

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037064.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 4:32
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Manual Integrations
 APPROVED

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 4/22/2021 4:48:49 PM

Integration File: autoint1.e
 Quant Time: Apr 22 06:56:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 04:10:50 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.574	645571	5.600 ug/ml
Spiked Amount 50.000		Recovery =	11.20%
6) S 2-Fluorobiphenyl (SURR)	8.434	409400	5.361 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.72%
11) S ortho-Terphenyl (SURR)	11.475	692061	5.818 ug/ml
Spiked Amount 50.000		Recovery =	11.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	749279	5.856 ug/ml
2) T Naphthalene (C11.7)	5.913	763422	5.736 ug/ml
3) T 2-Methylnaphthalene (...)	6.963	738002	5.663 ug/ml
5) T Acenaphthylene (C15.06)	8.237	672183	5.500 ug/ml
7) T Acenaphthene (C15.5)	8.532	711212	5.662 ug/ml
8) T Fluorene (C16.55)	9.312	659461	5.481 ug/ml
9) T Phenanthrene (C19.36)	10.707	630557	5.427 ug/ml
10) T Anthracene (C19.43)	10.780	611805	5.366 ug/ml
12) T Fluoranthene (C21.85)	12.515	642582	5.673 ug/ml
13) T Pyrene (C20.8)	12.811	634507	5.672 ug/ml
14) T Benzo[a]anthracene (C...	14.680	604537	5.651 ug/mlm
15) T Chrysene (C27.41)	14.721	632298	5.795 ug/ml
16) T benzo[b]fluoranthene ...	16.227	622076	5.734 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.258	589309	5.604 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.604	572066	5.699 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.966	567032	5.378 ug/mlm
20) T Dibenz[a,h]anthracene...	18.007	569004	5.581 ug/ml
21) T Benzo[g,h,i]perylene ...	18.218	569419	5.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Data File : FD037064.D
Signal(s) : FID2B.CH
Acq On : 22 Apr 2021 4:32
Operator : DD\AJ
Sample : 5 PPM AROMATIC HC STD5
Misc :
ALS Vial : 71 Sample Multiplier: 1

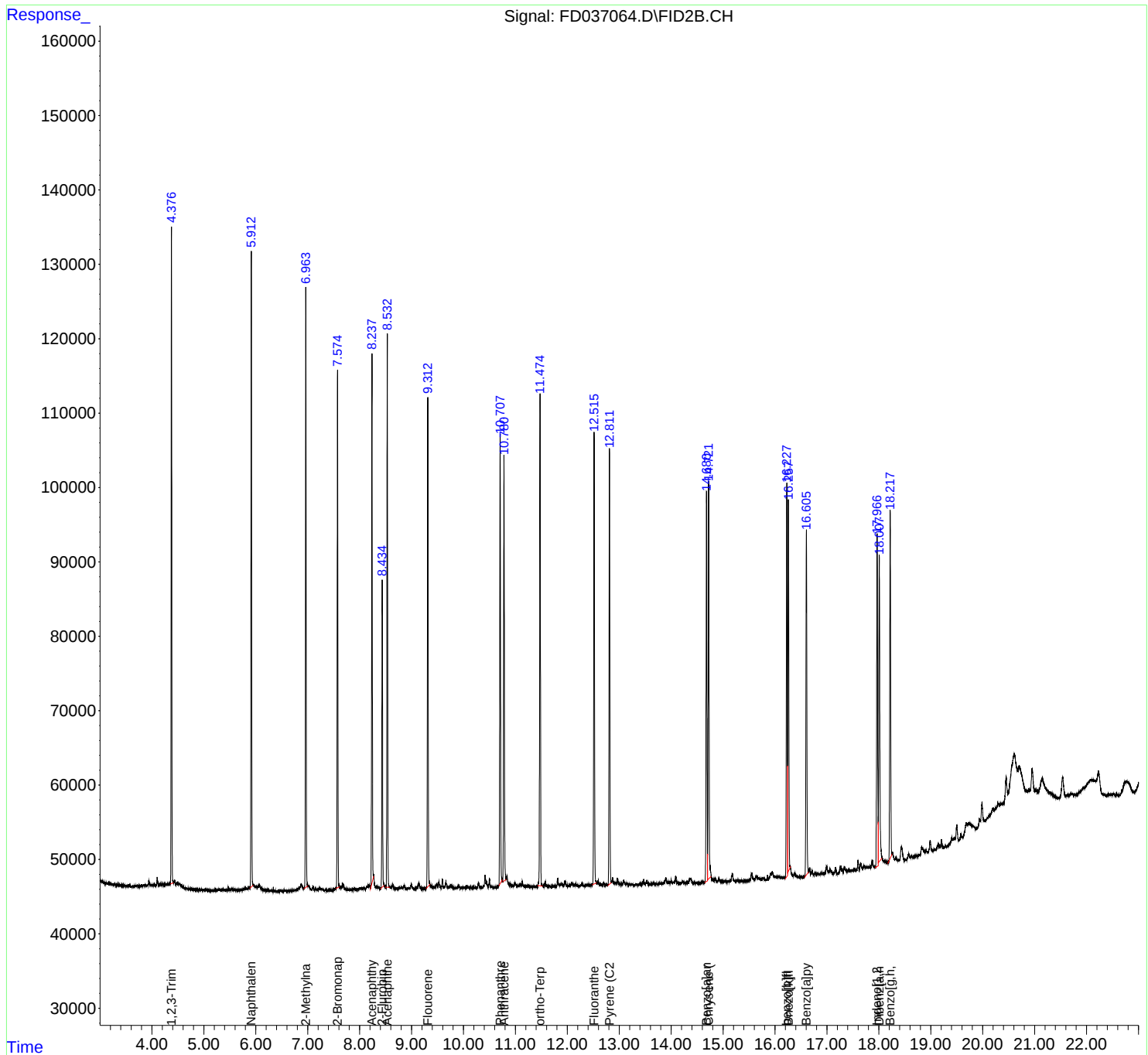
Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

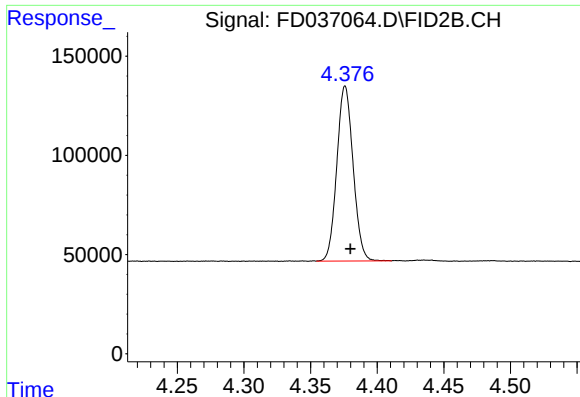
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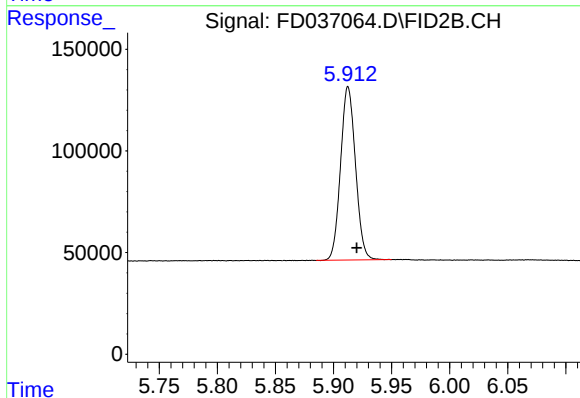
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min
Delta R.T.: -0.004 min
Response: 749279
Conc: 5.86 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

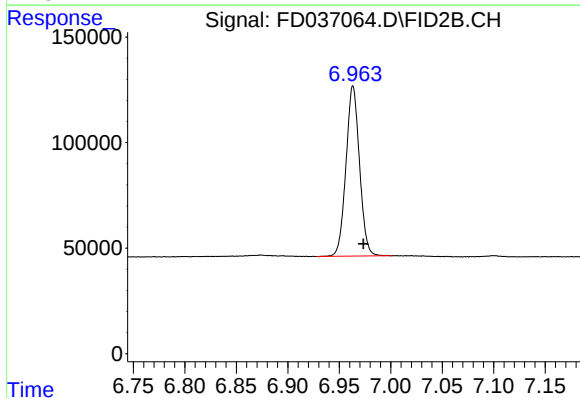
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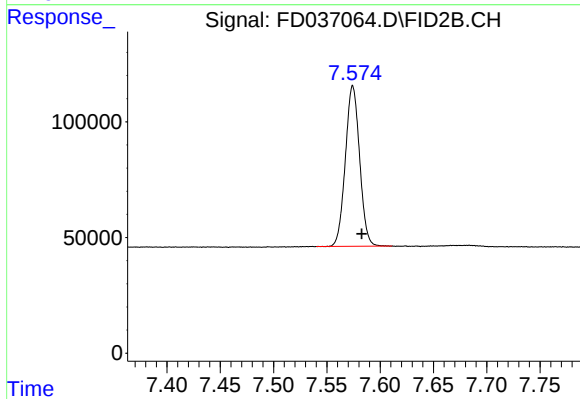
#2 Naphthalene (C11.7)

R.T.: 5.913 min
Delta R.T.: -0.007 min
Response: 763422
Conc: 5.74 ug/ml



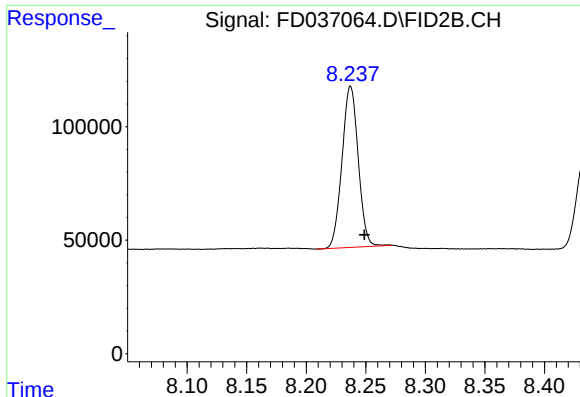
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.963 min
Delta R.T.: -0.010 min
Response: 738002
Conc: 5.66 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.574 min
Delta R.T.: -0.008 min
Response: 645571
Conc: 5.60 ug/ml



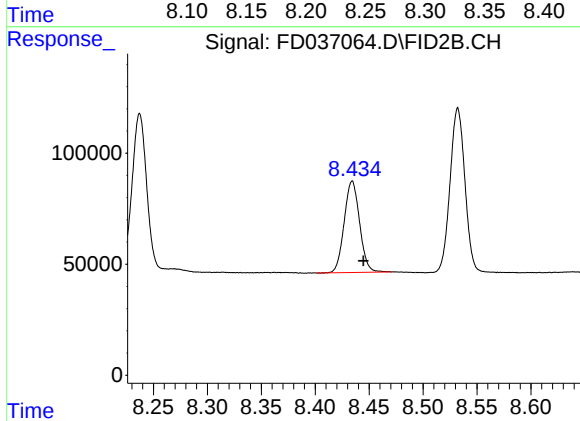
#5 Acenaphthylene (C15.06)

R.T.: 8.237 min
Delta R.T.: -0.012 min
Response: 672183
Conc: 5.50 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

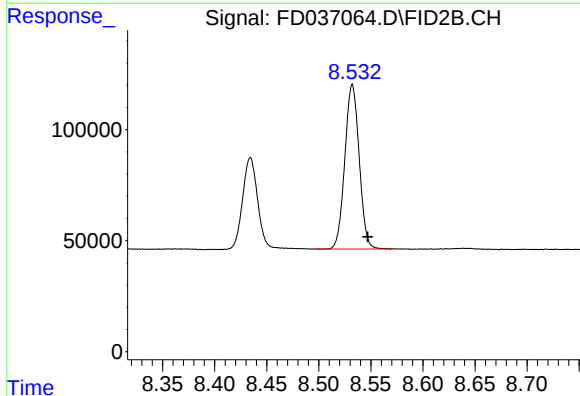
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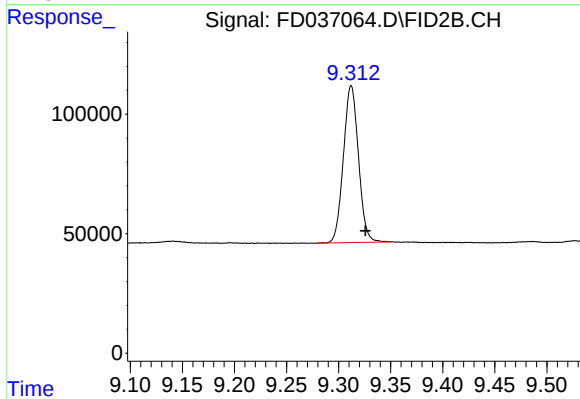
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.434 min
Delta R.T.: -0.010 min
Response: 409400
Conc: 5.36 ug/ml



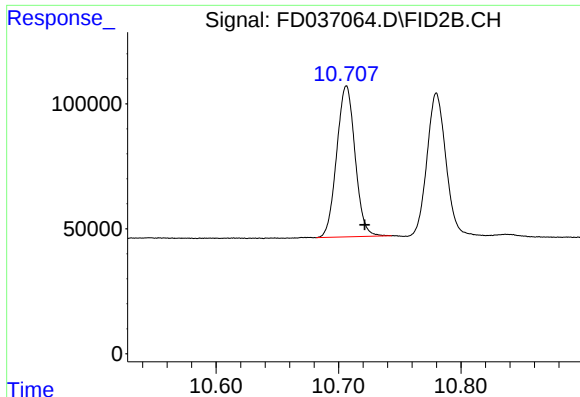
#7 Acenaphthene (C15.5)

R.T.: 8.532 min
Delta R.T.: -0.015 min
Response: 711212
Conc: 5.66 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.312 min
Delta R.T.: -0.014 min
Response: 659461
Conc: 5.48 ug/ml



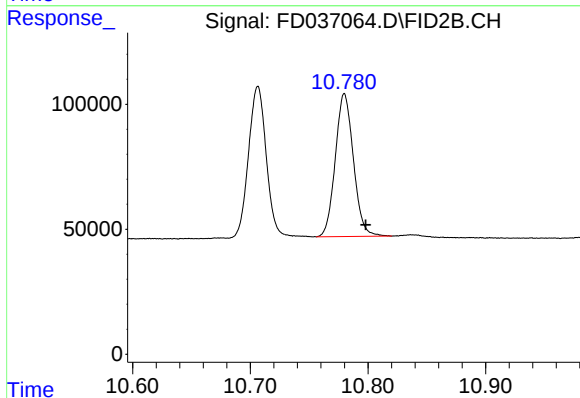
#9 Phenanthrene (C19.36)

R.T.: 10.707 min
Delta R.T.: -0.015 min
Response: 630557
Conc: 5.43 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

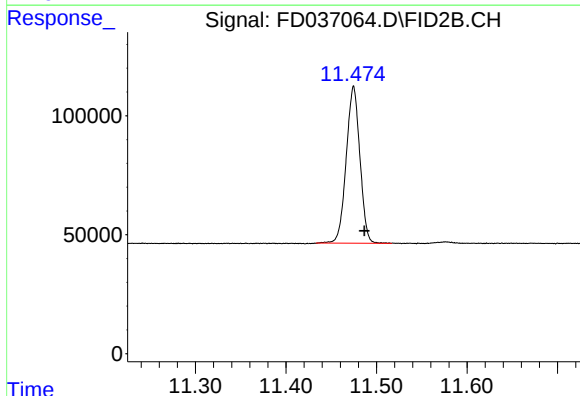
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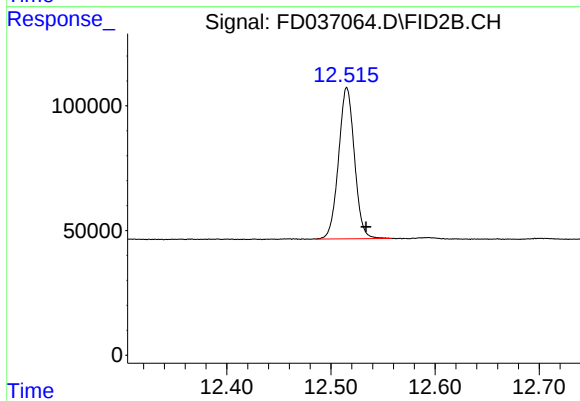
#10 Anthracene (C19.43)

R.T.: 10.780 min
Delta R.T.: -0.018 min
Response: 611805
Conc: 5.37 ug/ml



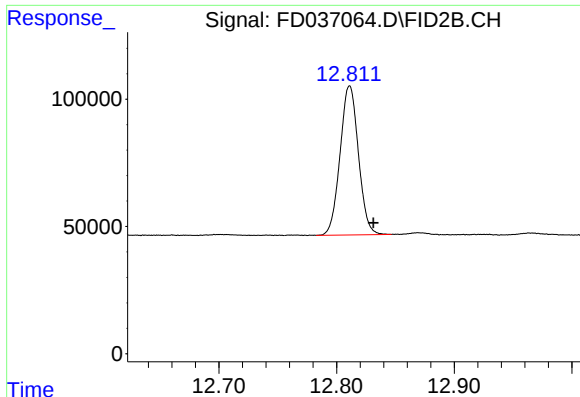
#11 ortho-Terphenyl (SURR)

R.T.: 11.475 min
Delta R.T.: -0.012 min
Response: 692061
Conc: 5.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.515 min
Delta R.T.: -0.019 min
Response: 642582
Conc: 5.67 ug/ml



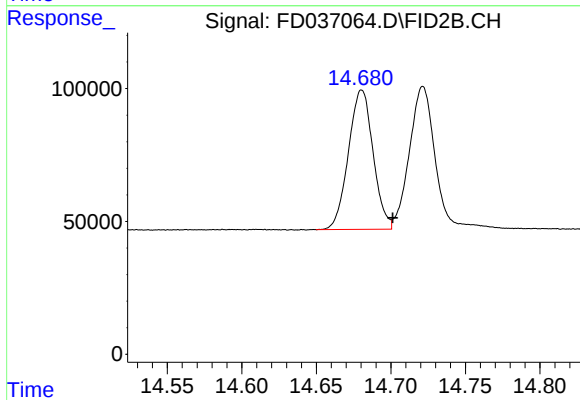
#13 Pyrene (C20.8)

R.T.: 12.811 min
Delta R.T.: -0.020 min
Response: 634507
Conc: 5.67 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

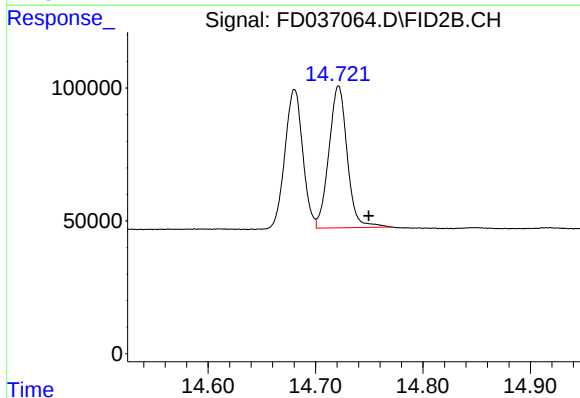
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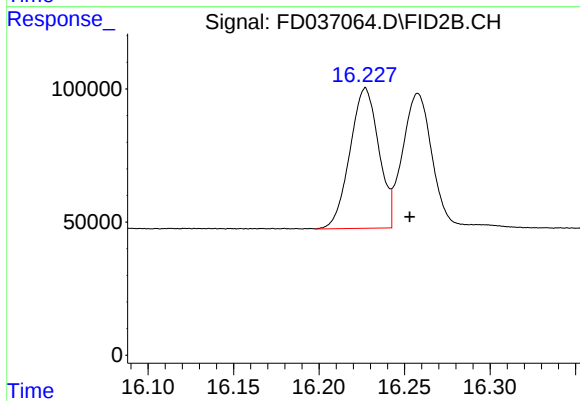
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.680 min
Delta R.T.: -0.021 min
Response: 604537
Conc: 5.65 ug/ml m



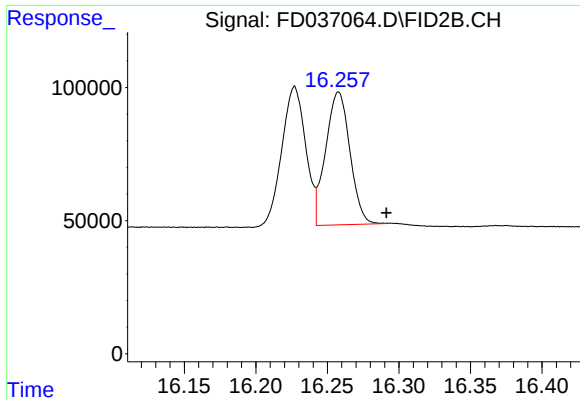
#15 Chrysene (C27.41)

R.T.: 14.721 min
Delta R.T.: -0.028 min
Response: 632298
Conc: 5.80 ug/ml



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

R.T.: 16.227 min
Delta R.T.: -0.026 min
Response: 622076
Conc: 5.73 ug/ml m



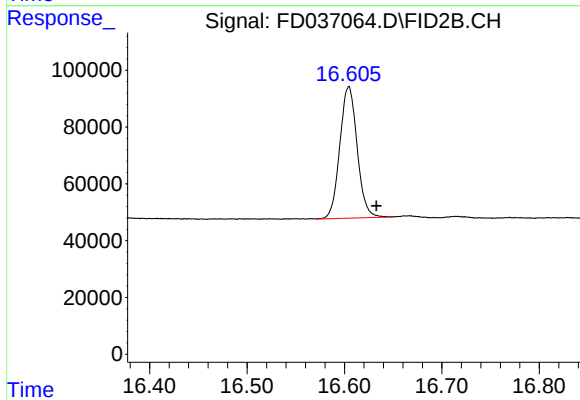
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.258 min
Delta R.T.: -0.034 min
Response: 589309
Conc: 5.60 ug/ml

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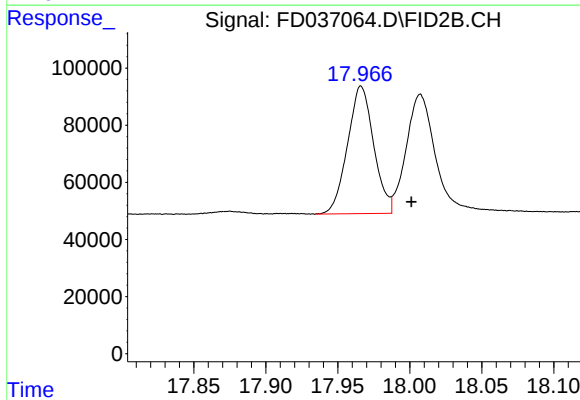
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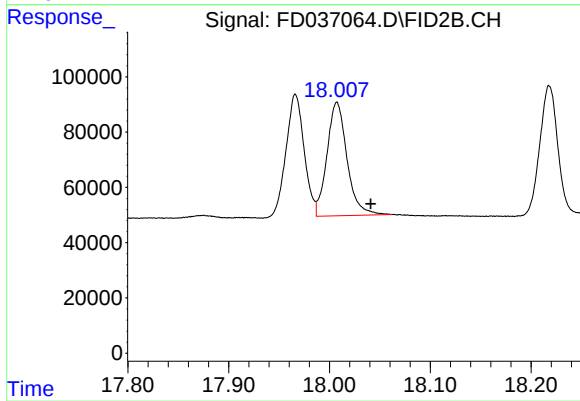
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.604 min
Delta R.T.: -0.028 min
Response: 572066
Conc: 5.70 ug/ml



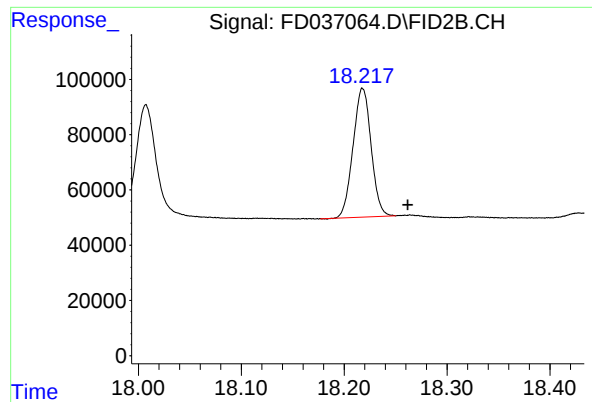
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.966 min
Delta R.T.: -0.035 min
Response: 567032
Conc: 5.38 ug/ml m



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

R.T.: 18.007 min
Delta R.T.: -0.033 min
Response: 569004
Conc: 5.58 ug/ml



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

R.T.: 18.218 min
Delta R.T.: -0.044 min
Response: 569419
Conc: 5.40 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5

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