

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111424AR\
 Data File : FD048736.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 15:00
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 16:40:15 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...	7.365	3450145	19.597 ug/ml
Spiked Amount 50.000		Recovery =	39.19%
6) S 2-Fluorobiphenyl (SURR)	8.215	2277323	19.774 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.55%
11) S ortho-Terphenyl (SURR)	11.251	3761540	19.557 ug/ml
Spiked Amount 50.000		Recovery =	39.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	3726328	19.772 ug/ml
2) T Naphthalene (C11.7)	5.706	3834613	19.607 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	3779902	19.779 ug/ml
5) T Acenaphthylene (C15.06)	8.018	3802199	19.606 ug/ml
7) T Acenaphthene (C15.5)	8.312	3795398	19.732 ug/ml
8) T Fluorene (C16.55)	9.091	3793991	19.776 ug/ml
9) T Phenanthrene (C19.36)	10.477	3630071	19.804 ug/ml
10) T Anthracene (C19.43)	10.553	3697660	19.745 ug/ml
12) T Fluoranthene (C21.85)	12.281	3597950	19.648 ug/ml
13) T Pyrene (C20.8)	12.574	3527614	19.512 ug/ml
14) T Benzo[a]anthracene (C...	14.444	3276948	19.920 ug/ml
15) T Chrysene (C27.41)	14.486	3433659	19.619 ug/ml
16) T benzo[b]fluoranthene ...	15.990	3128791	19.914 ug/ml
17) T Bnezo[k]fluoranthene ...	16.022	3211018	19.676 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.367	2955668	19.824 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	2460131	19.915 ug/ml
20) T Dibenz[a,h]anthracene...	17.771	3112920	19.851 ug/ml
21) T Benzo[g,h,i]perylene ...	17.980	2840099	19.904 ug/ml

(f)=RT Delta > 1/2 Window

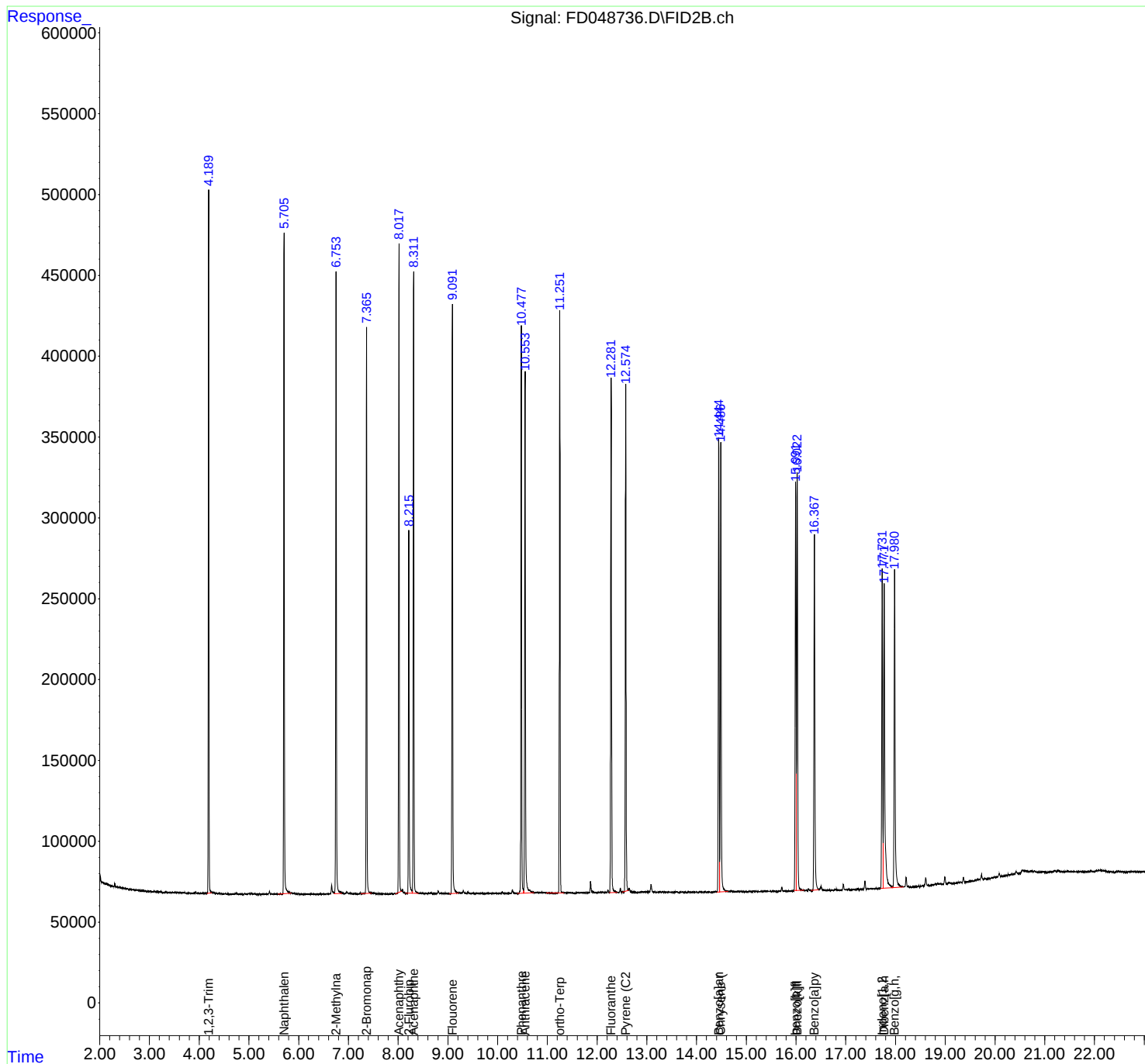
(m)=manual int.

