

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111324AR\
 Data File : FD048726.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 22:40
 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 14 01:46:46 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...	7.365	2648578	17.450 ug/ml
Spiked Amount 50.000		Recovery =	34.90%
6) S 2-Fluorobiphenyl (SURR)	8.215	1738365	17.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.41%
11) S ortho-Terphenyl (SURR)	11.250	2993453	17.573 ug/ml
Spiked Amount 50.000		Recovery =	35.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.189	3090186	17.763 ug/ml
2) T Naphthalene (C11.7)	5.706	3142224	17.610 ug/ml
3) T 2-Methylnaphthalene (...)	6.753	3129119	17.494 ug/ml
5) T Acenaphthylene (C15.06)	8.018	3079970	17.541 ug/ml
7) T Acenaphthene (C15.5)	8.312	3099840	17.477 ug/ml
8) T Fluorene (C16.55)	9.090	2993836	17.711 ug/ml
9) T Phenanthrene (C19.36)	10.477	2928005	17.713 ug/ml
10) T Anthracene (C19.43)	10.552	2794488	17.475 ug/ml
12) T Fluoranthene (C21.85)	12.280	2924541	17.770 ug/ml
13) T Pyrene (C20.8)	12.574	2879521	17.877 ug/ml
14) T Benzo[a]anthracene (C...	14.443	2717938	18.589 ug/ml
15) T Chrysene (C27.41)	14.484	2912435	17.706 ug/ml
16) T benzo[b]fluoranthene ...	15.990	2826169	18.590 ug/ml
17) T Bnezo[k]fluoranthene ...	16.021	2725484	18.133 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.366	2804082	18.632 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.730	2502164	19.177 ug/ml
20) T Dibenz[a,h]anthracene...	17.770	2912229	17.895 ug/ml
21) T Benzo[g,h,i]perylene ...	17.980	2856163	18.657 ug/ml

(f)=RT Delta > 1/2 Window

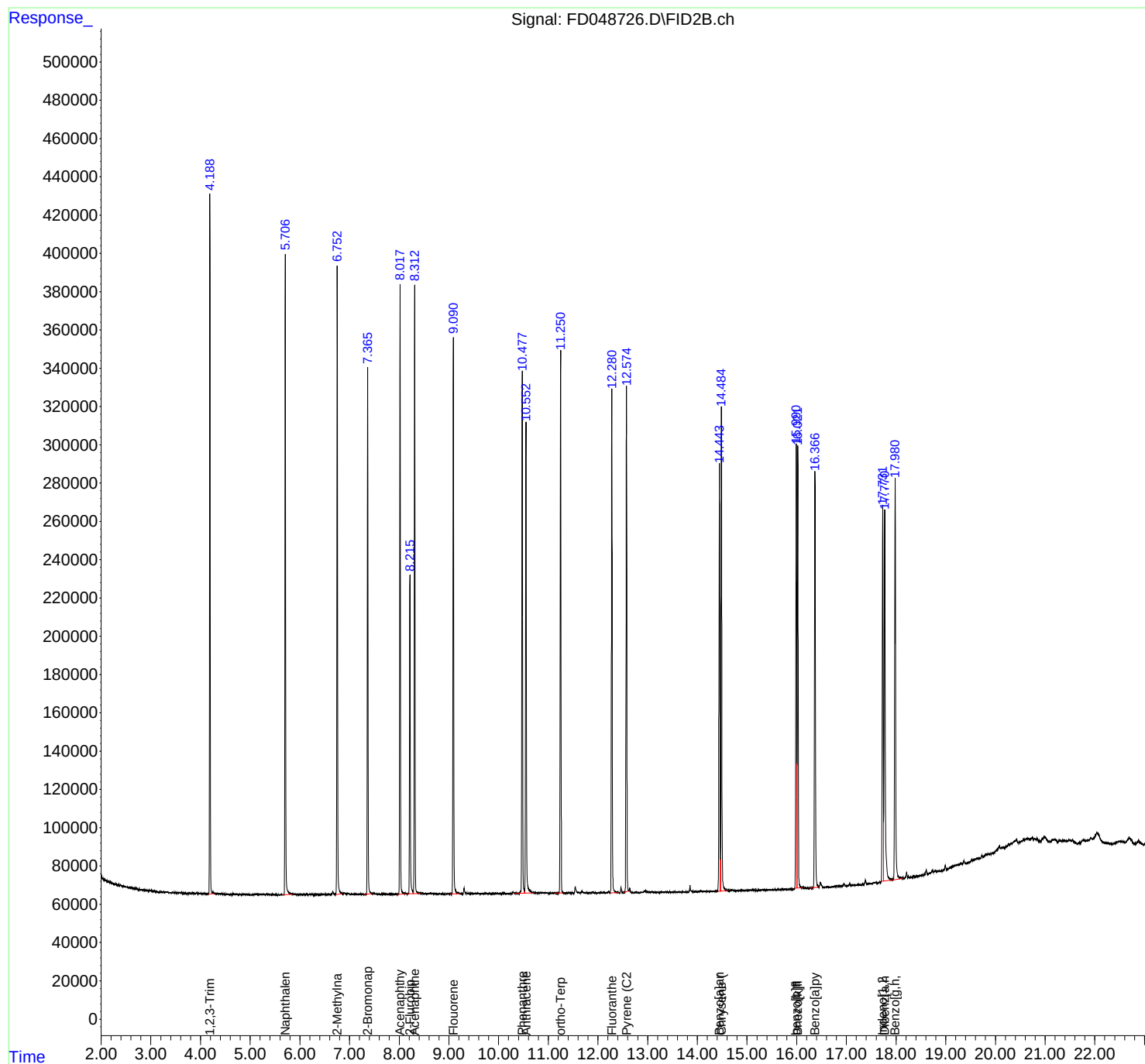
(m)=manual int.

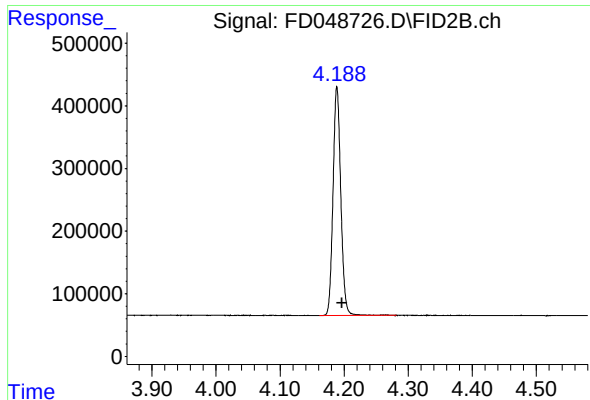
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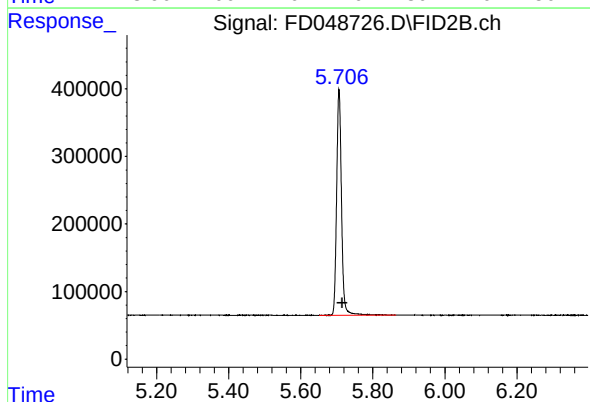




#1 1,2,3-Trimethylbenzene (C10.1)

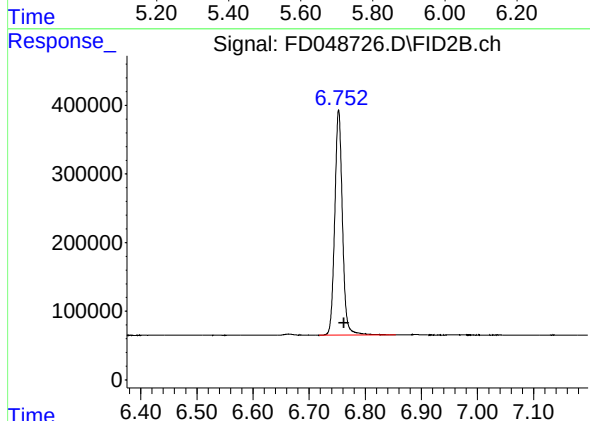
R.T.: 4.189 min
Delta R.T.: -0.008 min
Response: 3090186
Conc: 17.76 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



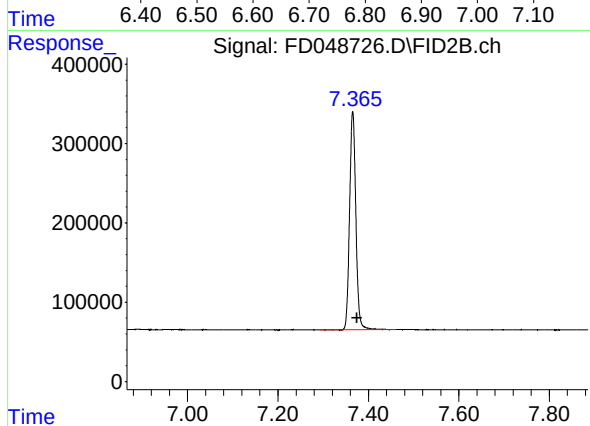
#2 Naphthalene (C11.7)

R.T.: 5.706 min
Delta R.T.: -0.009 min
Response: 3142224
Conc: 17.61 ug/ml



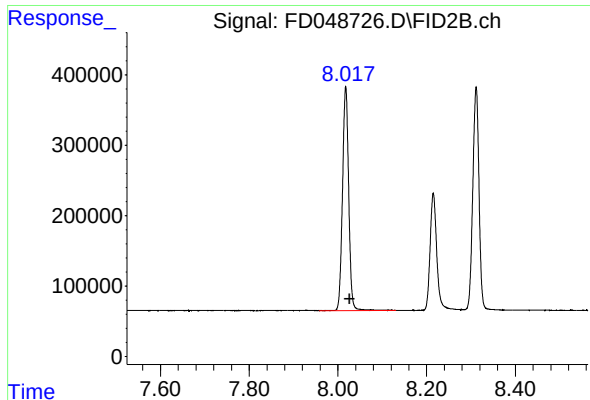
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.753 min
Delta R.T.: -0.009 min
Response: 3129119
Conc: 17.49 ug/ml



#4 2-Bromonaphthalene (SURR)

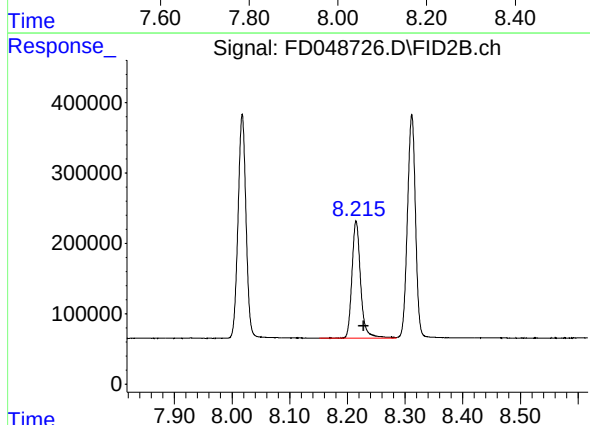
R.T.: 7.365 min
Delta R.T.: -0.009 min
Response: 2648578
Conc: 17.45 ug/ml



#5 Acenaphthylene (C15.06)

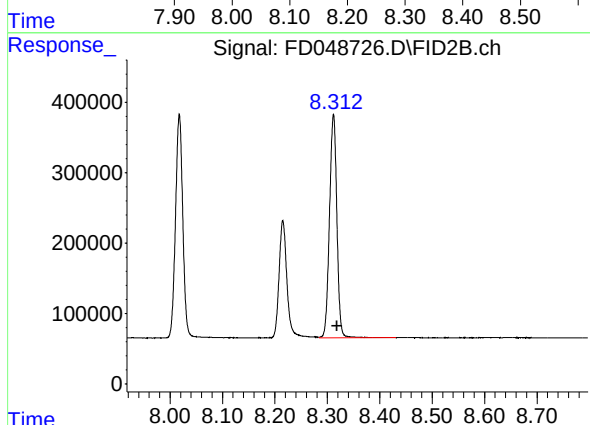
R.T.: 8.018 min
Delta R.T.: -0.009 min
Response: 3079970
Conc: 17.54 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



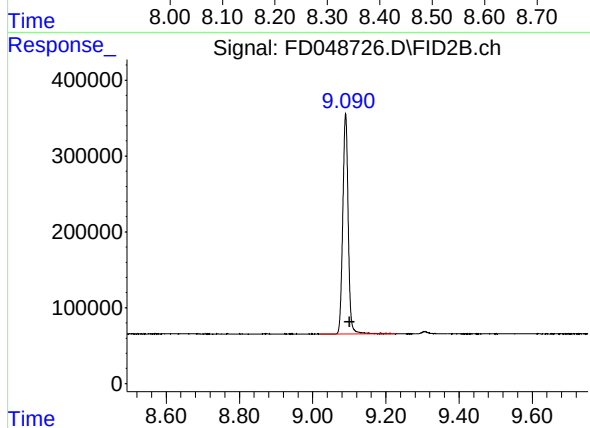
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.215 min
Delta R.T.: -0.013 min
Response: 1738365
Conc: 17.70 ug/ml



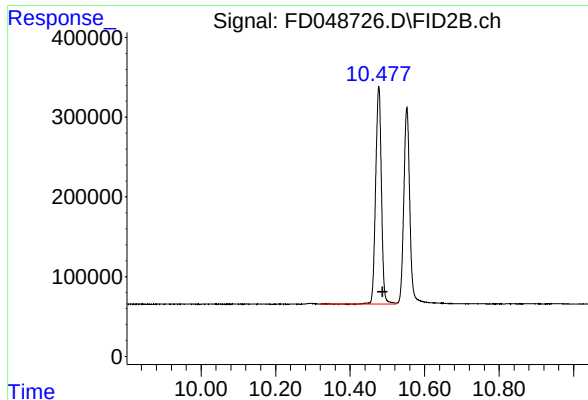
#7 Acenaphthene (C15.5)

R.T.: 8.312 min
Delta R.T.: -0.007 min
Response: 3099840
Conc: 17.48 ug/ml



#8 Flouorene (C16.55)

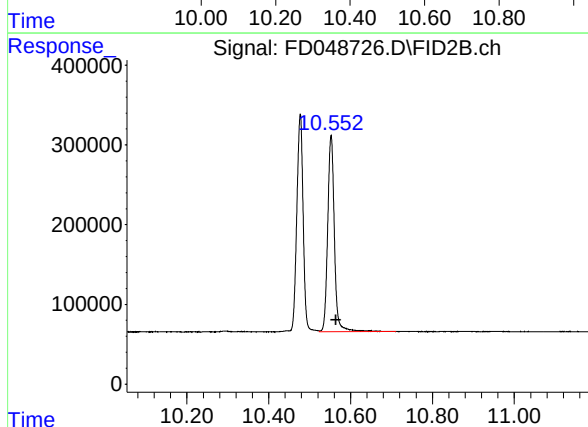
R.T.: 9.090 min
Delta R.T.: -0.010 min
Response: 2993836
Conc: 17.71 ug/ml



#9 Phenanthrene (C19.36)

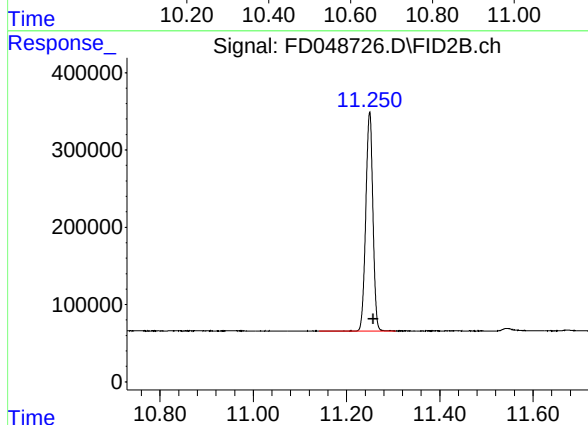
R.T.: 10.477 min
Delta R.T.: -0.010 min
Response: 2928005
Conc: 17.71 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



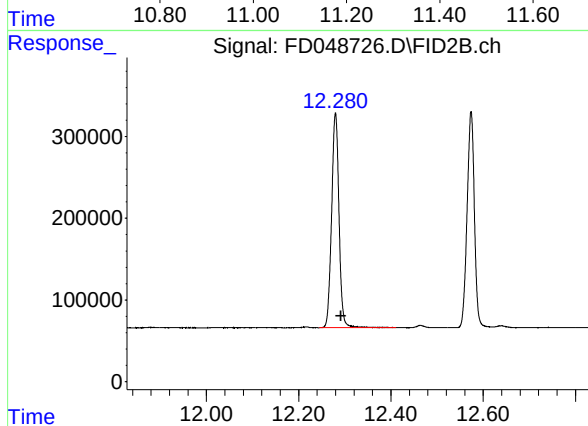
#10 Anthracene (C19.43)

R.T.: 10.552 min
Delta R.T.: -0.012 min
Response: 2794488
Conc: 17.48 ug/ml



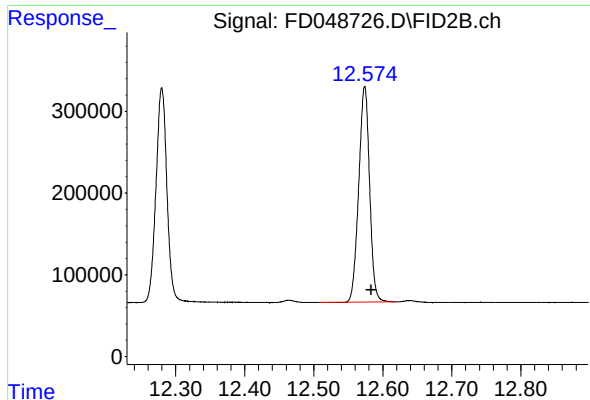
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: -0.007 min
Response: 2993453
Conc: 17.57 ug/ml



#12 Fluoranthene (C21.85)

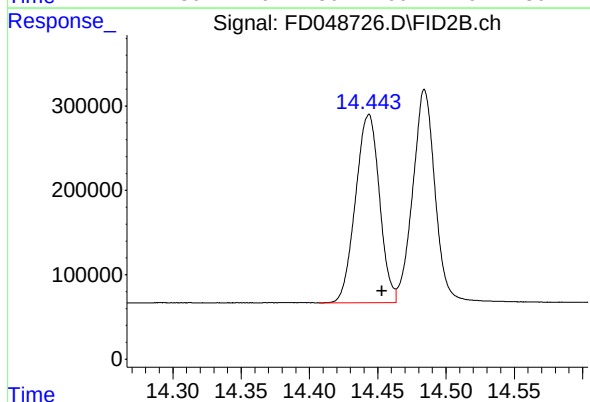
R.T.: 12.280 min
Delta R.T.: -0.011 min
Response: 2924541
Conc: 17.77 ug/ml



#13 Pyrene (C20.8)

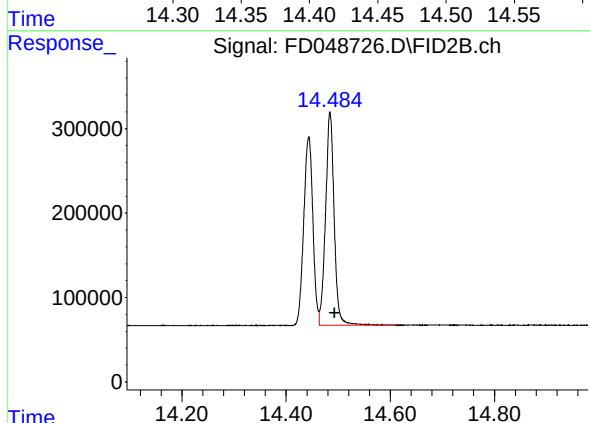
R.T.: 12.574 min
Delta R.T.: -0.010 min
Response: 2879521
Conc: 17.88 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



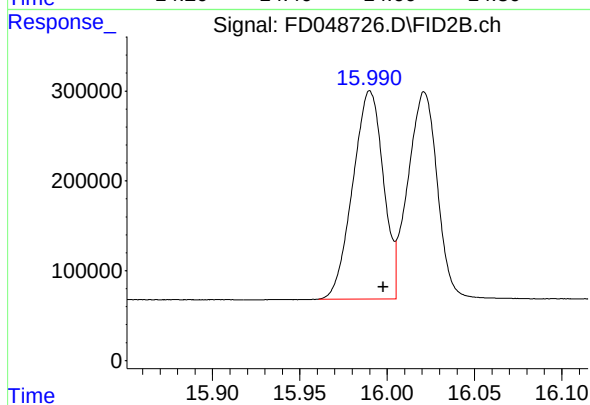
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.443 min
Delta R.T.: -0.010 min
Response: 2717938
Conc: 18.59 ug/ml



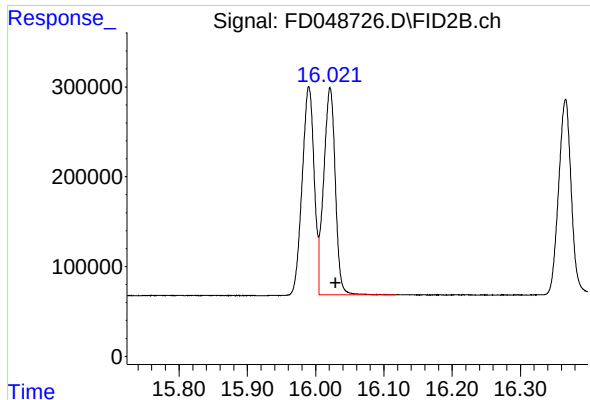
#15 Chrysene (C27.41)

R.T.: 14.484 min
Delta R.T.: -0.009 min
Response: 2912435
Conc: 17.71 ug/ml



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

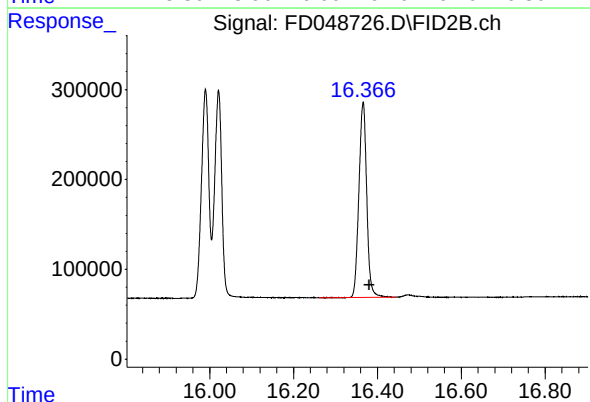
R.T.: 15.990 min
Delta R.T.: -0.008 min
Response: 2826169
Conc: 18.59 ug/ml



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

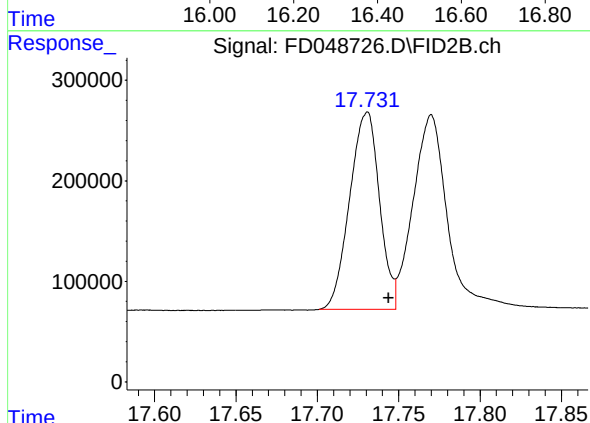
R.T.: 16.021 min
Delta R.T.: -0.009 min
Response: 2725484
Conc: 18.13 ug/ml

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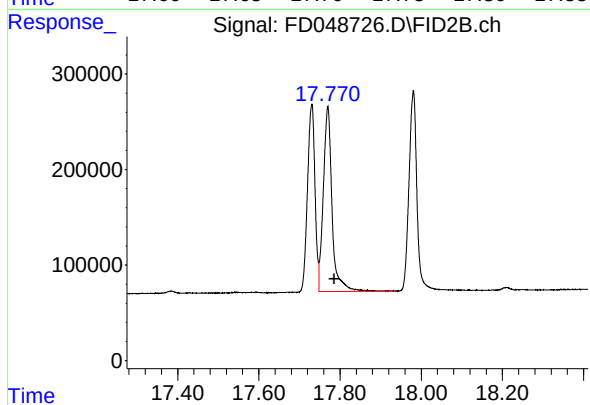
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.366 min
Delta R.T.: -0.015 min
Response: 2804082
Conc: 18.63 ug/ml



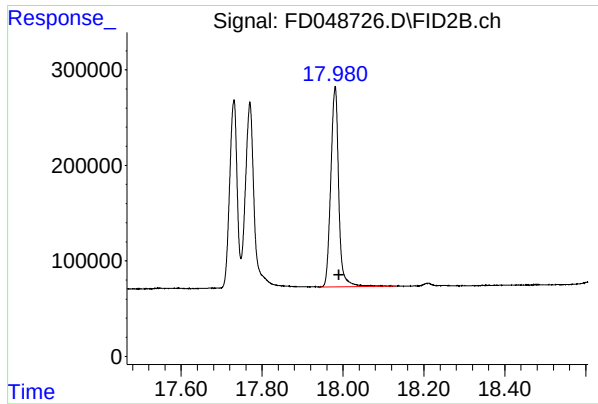
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.730 min
Delta R.T.: -0.014 min
Response: 2502164
Conc: 19.18 ug/ml



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

R.T.: 17.770 min
Delta R.T.: -0.017 min
Response: 2912229
Conc: 17.90 ug/ml



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

R.T.: 17.980 min

Delta R.T.: -0.009 min

Response: 2856163

Conc: 18.66 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD