T benzo[b]fluoranthene ...	15.993	3201497	20.376 ug/ml
17) T Bnezo[k]fluoranthene ...	16.024	3557016	21.796 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.370	2987515	20.037 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.734	2444555	19.789 ug/ml
20) T Dibenz[a,h]anthracene...	17.773	3424430	21.838 ug/ml
21) T Benzo[g,h,i]perylene ...	17.984	2720154	19.064 ug/ml

(f)=RT Delta > 1/2 Window

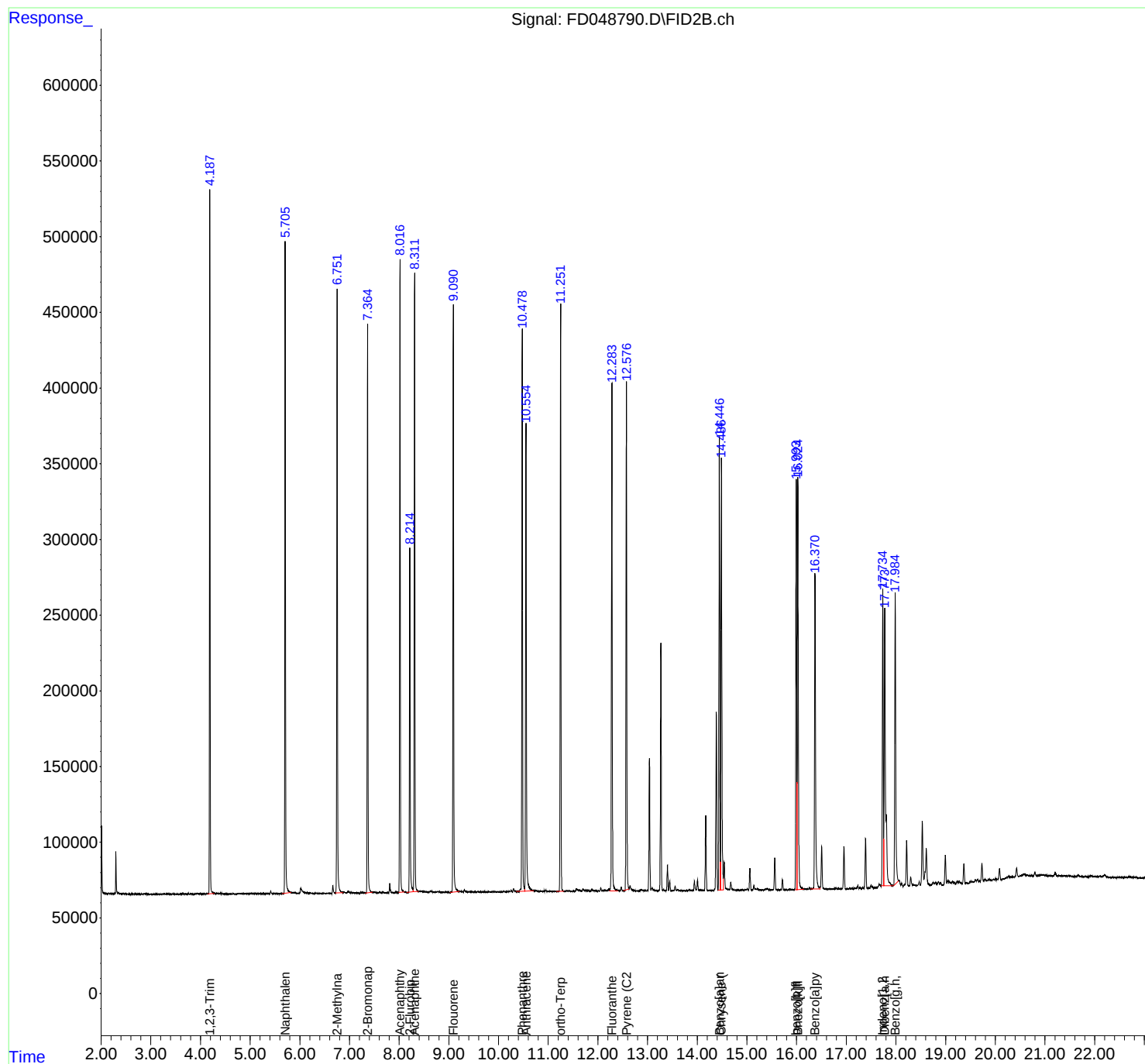
(m)=manual int.

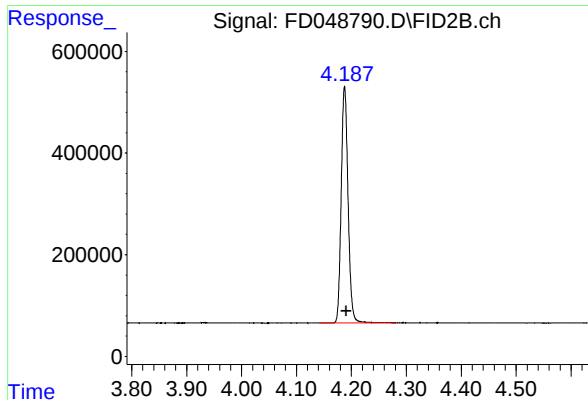
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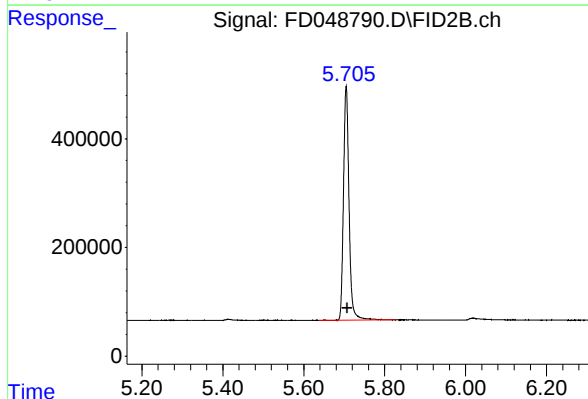




#1 1,2,3-Trimethylbenzene (C10.1)

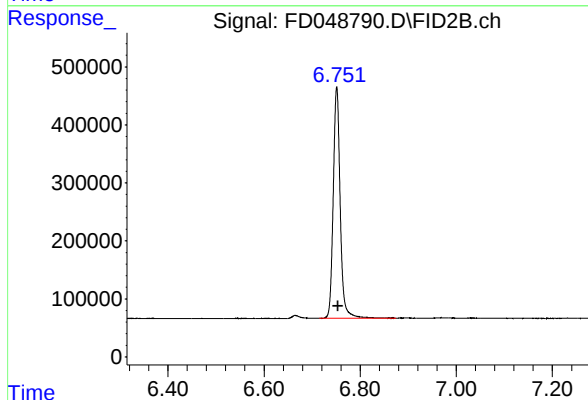
R.T.: 4.188 min
Delta R.T.: -0.003 min
Response: 4015792
Conc: 21.31 ug/ml

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20 PPM AROMATIC HC STD



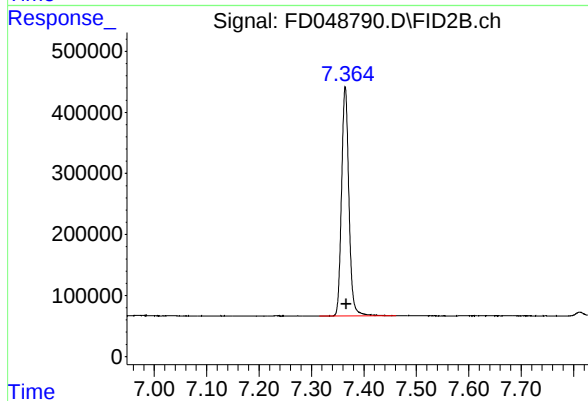
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: -0.003 min
Response: 4091691
Conc: 20.92 ug/ml



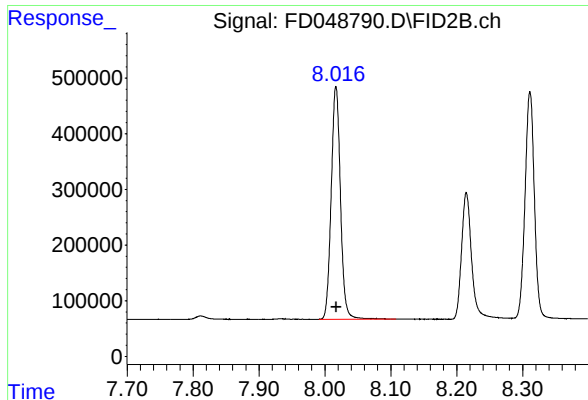
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: -0.002 min
Response: 4017788
Conc: 21.02 ug/ml



#4 2-Bromonaphthalene (SURR)

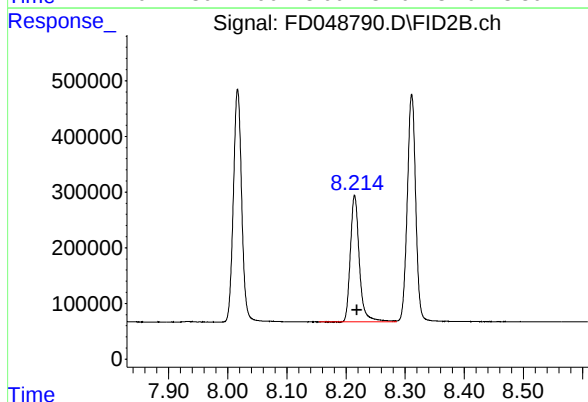
R.T.: 7.364 min
Delta R.T.: -0.002 min
Response: 3659880
Conc: 20.79 ug/ml



#5 Acenaphthylene (C15.06)

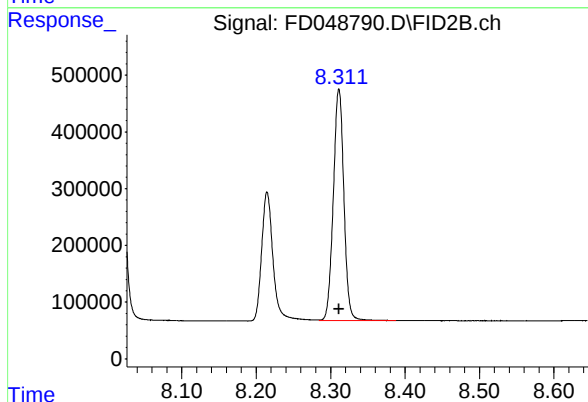
R.T.: 8.017 min
Delta R.T.: 0.000 min
Response: 4076957
Conc: 21.02 ug/ml

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20 PPM AROMATIC HC STD



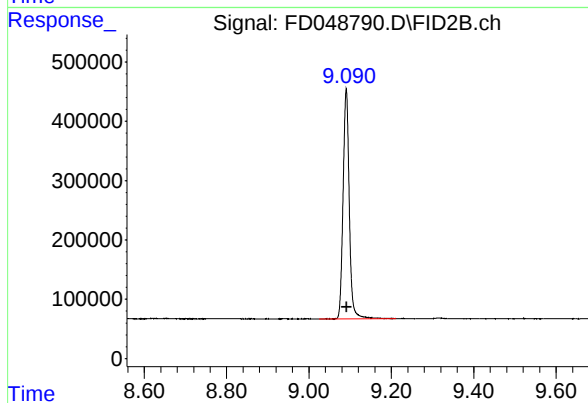
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.004 min
Response: 2408504
Conc: 20.91 ug/ml



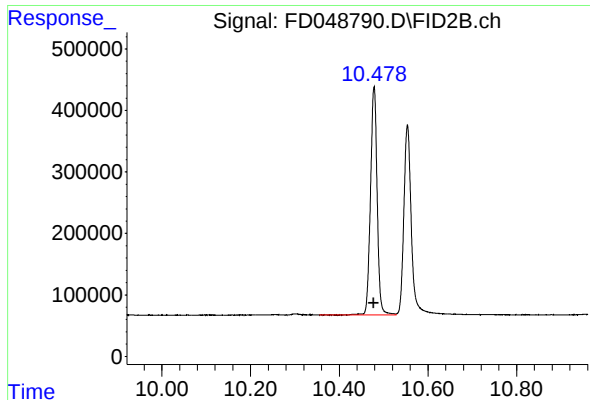
#7 Acenaphthene (C15.5)

R.T.: 8.311 min
Delta R.T.: 0.000 min
Response: 4032473
Conc: 20.96 ug/ml



#8 Flouorene (C16.55)

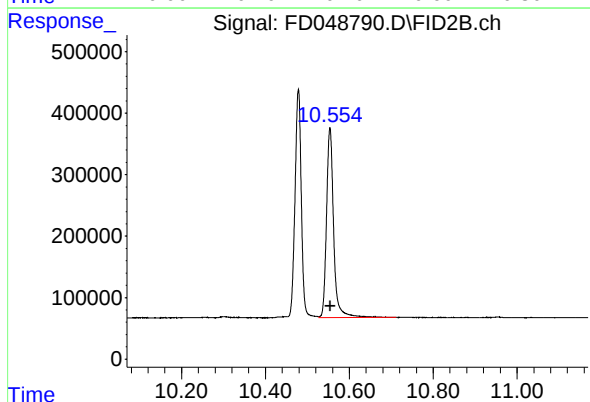
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 4032609
Conc: 21.02 ug/ml



#9 Phenanthrene (C19.36)

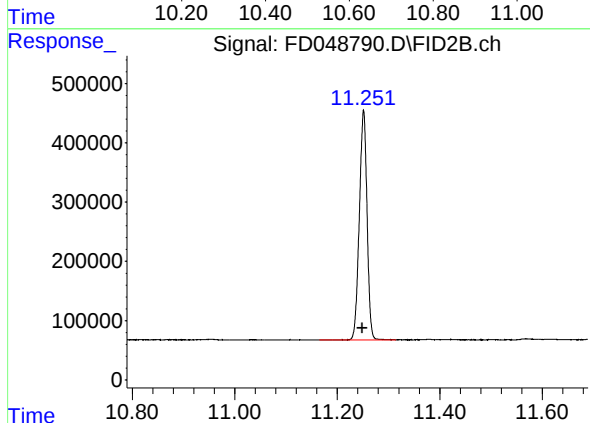
R.T.: 10.478 min
Delta R.T.: 0.000 min
Response: 3863814
Conc: 21.08 ug/ml

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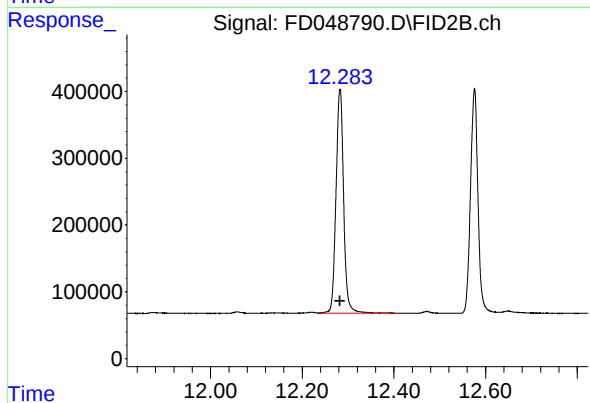
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.000 min
Response: 3624397
Conc: 19.35 ug/ml



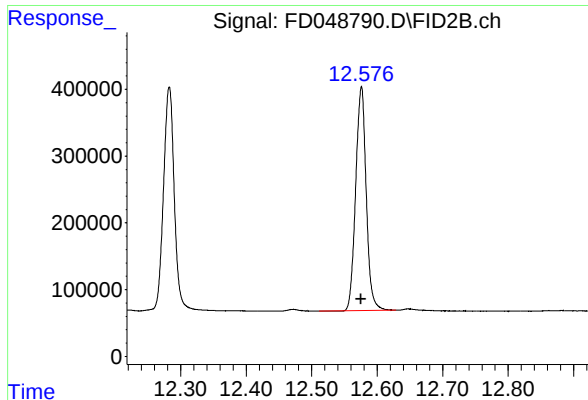
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.003 min
Response: 4036886
Conc: 20.99 ug/ml



#12 Fluoranthene (C21.85)

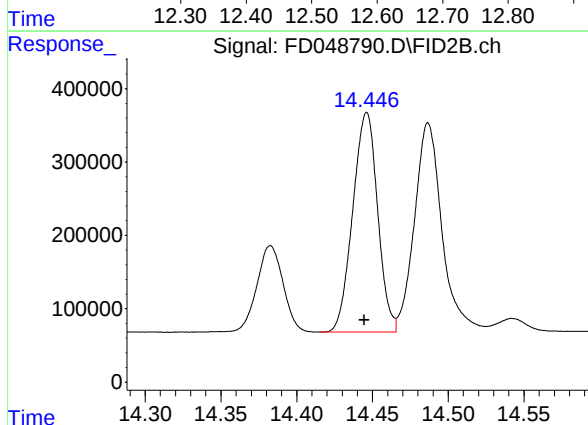
R.T.: 12.282 min
Delta R.T.: 0.000 min
Response: 3886332
Conc: 21.22 ug/ml



#13 Pyrene (C20.8)

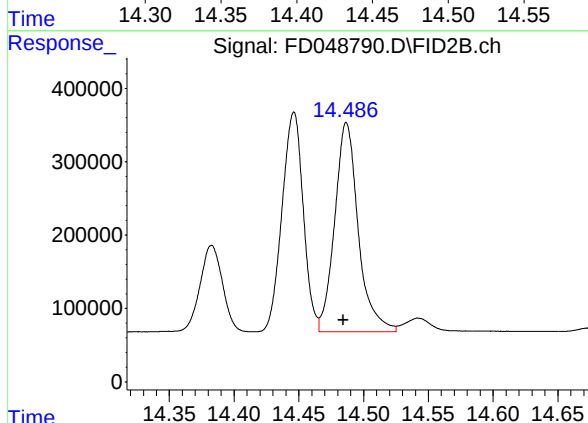
R.T.: 12.576 min
Delta R.T.: 0.000 min
Response: 3745570
Conc: 20.72 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



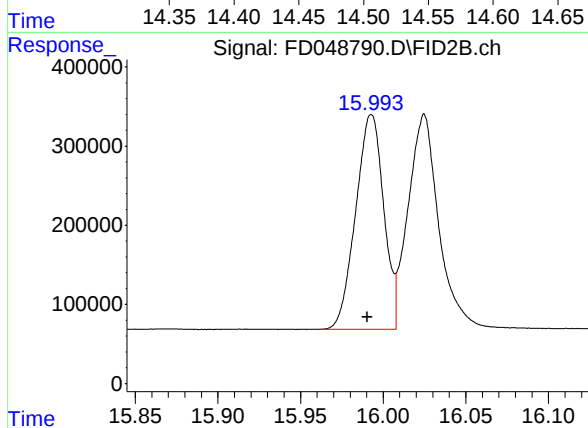
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: 0.001 min
Response: 3415107
Conc: 20.76 ug/ml



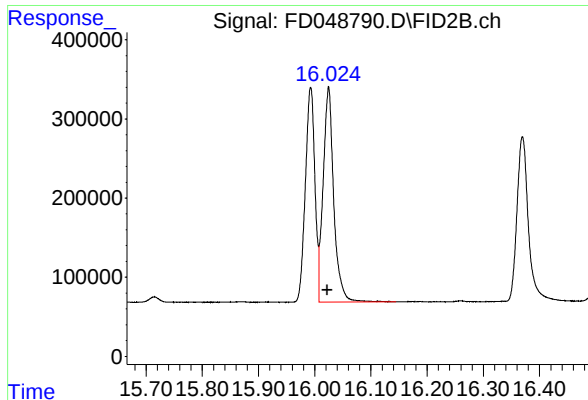
#15 Chrysene (C27.41)

R.T.: 14.487 min
Delta R.T.: 0.002 min
Response: 3611256
Conc: 20.63 ug/ml



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

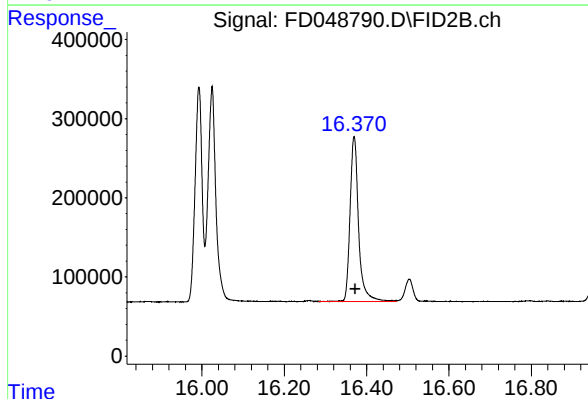
R.T.: 15.993 min
Delta R.T.: 0.002 min
Response: 3201497
Conc: 20.38 ug/ml



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

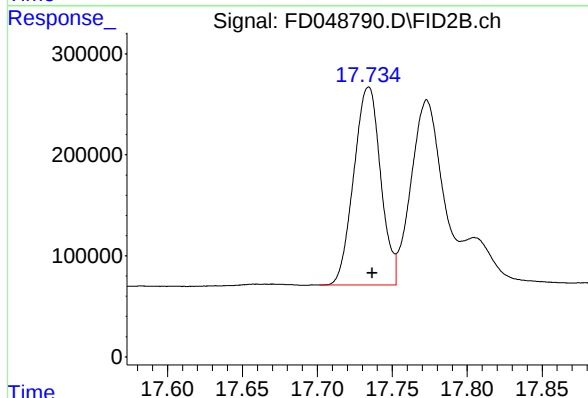
R.T.: 16.024 min
Delta R.T.: 0.002 min
Response: 3557016
Conc: 21.80 ug/ml

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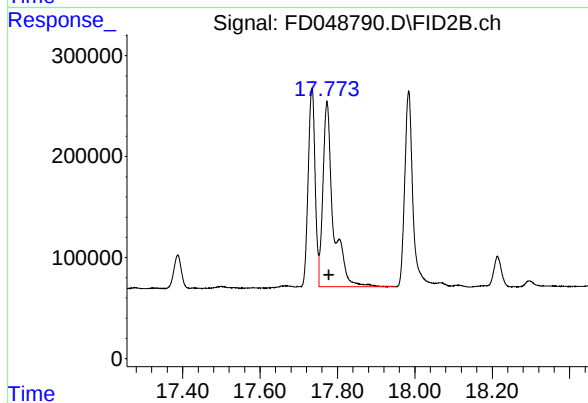
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.370 min
Delta R.T.: -0.003 min
Response: 2987515
Conc: 20.04 ug/ml



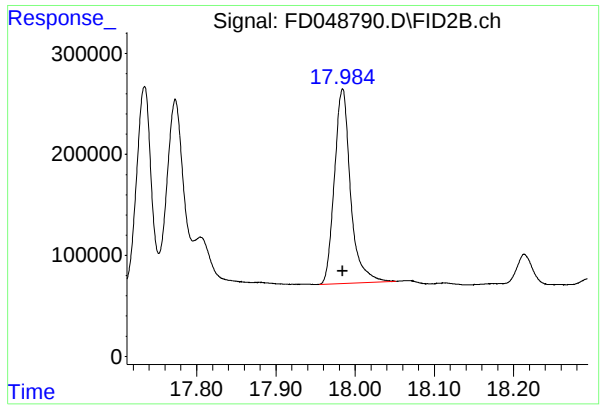
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.734 min
Delta R.T.: -0.003 min
Response: 2444555
Conc: 19.79 ug/ml



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

R.T.: 17.773 min
Delta R.T.: -0.005 min
Response: 3424430
Conc: 21.84 ug/ml



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

R.T.: 17.984 min
Delta R.T.: 0.000 min
Response: 2720154
Conc: 19.06 ug/ml

Instrument :

FID_D

ClientSampleId :

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