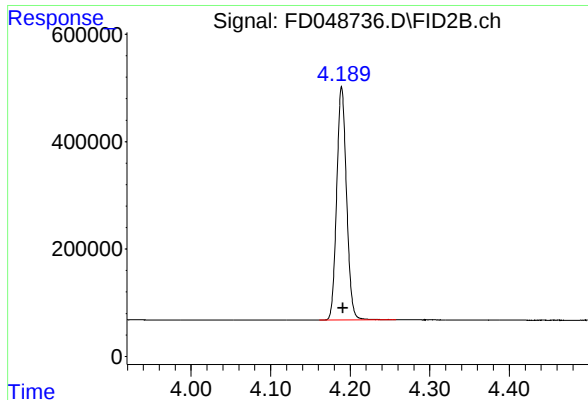
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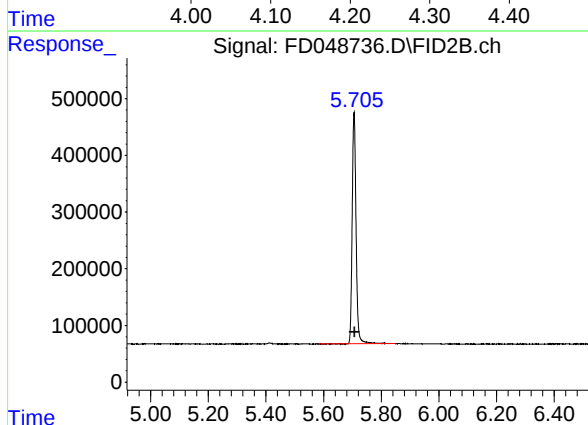




#1 1,2,3-Trimethylbenzene (C10.1)

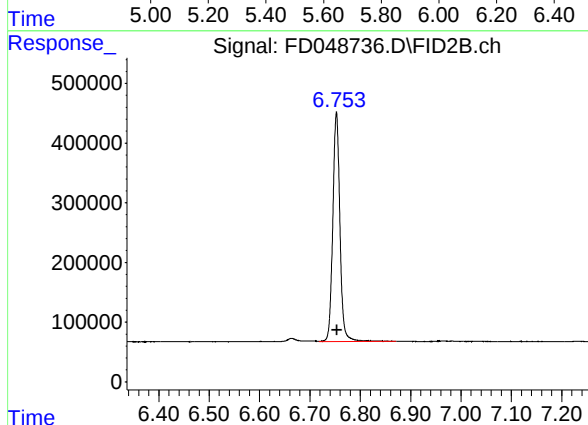
R.T.: 4.189 min
Delta R.T.: -0.002 min
Response: 3726328
Conc: 19.77 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



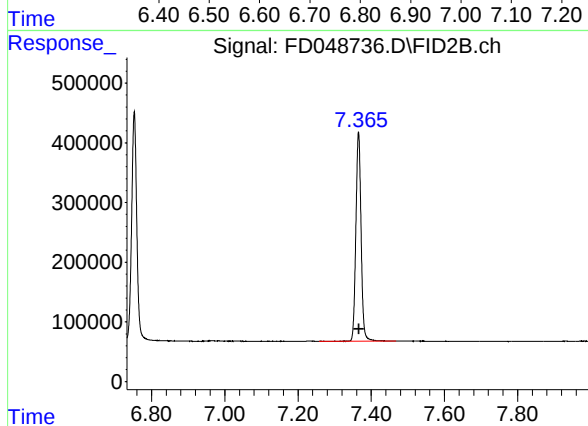
#2 Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: -0.002 min
Response: 3834613
Conc: 19.61 ug/ml



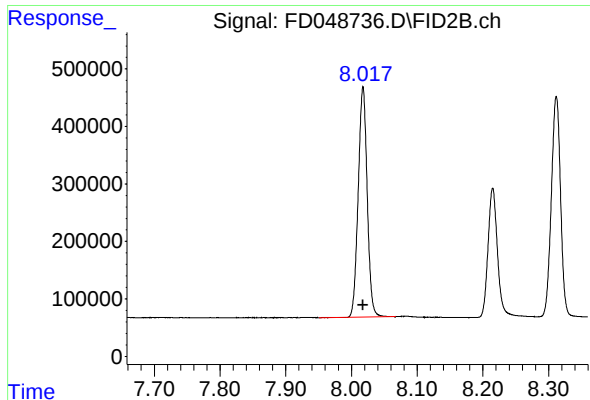
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: 0.000 min
Response: 3779902
Conc: 19.78 ug/ml



#4 2-Bromonaphthalene (SURR)

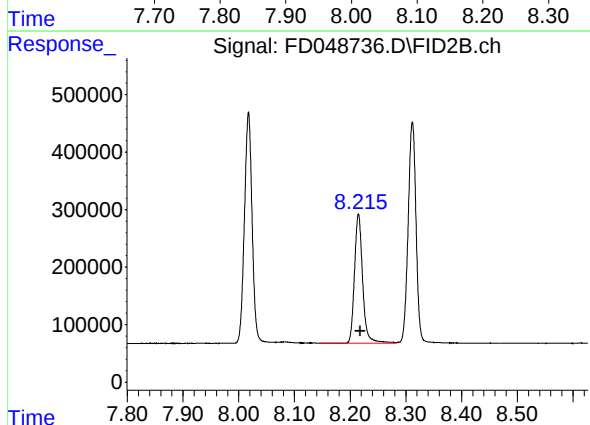
R.T.: 7.365 min
Delta R.T.: -0.001 min
Response: 3450145
Conc: 19.60 ug/ml



#5 Acenaphthylene (C15.06)

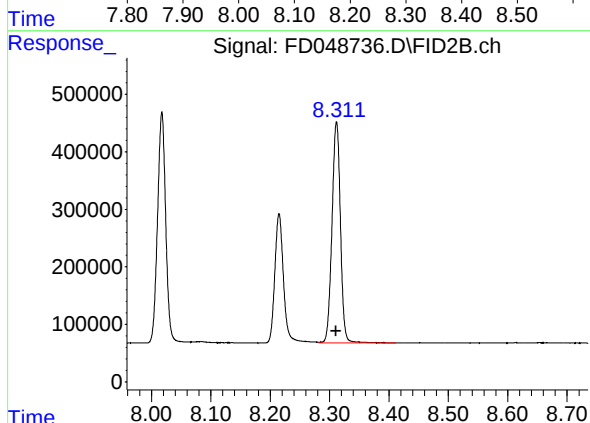
R.T.: 8.018 min
Delta R.T.: 0.000 min
Response: 3802199
Conc: 19.61 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



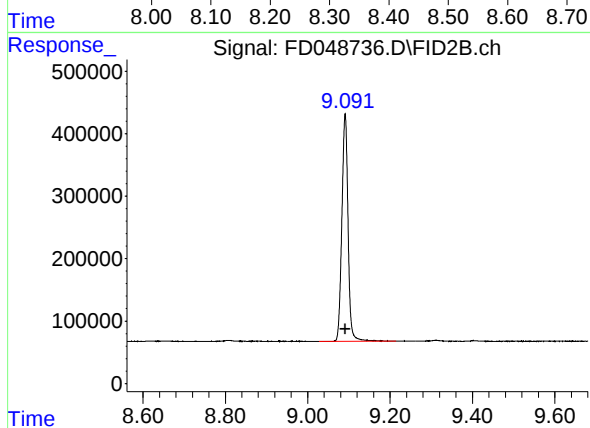
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.003 min
Response: 2277323
Conc: 19.77 ug/ml



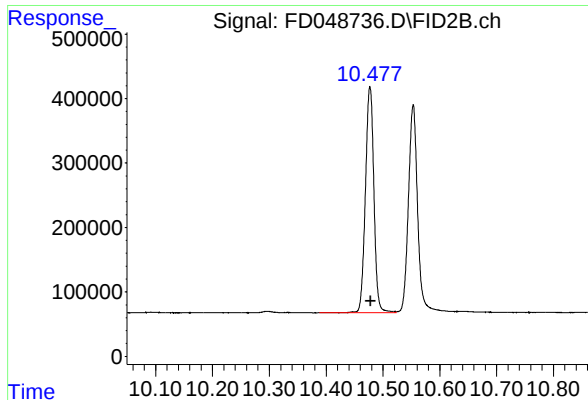
#7 Acenaphthene (C15.5)

R.T.: 8.312 min
Delta R.T.: 0.000 min
Response: 3795398
Conc: 19.73 ug/ml



#8 Flouorene (C16.55)

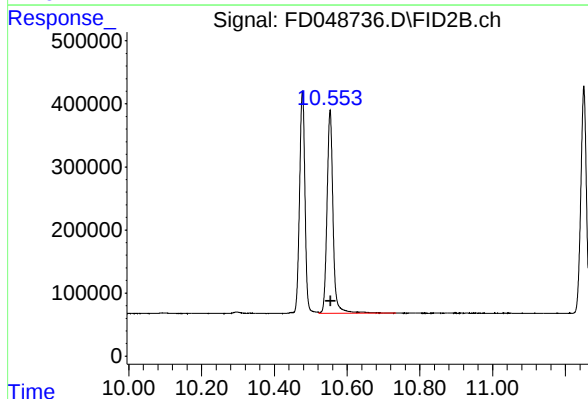
R.T.: 9.091 min
Delta R.T.: 0.000 min
Response: 3793991
Conc: 19.78 ug/ml



#9 Phenanthrene (C19.36)

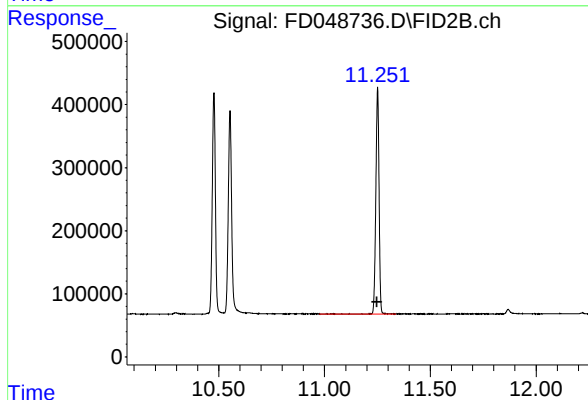
R.T.: 10.477 min
Delta R.T.: 0.000 min
Response: 3630071
Conc: 19.80 ug/ml

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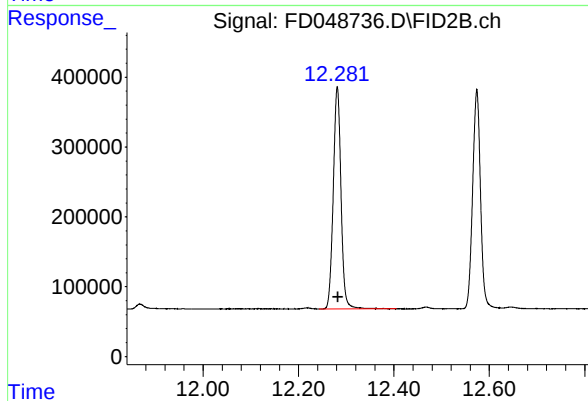
#10 Anthracene (C19.43)

R.T.: 10.553 min
Delta R.T.: -0.001 min
Response: 3697660
Conc: 19.75 ug/ml



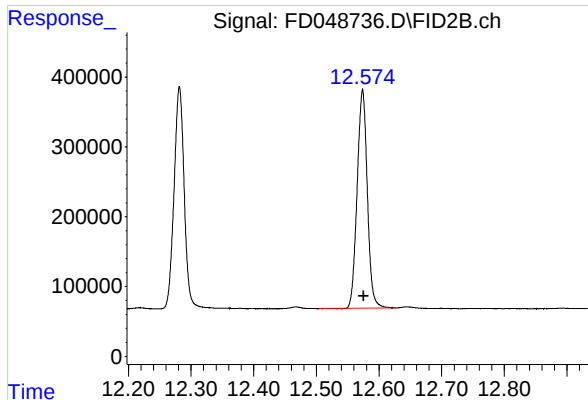
#11 ortho-Terphenyl (SURR)

R.T.: 11.251 min
Delta R.T.: 0.002 min
Response: 3761540
Conc: 19.56 ug/ml



#12 Fluoranthene (C21.85)

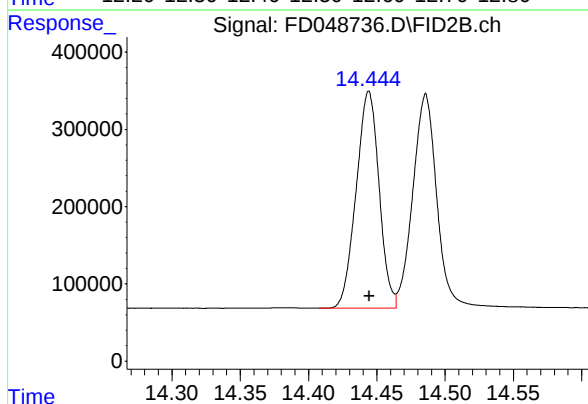
R.T.: 12.281 min
Delta R.T.: -0.001 min
Response: 3597950
Conc: 19.65 ug/ml



#13 Pyrene (C20.8)

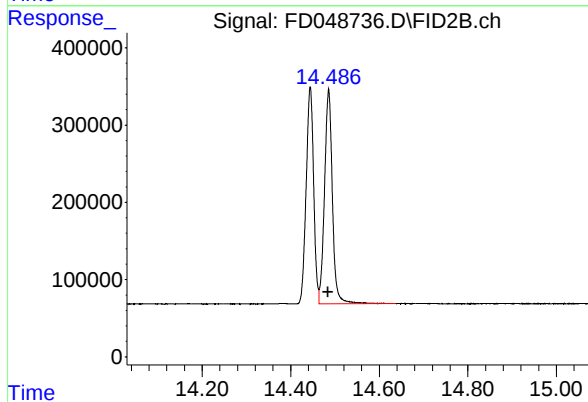
R.T.: 12.574 min
Delta R.T.: -0.002 min
Response: 3527614
Conc: 19.51 ug/ml

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20 PPM AROMATIC HC STD



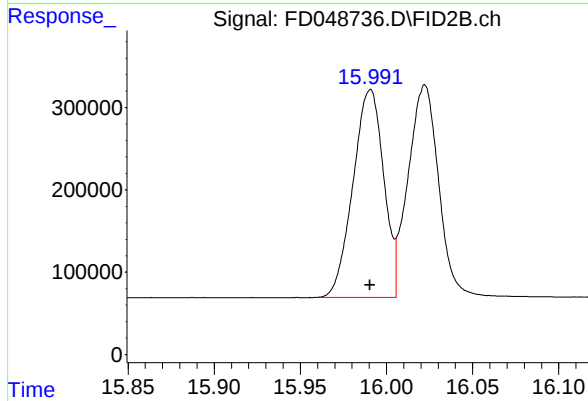
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.444 min
Delta R.T.: 0.000 min
Response: 3276948
Conc: 19.92 ug/ml



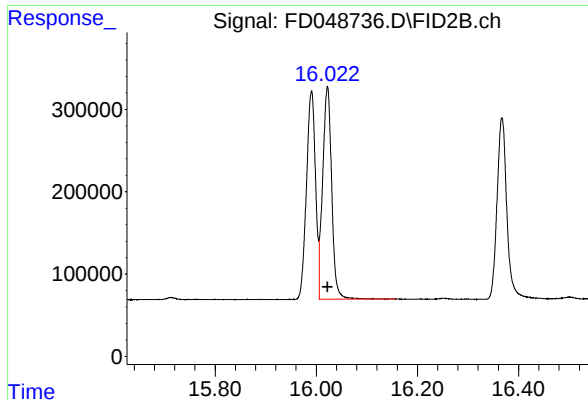
#15 Chrysene (C27.41)

R.T.: 14.486 min
Delta R.T.: 0.001 min
Response: 3433659
Conc: 19.62 ug/ml



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

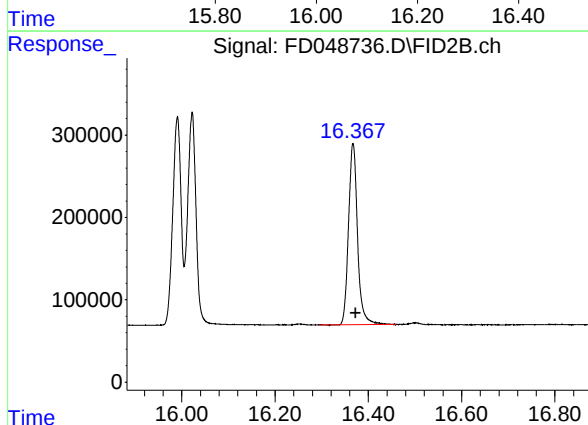
R.T.: 15.990 min
Delta R.T.: 0.000 min
Response: 3128791
Conc: 19.91 ug/ml



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

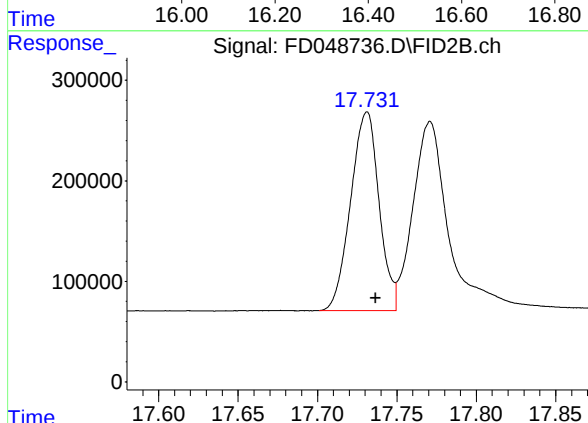
R.T.: 16.022 min
Delta R.T.: 0.000 min
Response: 3211018
Conc: 19.68 ug/ml

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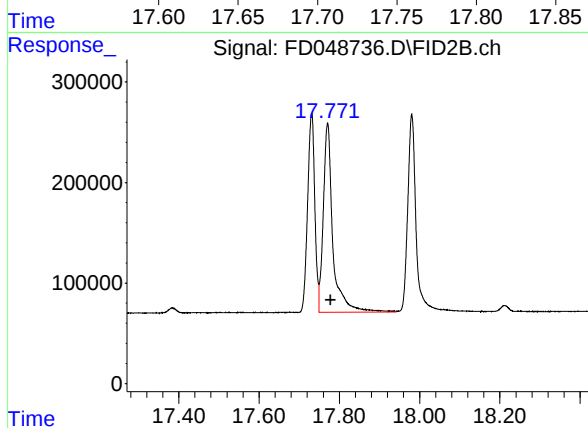
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.367 min
Delta R.T.: -0.005 min
Response: 2955668
Conc: 19.82 ug/ml



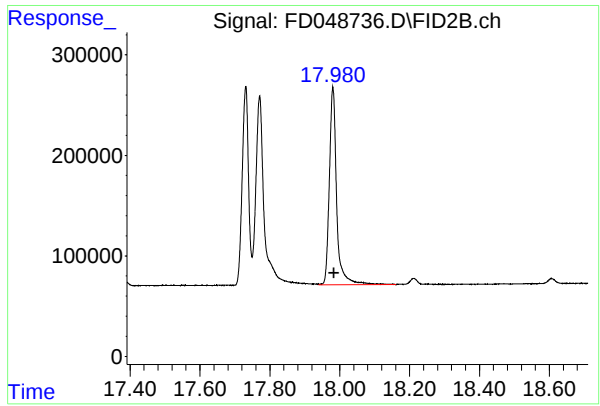
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: -0.006 min
Response: 2460131
Conc: 19.92 ug/ml



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

R.T.: 17.771 min
Delta R.T.: -0.008 min
Response: 3112920
Conc: 19.85 ug/ml



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

R.T.: 17.980 min
Delta R.T.: -0.004 min
Response: 2840099
Conc: 19.90 ug/ml

Instrument :

FID_D

ClientSampleId :

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