

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091924AR\
 Data File : FD048348.D
 Signal(s) : FID2B.ch
 Acq On : 20 Sep 2024 06:42
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 20 07:15:25 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...	7.385	3245771	21.401 ug/ml
Spiked Amount 50.000		Recovery =	42.80%
6) S 2-Fluorobiphenyl (SURR)	8.236	2121850	22.207 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.41%
11) S ortho-Terphenyl (SURR)	11.272	3760755	21.920 ug/ml
Spiked Amount 50.000		Recovery =	43.84%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.207	3701102	20.980 ug/ml
2) T Naphthalene (C11.7)	5.726	3818986	21.118 ug/ml
3) T 2-Methylnaphthalene (...)	6.773	3817617	21.338 ug/ml
5) T Acenaphthylene (C15.06)	8.039	3750355	21.466 ug/ml
7) T Acenaphthene (C15.5)	8.333	3806134	21.400 ug/ml
8) T Fluorene (C16.55)	9.111	3672636	21.933 ug/ml
9) T Phenanthrene (C19.36)	10.499	3575540	22.147 ug/ml
10) T Anthracene (C19.43)	10.574	3072479	19.308 ug/ml
12) T Fluoranthene (C21.85)	12.302	3597612	22.192 ug/ml
13) T Pyrene (C20.8)	12.595	3579691	22.326 ug/ml
14) T Benzo[a]anthracene (C...	14.464	3252259	23.218 ug/ml
15) T Chrysene (C27.41)	14.506	3566835	21.654 ug/ml
16) T benzo[b]fluoranthene ...	16.011	3369193	22.676 ug/ml
17) T Bnezo[k]fluoranthene ...	16.042	3312327	21.506 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.386	3353655	22.667 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.749	2833167	25.074 ug/ml
20) T Dibenz[a,h]anthracene...	17.789	3663490	24.005 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	3369736	22.861 ug/ml

(f)=RT Delta > 1/2 Window

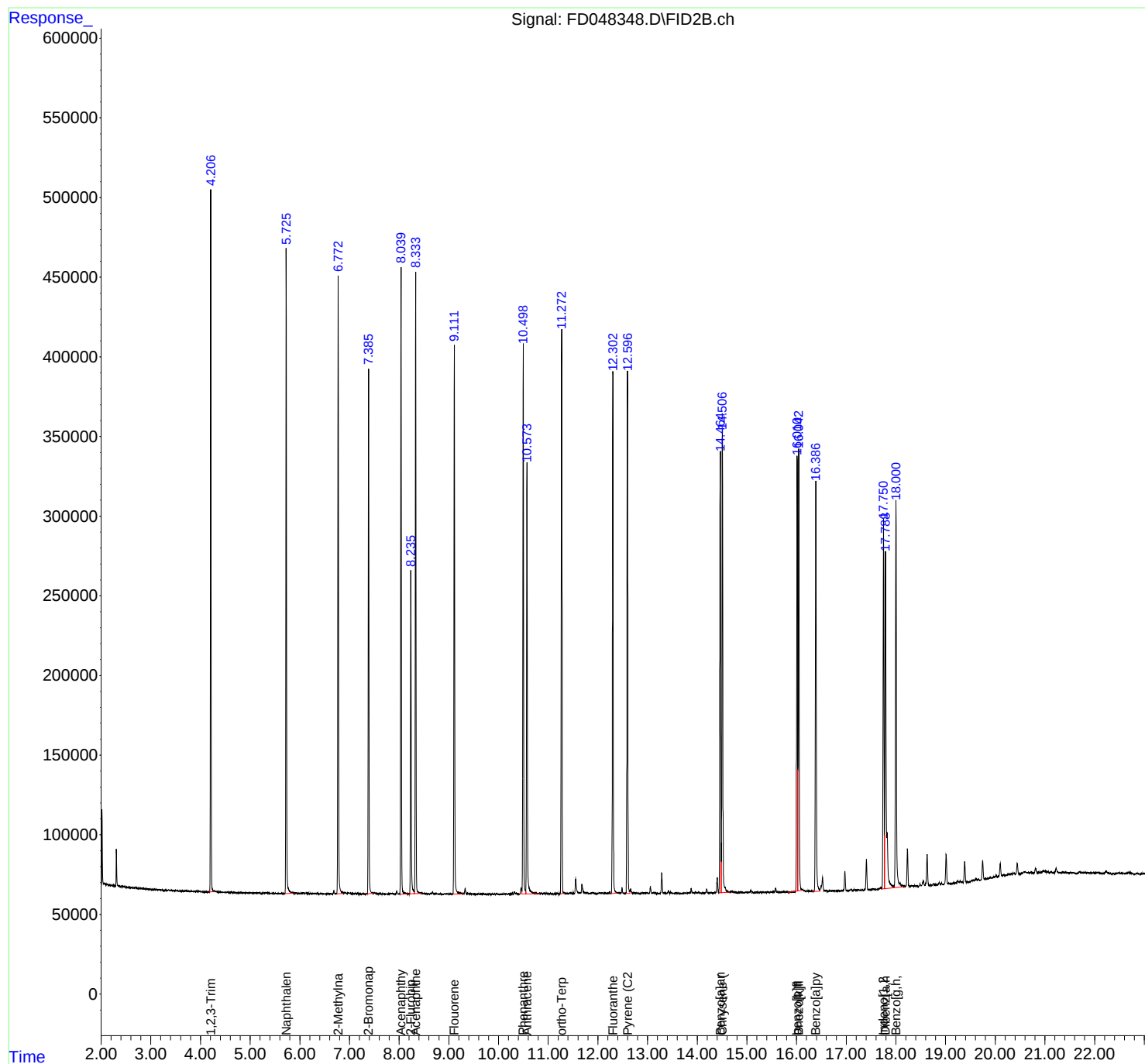
(m)=manual int.

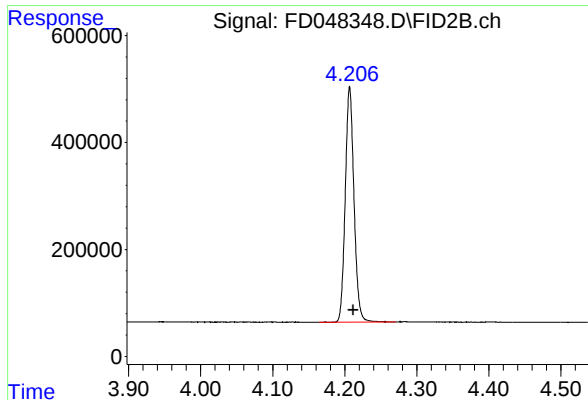
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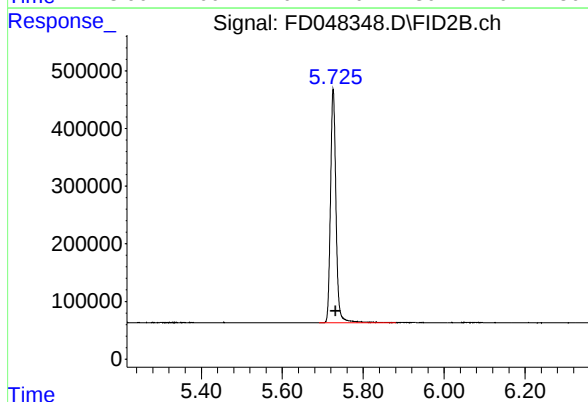




#1 1,2,3-Trimethylbenzene (C10.1)

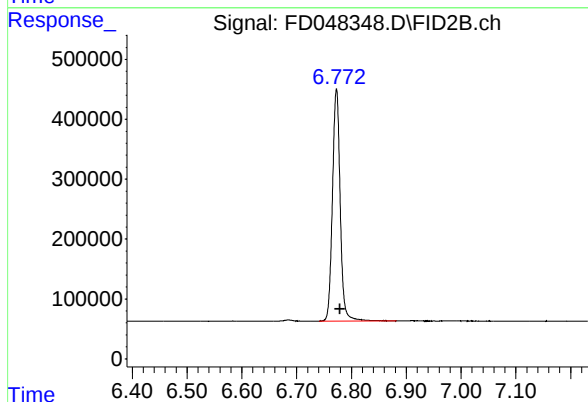
R.T.: 4.207 min
Delta R.T.: -0.005 min
Response: 3701102
Conc: 20.98 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



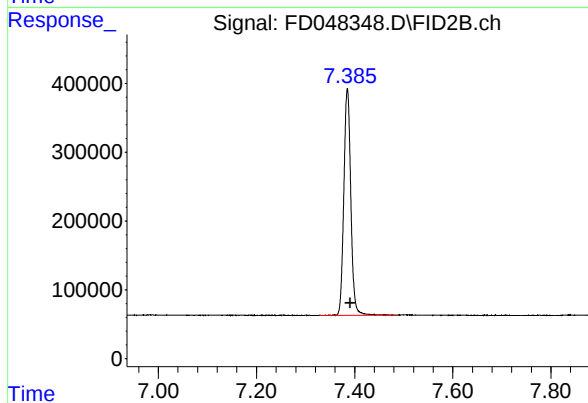
#2 Naphthalene (C11.7)

R.T.: 5.726 min
Delta R.T.: -0.006 min
Response: 3818986
Conc: 21.12 ug/ml



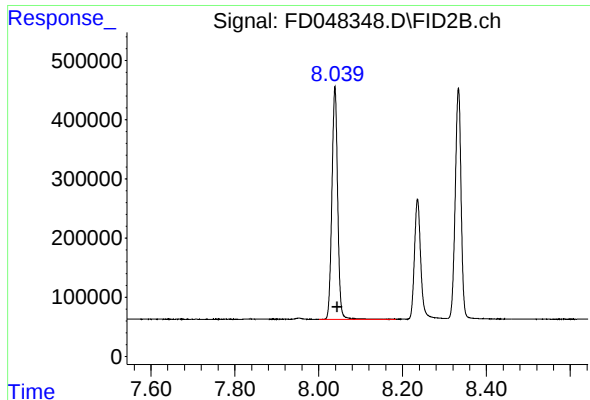
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.773 min
Delta R.T.: -0.006 min
Response: 3817617
Conc: 21.34 ug/ml



#4 2-Bromonaphthalene (SURR)

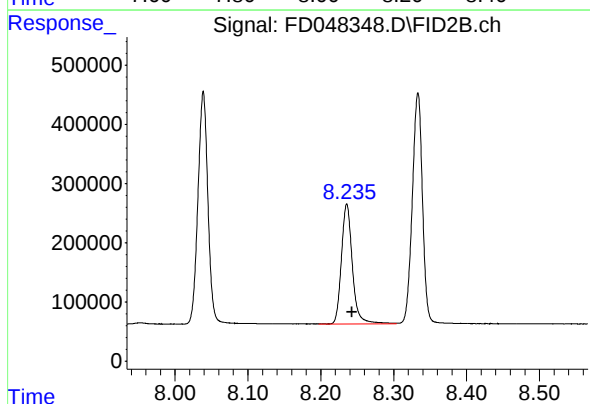
R.T.: 7.385 min
Delta R.T.: -0.006 min
Response: 3245771
Conc: 21.40 ug/ml



#5 Acenaphthylene (C15.06)

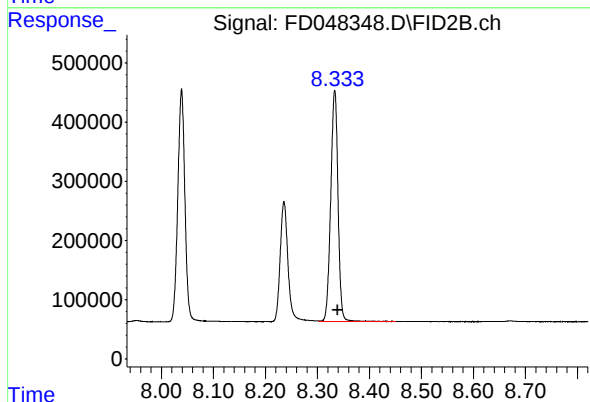
R.T.: 8.039 min
Delta R.T.: -0.006 min
Response: 3750355
Conc: 21.47 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



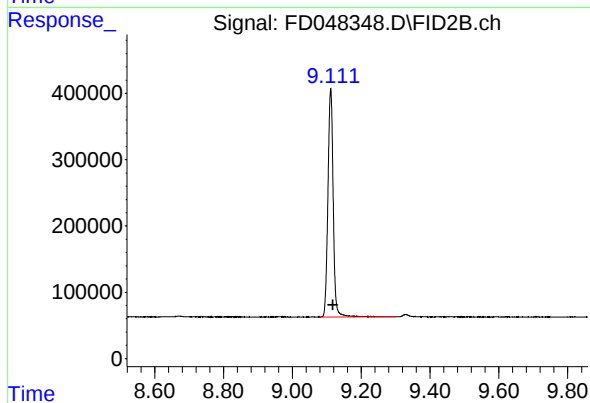
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.236 min
Delta R.T.: -0.007 min
Response: 2121850
Conc: 22.21 ug/ml



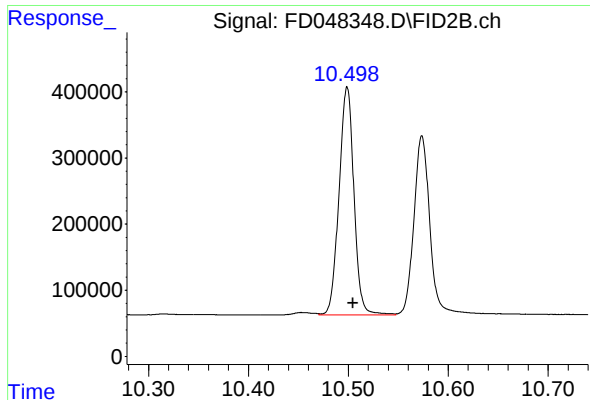
#7 Acenaphthene (C15.5)

R.T.: 8.333 min
Delta R.T.: -0.006 min
Response: 3806134
Conc: 21.40 ug/ml



#8 Flouorene (C16.55)

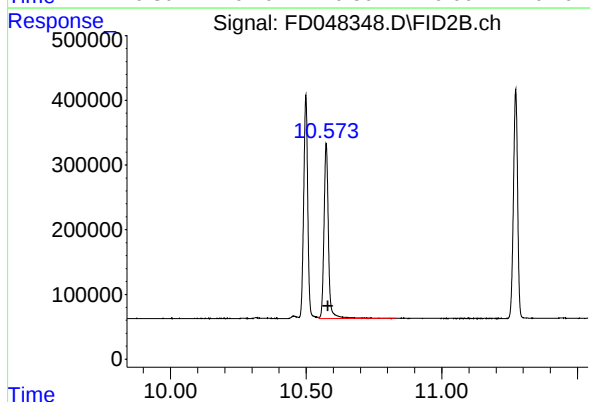
R.T.: 9.111 min
Delta R.T.: -0.006 min
Response: 3672636
Conc: 21.93 ug/ml



#9 Phenanthrene (C19.36)

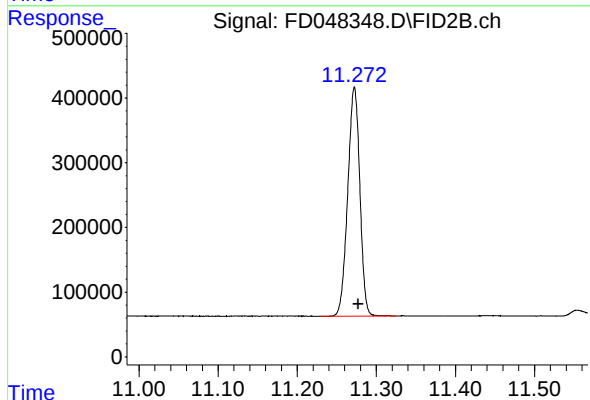
R.T.: 10.499 min
Delta R.T.: -0.006 min
Response: 3575540
Conc: 22.15 ug/ml

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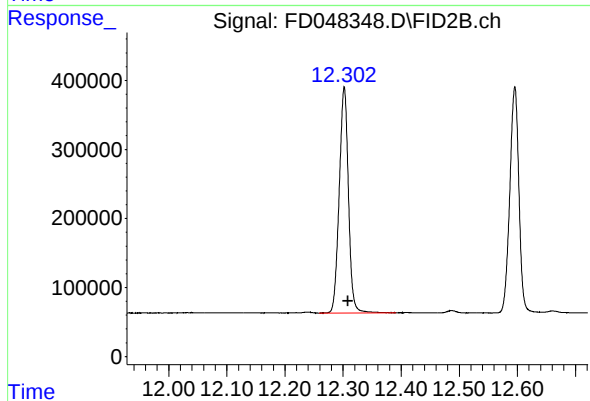
#10 Anthracene (C19.43)

R.T.: 10.574 min
Delta R.T.: -0.006 min
Response: 3072479
Conc: 19.31 ug/ml



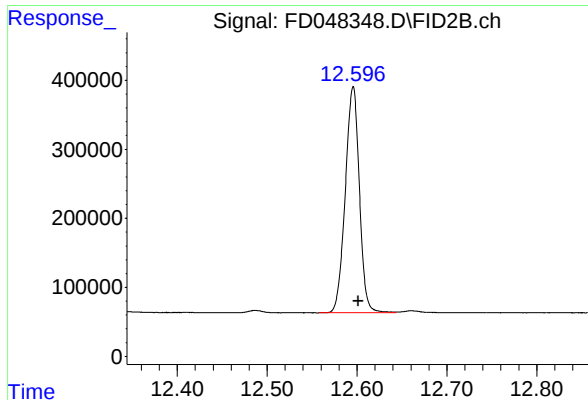
#11 ortho-Terphenyl (SURR)

R.T.: 11.272 min
Delta R.T.: -0.005 min
Response: 3760755
Conc: 21.92 ug/ml



#12 Fluoranthene (C21.85)

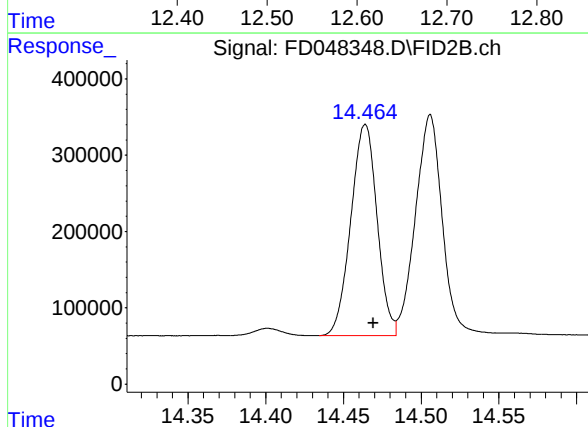
R.T.: 12.302 min
Delta R.T.: -0.007 min
Response: 3597612
Conc: 22.19 ug/ml



#13 Pyrene (C20.8)

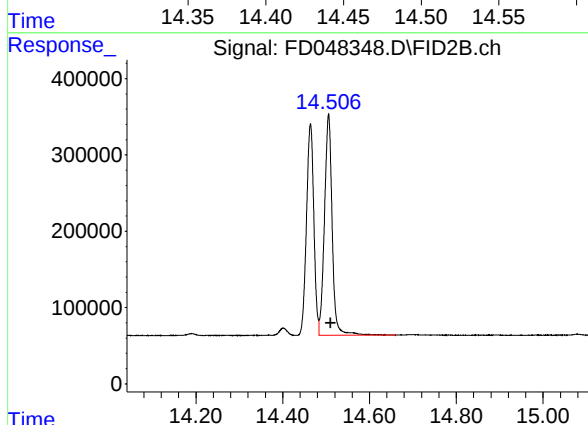
R.T.: 12.595 min
Delta R.T.: -0.006 min
Response: 3579691
Conc: 22.33 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



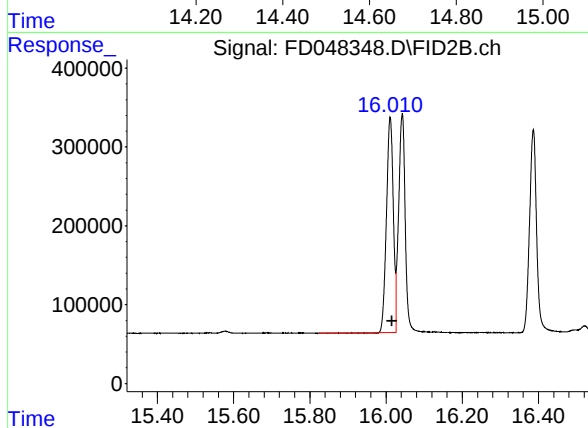
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: -0.005 min
Response: 3252259
Conc: 23.22 ug/ml



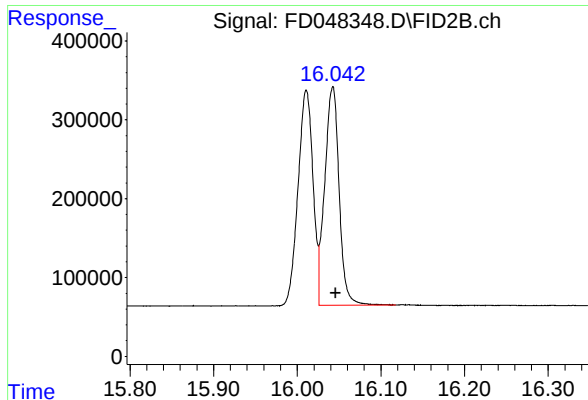
#15 Chrysene (C27.41)

R.T.: 14.506 min
Delta R.T.: -0.005 min
Response: 3566835
Conc: 21.65 ug/ml



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

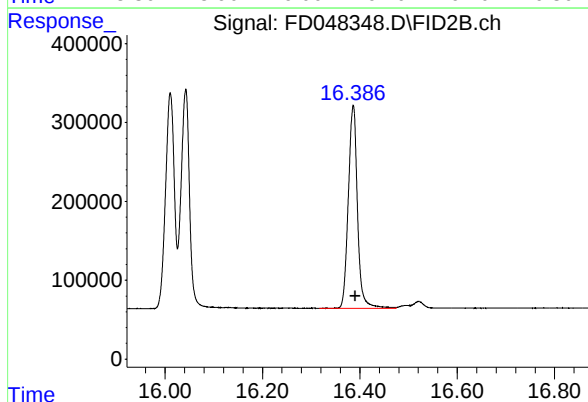
R.T.: 16.011 min
Delta R.T.: -0.005 min
Response: 3369193
Conc: 22.68 ug/ml



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

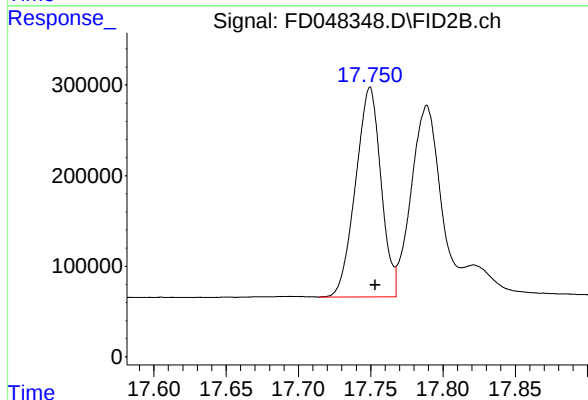
R.T.: 16.042 min
Delta R.T.: -0.004 min
Response: 3312327
Conc: 21.51 ug/ml

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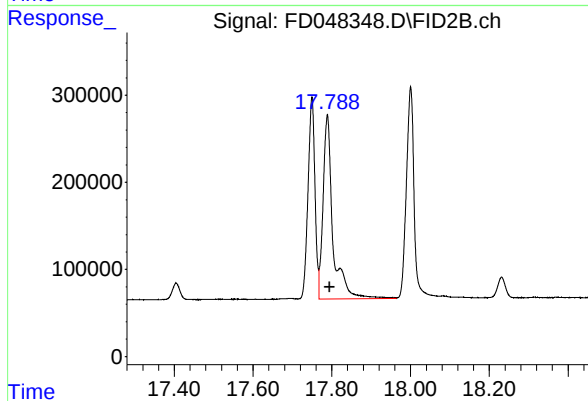
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.386 min
Delta R.T.: -0.004 min
Response: 3353655
Conc: 22.67 ug/ml



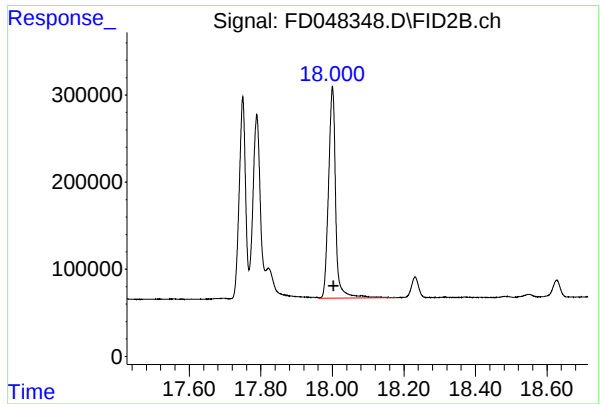
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.749 min
Delta R.T.: -0.004 min
Response: 2833167
Conc: 25.07 ug/ml



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

R.T.: 17.789 min
Delta R.T.: -0.006 min
Response: 3663490
Conc: 24.01 ug/ml



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

R.T.: 18.000 min
Delta R.T.: -0.003 min
Response: 3369736
Conc: 22.86 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD