

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081324AR\
 Data File : FD048225.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2024 15:21
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Aug 12 16:15:24 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 081324.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 12 16:01:19 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...	7.399	740854	4.963 ug/ml
Spiked Amount 50.000		Recovery =	9.93%
6) S 2-Fluorobiphenyl (SURR)	8.253	452809	4.731 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.46%
11) S ortho-Terphenyl (SURR)	11.284	857624	5.091 ug/ml
Spiked Amount 50.000		Recovery =	10.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.220	861447	5.054 ug/ml
2) T Naphthalene (C11.7)	5.740	856575	4.916 ug/ml
3) T 2-Methylnaphthalene (...)	6.787	853214	4.906 ug/ml
5) T Acenaphthylene (C15.06)	8.051	876635	5.091 ug/ml
7) T Acenaphthene (C15.5)	8.345	888650	5.132 ug/ml
8) T Fluorene (C16.55)	9.126	808549	4.903 ug/ml
9) T Phenanthrene (C19.36)	10.514	777874	4.860 ug/ml
10) T Anthracene (C19.43)	10.591	778176	4.961 ug/ml
12) T Fluoranthene (C21.85)	12.319	789578	4.959 ug/ml
13) T Pyrene (C20.8)	12.612	771533	4.916 ug/ml
14) T Benzo[a]anthracene (C...	14.481	630256	4.474 ug/ml
15) T Chrysene (C27.41)	14.520	854912	5.363 ug/ml
16) T benzo[b]fluoranthene ...	16.024	698084	4.702 ug/ml
17) T Bnezo[k]fluoranthene ...	16.056	783914	5.284 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.406	690297	4.687 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.770	498466	4.078 ug/ml
20) T Dibenz[a,h]anthracene...	17.815	825670	5.405 ug/ml
21) T Benzo[g,h,i]perylene ...	18.015	778700	5.157 ug/ml

(f)=RT Delta > 1/2 Window

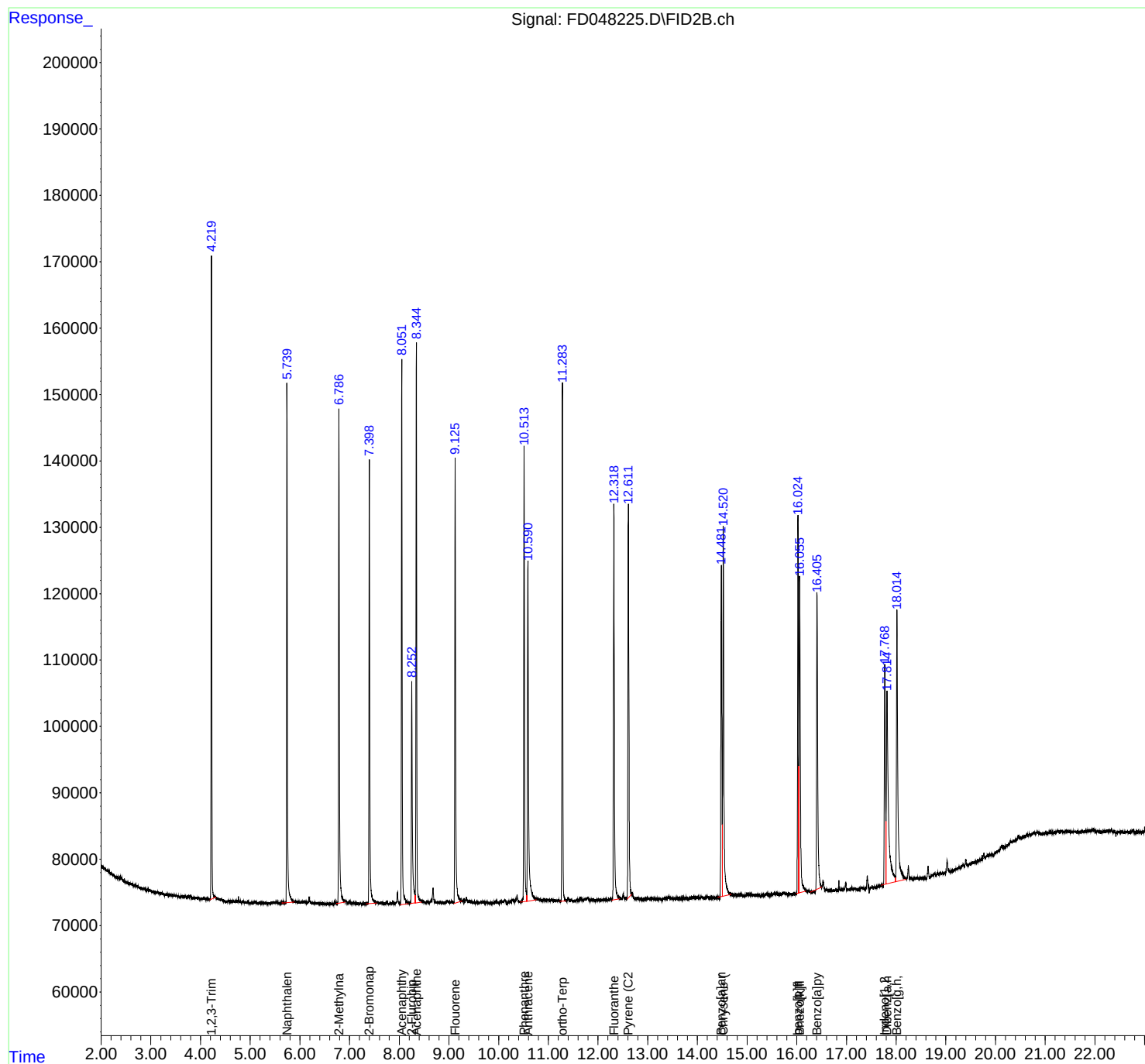
(m)=manual int.

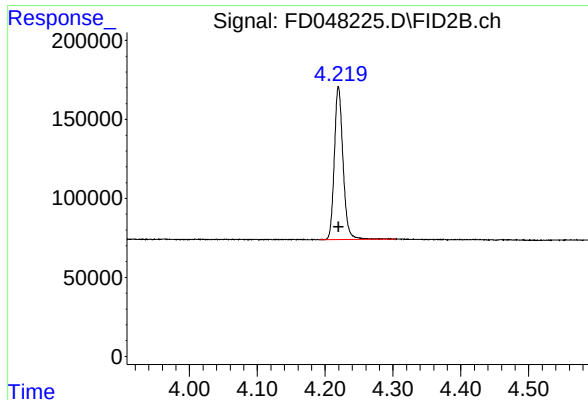
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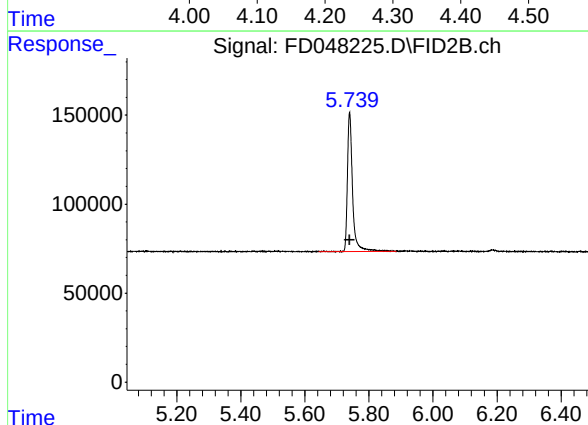




#1 1,2,3-Trimethylbenzene (C10.1)

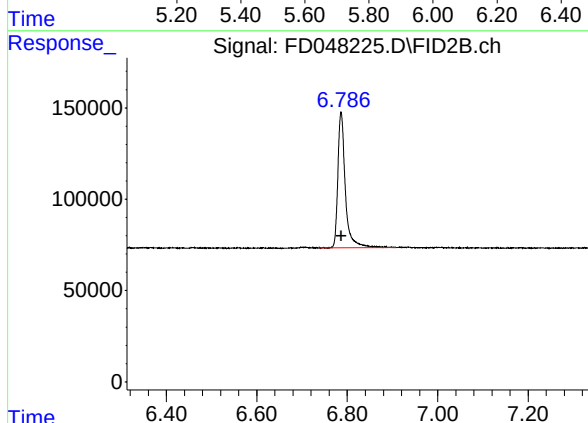
R.T.: 4.220 min
Delta R.T.: 0.000 min
Response: 861447
Conc: 5.05 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



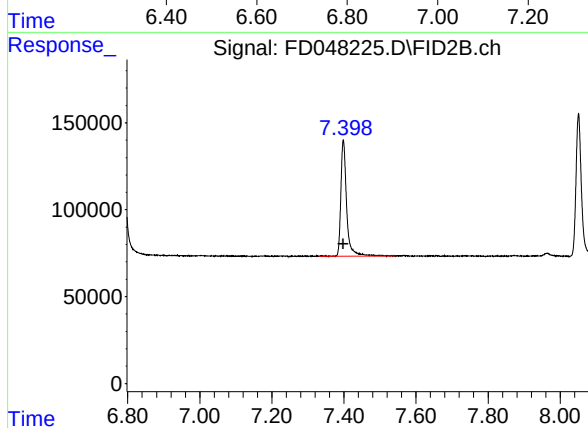
#2 Naphthalene (C11.7)

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 856575
Conc: 4.92 ug/ml



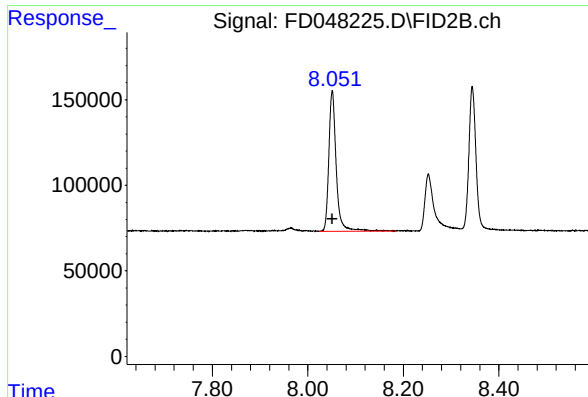
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 853214
Conc: 4.91 ug/ml



#4 2-Bromonaphthalene (SURR)

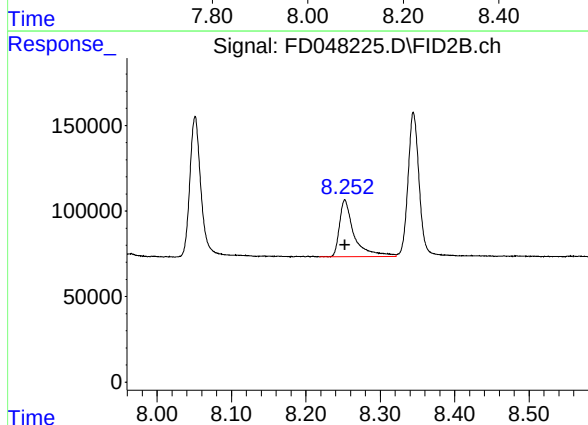
R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 740854
Conc: 4.96 ug/ml



#5 Acenaphthylene (C15.06)

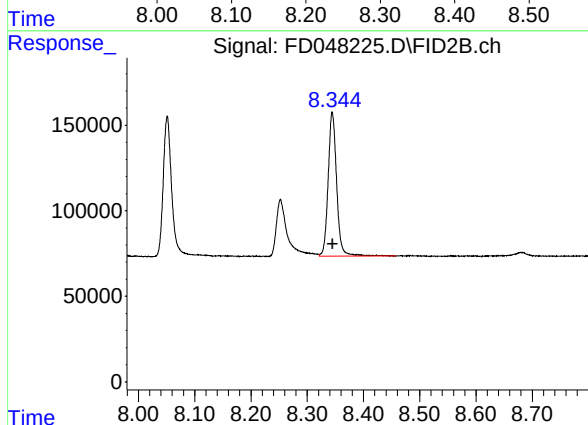
R.T.: 8.051 min
Delta R.T.: 0.000 min
Response: 876635
Conc: 5.09 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



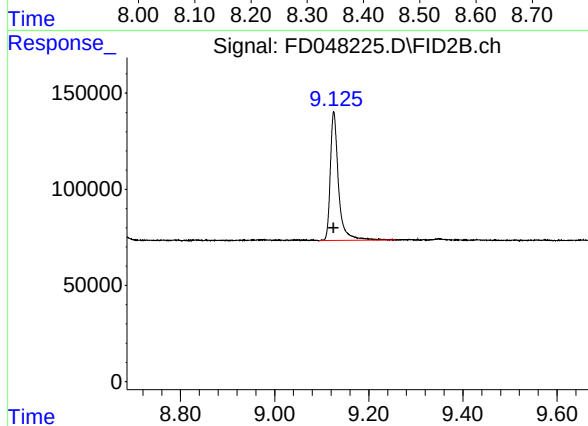
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.253 min
Delta R.T.: 0.000 min
Response: 452809
Conc: 4.73 ug/ml



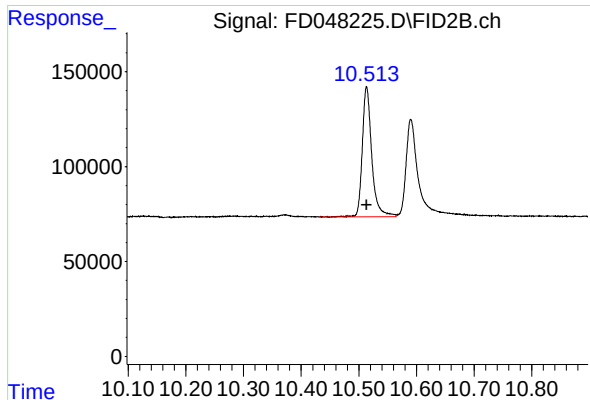
#7 Acenaphthene (C15.5)

R.T.: 8.345 min
Delta R.T.: 0.000 min
Response: 888650
Conc: 5.13 ug/ml



#8 Flouorene (C16.55)

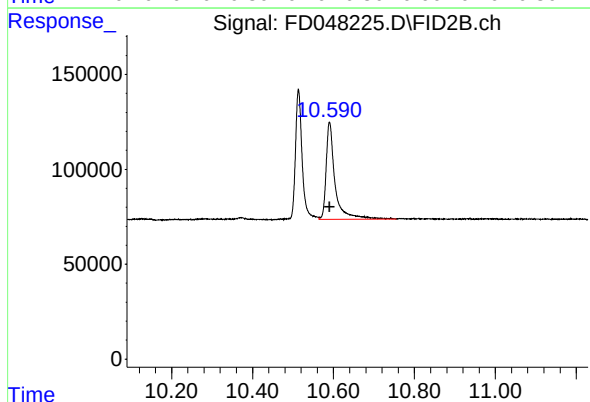
R.T.: 9.126 min
Delta R.T.: 0.000 min
Response: 808549
Conc: 4.90 ug/ml



#9 Phenanthrene (C19.36)

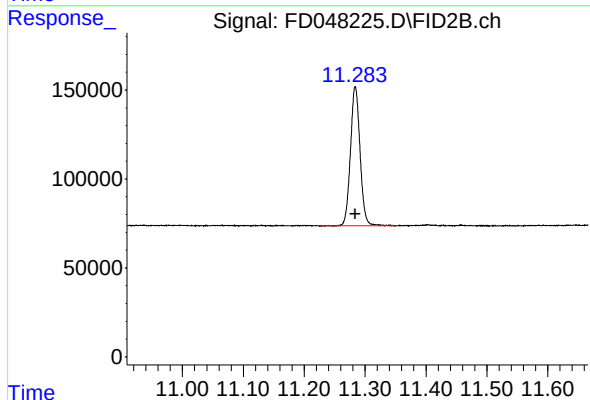
R.T.: 10.514 min
Delta R.T.: 0.000 min
Response: 777874
Conc: 4.86 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5



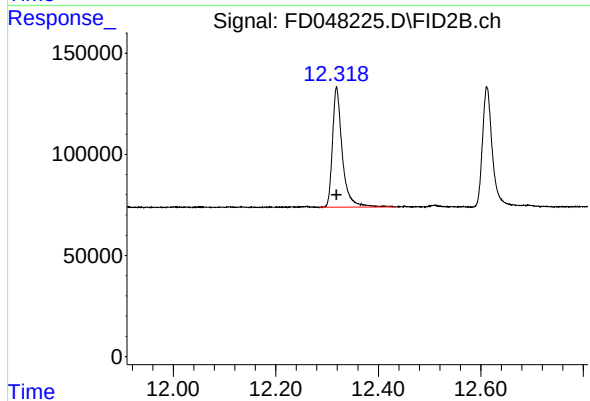
#10 Anthracene (C19.43)

R.T.: 10.591 min
Delta R.T.: 0.000 min
Response: 778176
Conc: 4.96 ug/ml



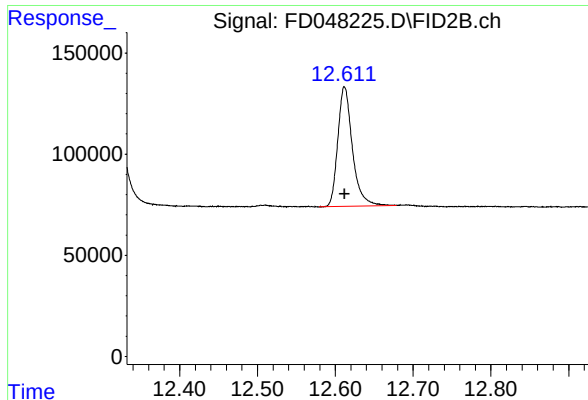
#11 ortho-Terphenyl (SURR)

R.T.: 11.284 min
Delta R.T.: 0.000 min
Response: 857624
Conc: 5.09 ug/ml



#12 Fluoranthene (C21.85)

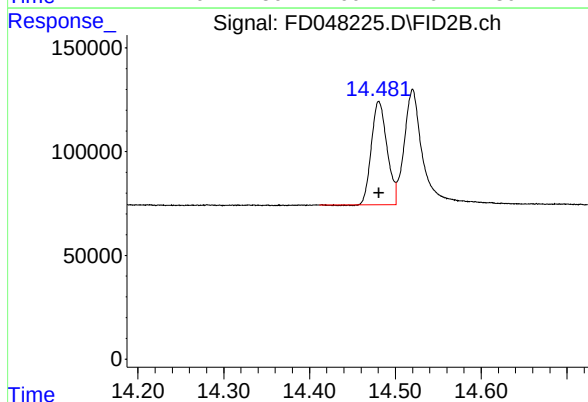
R.T.: 12.319 min
Delta R.T.: 0.000 min
Response: 789578
Conc: 4.96 ug/ml



#13 Pyrene (C20.8)

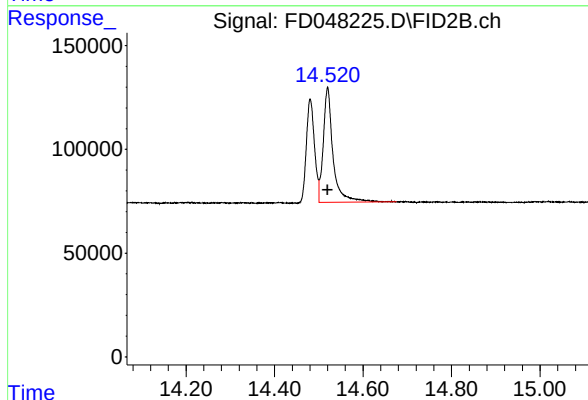
R.T.: 12.612 min
Delta R.T.: 0.000 min
Response: 771533
Conc: 4.92 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



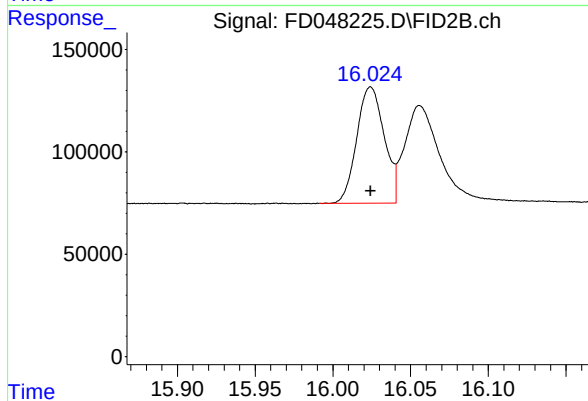
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.481 min
Delta R.T.: 0.000 min
Response: 630256
Conc: 4.47 ug/ml



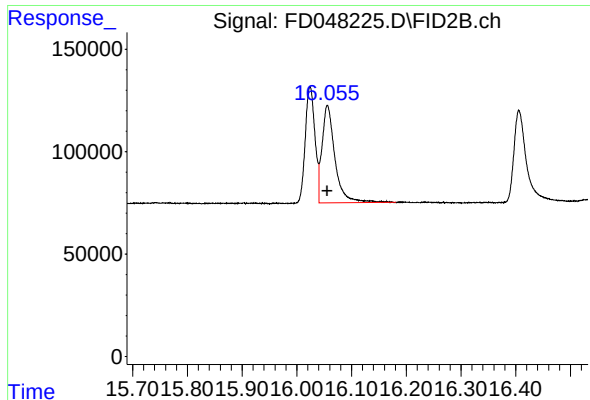
#15 Chrysene (C27.41)

R.T.: 14.520 min
Delta R.T.: 0.000 min
Response: 854912
Conc: 5.36 ug/ml



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

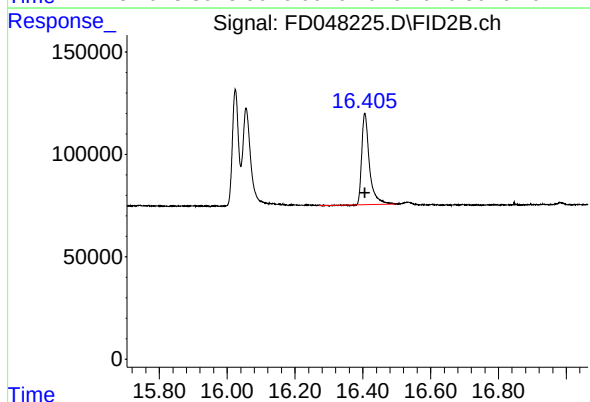
R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 698084
Conc: 4.70 ug/ml



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

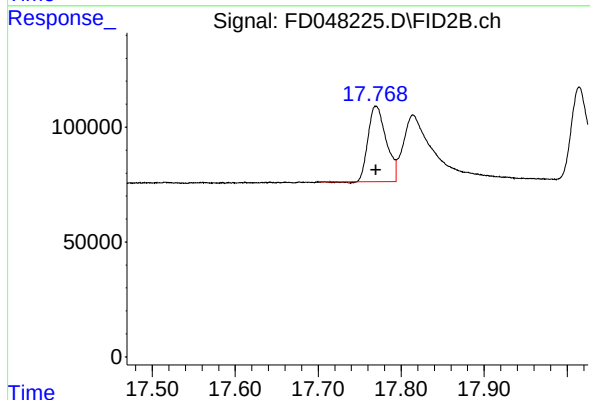
R.T.: 16.056 min
Delta R.T.: 0.000 min
Response: 783914
Conc: 5.28 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



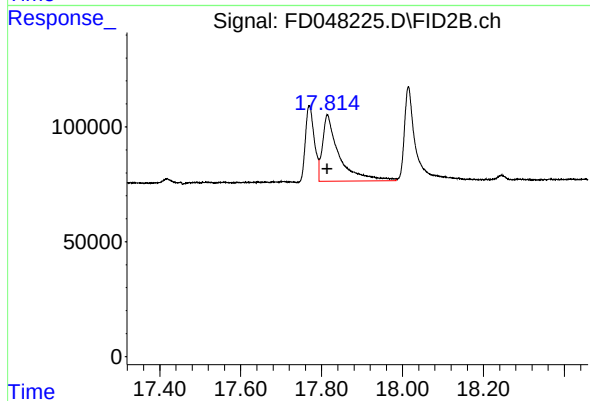
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.406 min
Delta R.T.: 0.000 min
Response: 690297
Conc: 4.69 ug/ml



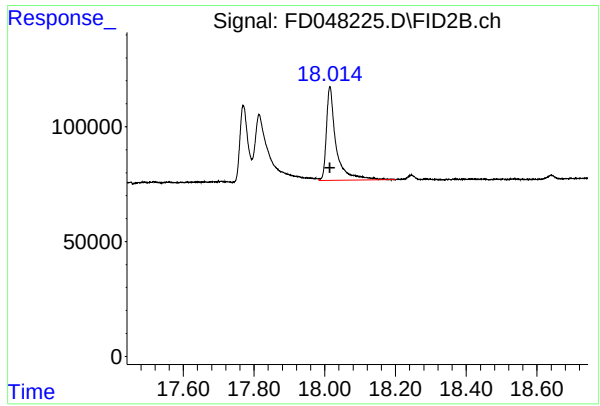
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.770 min
Delta R.T.: 0.000 min
Response: 498466
Conc: 4.08 ug/ml



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

R.T.: 17.815 min
Delta R.T.: 0.000 min
Response: 825670
Conc: 5.41 ug/ml



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

R.T.: 18.015 min
Delta R.T.: 0.000 min
Response: 778700
Conc: 5.16 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5