

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111124AR\
 Data File : FD048697.D
 Signal(s) : FID2B.ch
 Acq On : 11 Nov 2024 14:42
 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 20:46:10 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...	7.369	3126804	20.601 ug/ml
Spiked Amount 50.000		Recovery =	41.20%
6) S 2-Fluorobiphenyl (SURR)	8.218	2019103	20.563 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.13%
11) S ortho-Terphenyl (SURR)	11.254	3516786	20.646 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.191	3623935	20.831 ug/ml
2) T Naphthalene (C11.7)	5.709	3666932	20.551 ug/ml
3) T 2-Methylnaphthalene (...)	6.756	3657697	20.449 ug/ml
5) T Acenaphthylene (C15.06)	8.021	3597136	20.486 ug/ml
7) T Acenaphthene (C15.5)	8.314	3653021	20.596 ug/ml
8) T Fluorene (C16.55)	9.093	3476608	20.567 ug/ml
9) T Phenanthrene (C19.36)	10.481	3370554	20.390 ug/ml
10) T Anthracene (C19.43)	10.556	2965208	18.543 ug/ml
12) T Fluoranthene (C21.85)	12.284	3388801	20.591 ug/ml
13) T Pyrene (C20.8)	12.578	3335344	20.706 ug/ml
14) T Benzo[a]anthracene (C...	14.448	3012377	20.602 ug/ml
15) T Chrysene (C27.41)	14.489	3355029	20.396 ug/ml
16) T benzo[b]fluoranthene ...	15.994	3215265	21.149 ug/ml
17) T Bnezo[k]fluoranthene ...	16.026	3181249	21.165 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.371	3195257	21.232 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	2698523	20.682 ug/ml
20) T Dibenz[a,h]anthracene...	17.775	3436522	21.117 ug/ml
21) T Benzo[g,h,i]perylene ...	17.985	3272738	21.378 ug/ml

(f)=RT Delta > 1/2 Window

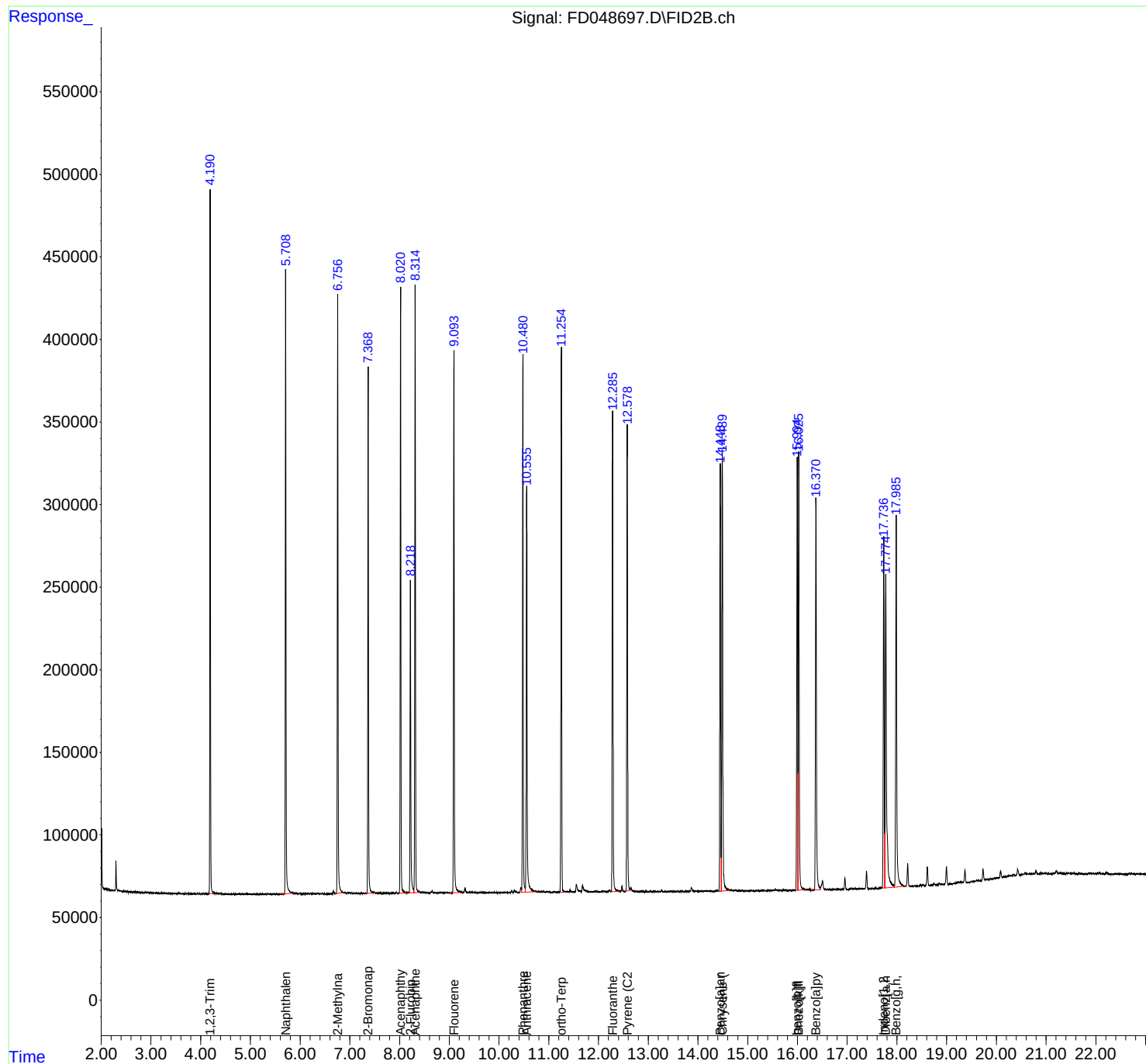
(m)=manual int.

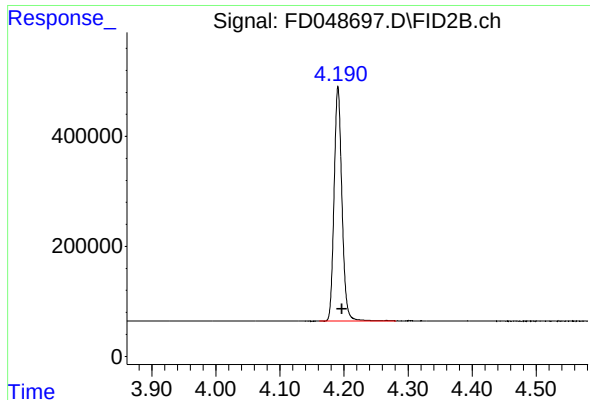
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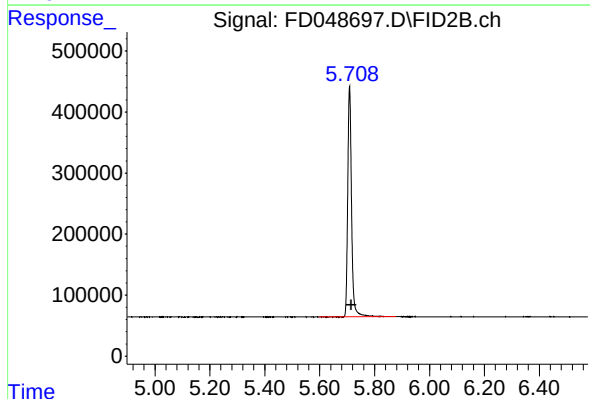




#1 1,2,3-Trimethylbenzene (C10.1)

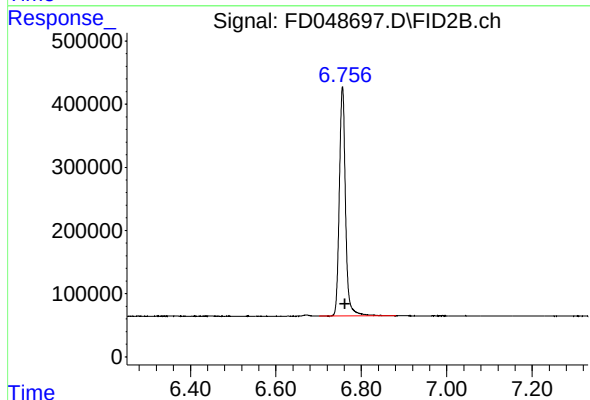
R.T.: 4.191 min
Delta R.T.: -0.006 min
Response: 3623935
Conc: 20.83 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



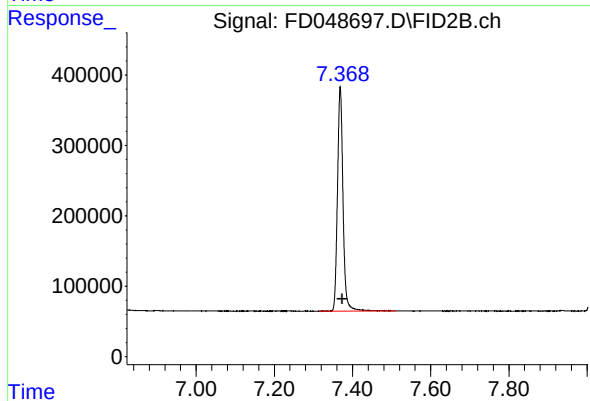
#2 Naphthalene (C11.7)

R.T.: 5.709 min
Delta R.T.: -0.007 min
Response: 3666932
Conc: 20.55 ug/ml



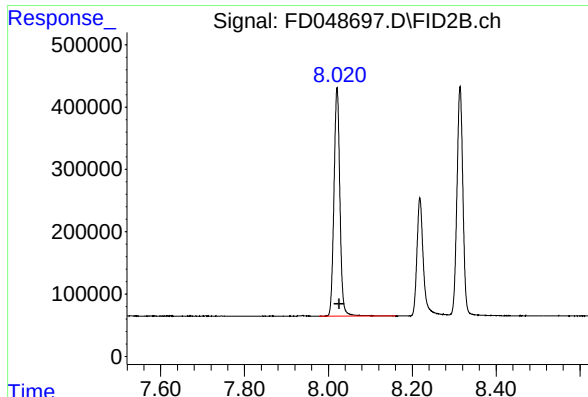
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.756 min
Delta R.T.: -0.006 min
Response: 3657697
Conc: 20.45 ug/ml



#4 2-Bromonaphthalene (SURR)

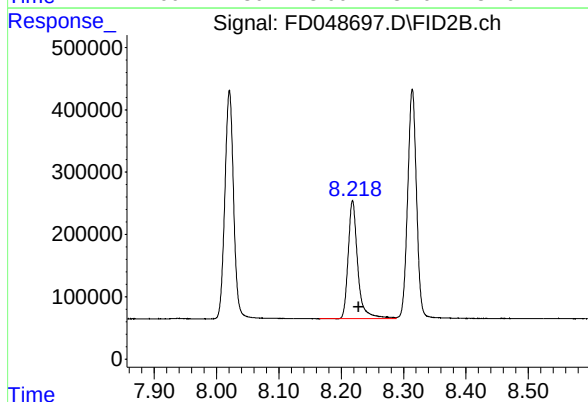
R.T.: 7.369 min
Delta R.T.: -0.006 min
Response: 3126804
Conc: 20.60 ug/ml



#5 Acenaphthylene (C15.06)

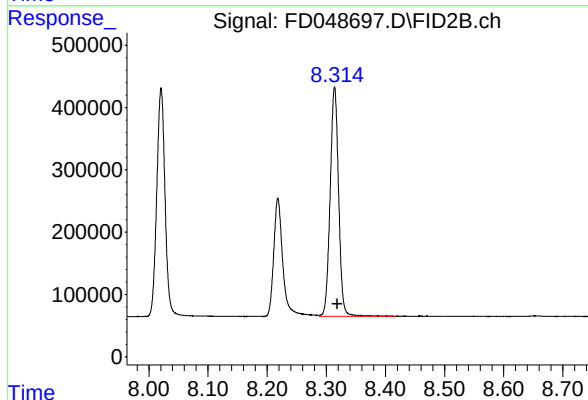
R.T.: 8.021 min
Delta R.T.: -0.006 min
Response: 3597136
Conc: 20.49 ug/ml

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20 PPM AROMATIC HC STD



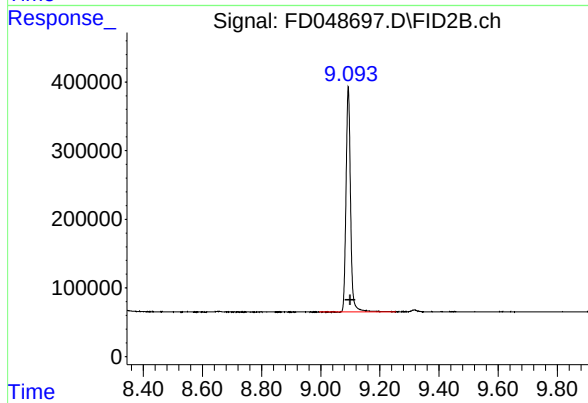
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: -0.010 min
Response: 2019103
Conc: 20.56 ug/ml



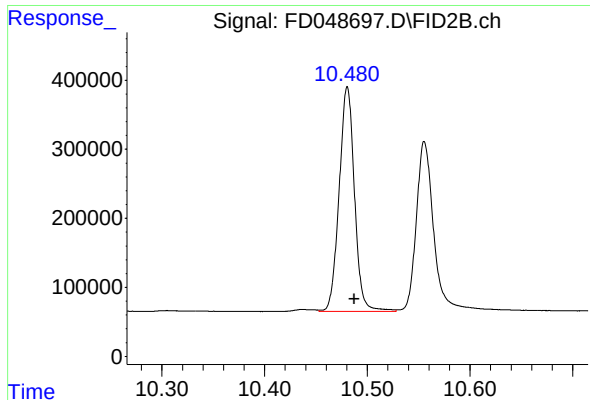
#7 Acenaphthene (C15.5)

R.T.: 8.314 min
Delta R.T.: -0.005 min
Response: 3653021
Conc: 20.60 ug/ml



#8 Fluorene (C16.55)

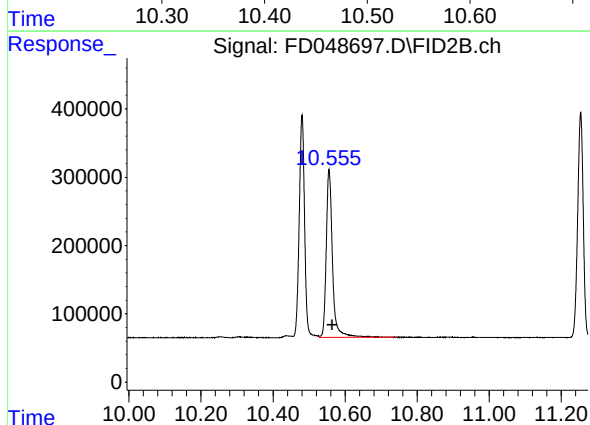
R.T.: 9.093 min
Delta R.T.: -0.007 min
Response: 3476608
Conc: 20.57 ug/ml



#9 Phenanthrene (C19.36)

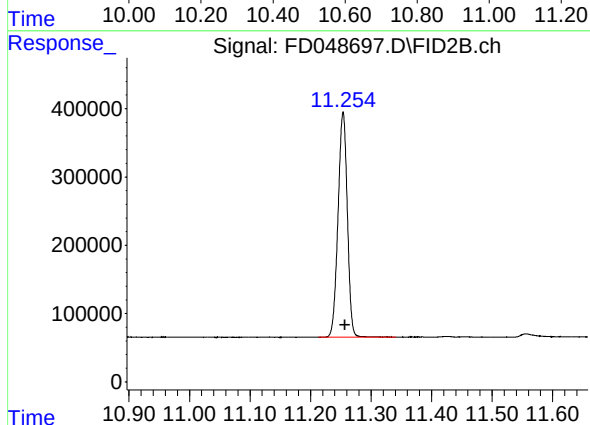
R.T.: 10.481 min
Delta R.T.: -0.007 min
Response: 3370554
Conc: 20.39 ug/ml

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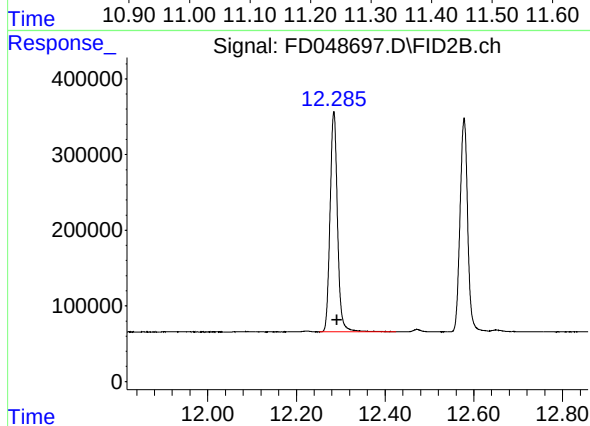
#10 Anthracene (C19.43)

R.T.: 10.556 min
Delta R.T.: -0.009 min
Response: 2965208
Conc: 18.54 ug/ml



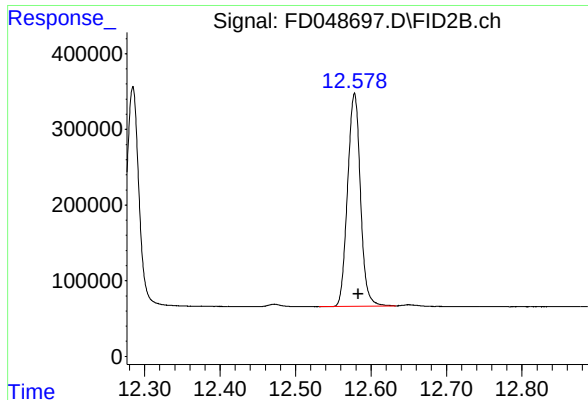
#11 ortho-Terphenyl (SURR)

R.T.: 11.254 min
Delta R.T.: -0.003 min
Response: 3516786
Conc: 20.65 ug/ml



#12 Fluoranthene (C21.85)

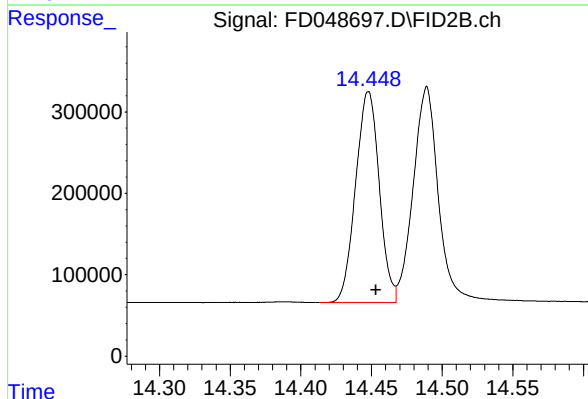
R.T.: 12.284 min
Delta R.T.: -0.007 min
Response: 3388801
Conc: 20.59 ug/ml



#13 Pyrene (C20.8)

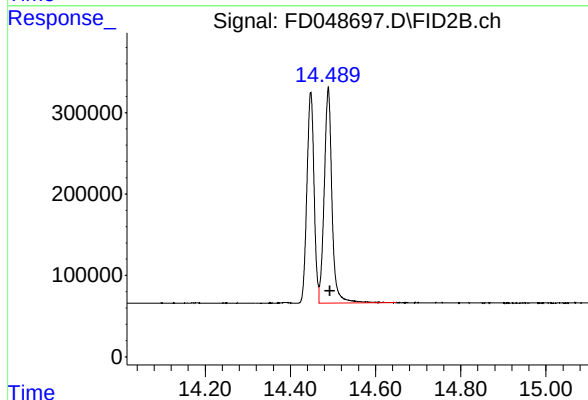
R.T.: 12.578 min
Delta R.T.: -0.005 min
Response: 3335344
Conc: 20.71 ug/ml

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20 PPM AROMATIC HC STD



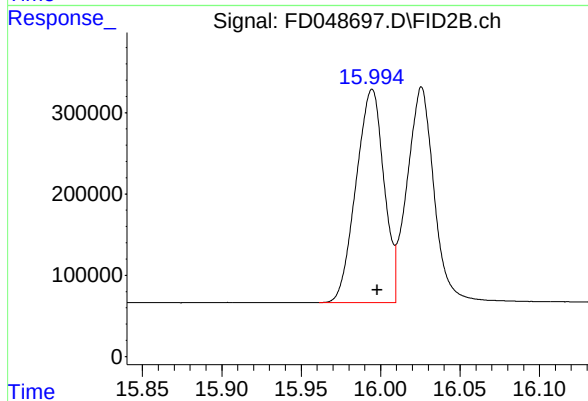
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.448 min
Delta R.T.: -0.005 min
Response: 3012377
Conc: 20.60 ug/ml



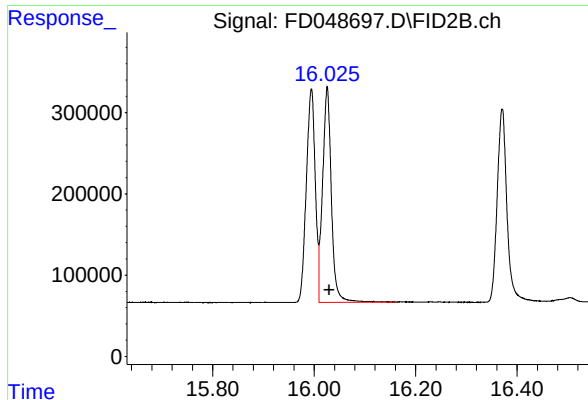
#15 Chrysene (C27.41)

R.T.: 14.489 min
Delta R.T.: -0.004 min
Response: 3355029
Conc: 20.40 ug/ml



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

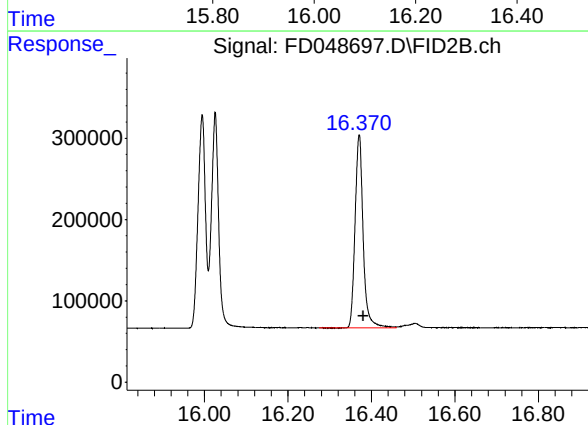
R.T.: 15.994 min
Delta R.T.: -0.004 min
Response: 3215265
Conc: 21.15 ug/ml



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

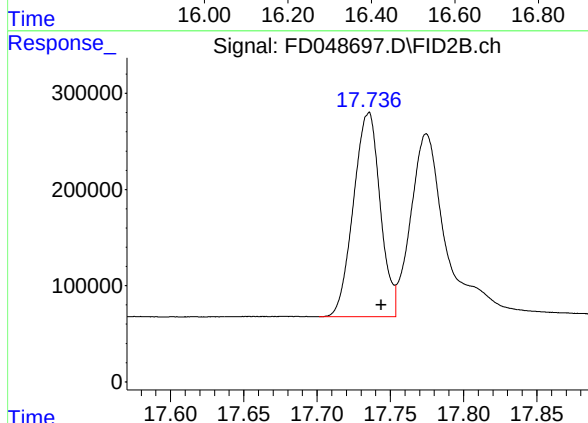
R.T.: 16.026 min
Delta R.T.: -0.004 min
Response: 3181249
Conc: 21.17 ug/ml

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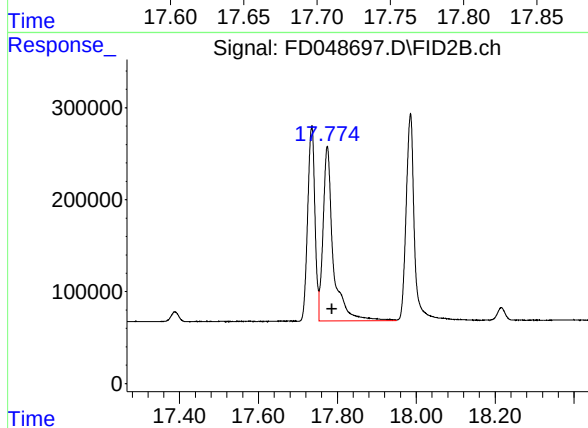
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.371 min
Delta R.T.: -0.010 min
Response: 3195257
Conc: 21.23 ug/ml



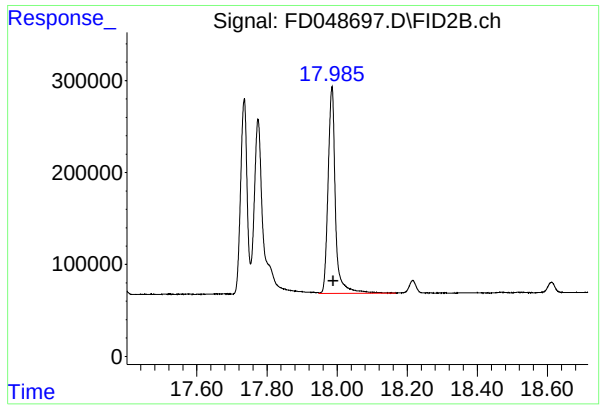
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: -0.009 min
Response: 2698523
Conc: 20.68 ug/ml



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

R.T.: 17.775 min
Delta R.T.: -0.012 min
Response: 3436522
Conc: 21.12 ug/ml



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

R.T.: 17.985 min
Delta R.T.: -0.005 min
Response: 3272738
Conc: 21.38 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD