

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081324AR\
 Data File : FD048222.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2024 13:20
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Aug 12 16:11:56 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	7210438	50.168 ug/ml
Spiked Amount 50.000		Recovery =	100.34%
6) S 2-Fluorobiphenyl (SURR)	8.250	4767234	50.325 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.65%
11) S ortho-Terphenyl (SURR)	11.287	8063563	50.125 ug/ml
Spiked Amount 50.000		Recovery =	100.25%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.218	8236548	50.396 ug/ml
2) T Naphthalene (C11.7)	5.738	8497525	50.393 ug/ml
3) T 2-Methylnaphthalene (...)	6.786	8488974	50.333 ug/ml
5) T Acenaphthylene (C15.06)	8.053	8280278	50.184 ug/ml
7) T Acenaphthene (C15.5)	8.349	8301692	50.019 ug/ml
8) T Fluorene (C16.55)	9.127	8045705	50.207 ug/ml
9) T Phenanthrene (C19.36)	10.515	7851164	50.356 ug/ml
10) T Anthracene (C19.43)	10.590	7631986	50.447 ug/ml
12) T Fluoranthene (C21.85)	12.320	7719449	50.120 ug/ml
13) T Pyrene (C20.8)	12.614	7655986	50.155 ug/ml
14) T Benzo[a]anthracene (C...	14.482	7159201	50.513 ug/ml
15) T Chrysene (C27.41)	14.525	7464297	49.929 ug/ml
16) T benzo[b]fluoranthene ...	16.030	7356512	50.181 ug/ml
17) T Bnezo[k]fluoranthene ...	16.065	7025959	50.162 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.407	7262620	50.294 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.771	6527094	50.785 ug/ml
20) T Dibenz[a,h]anthracene...	17.810	7111729	50.060 ug/ml
21) T Benzo[g,h,i]perylene ...	18.024	7252207	50.170 ug/ml

(f)=RT Delta > 1/2 Window

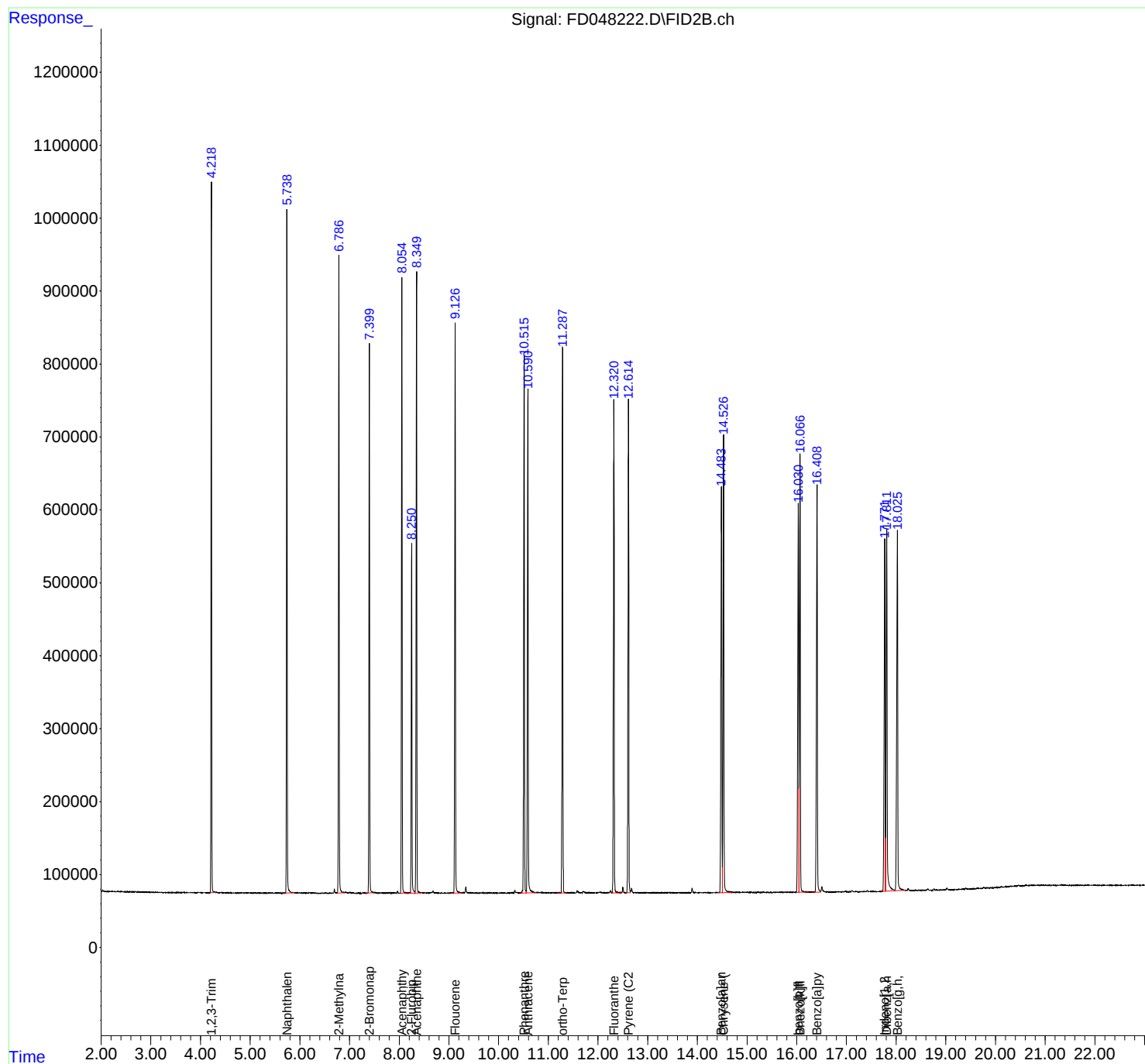
(m)=manual int.

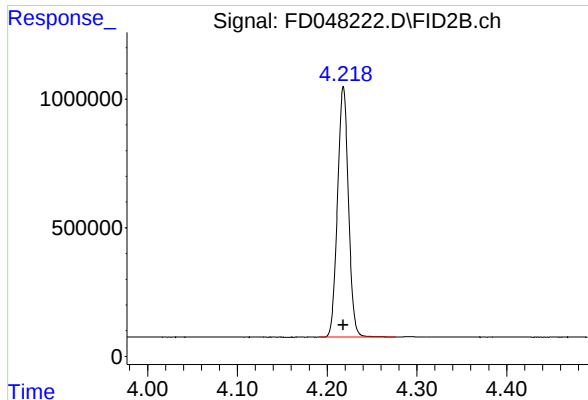
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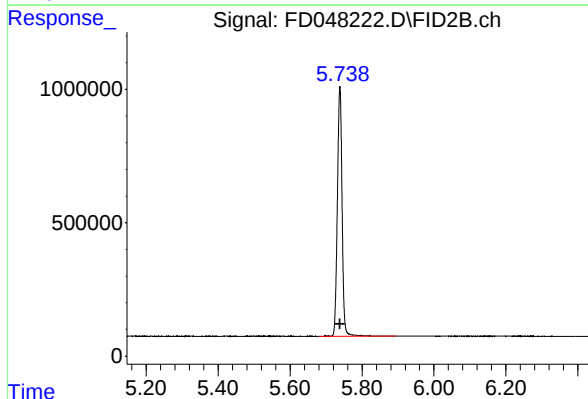




#1 1,2,3-Trimethylbenzene (C10.1)

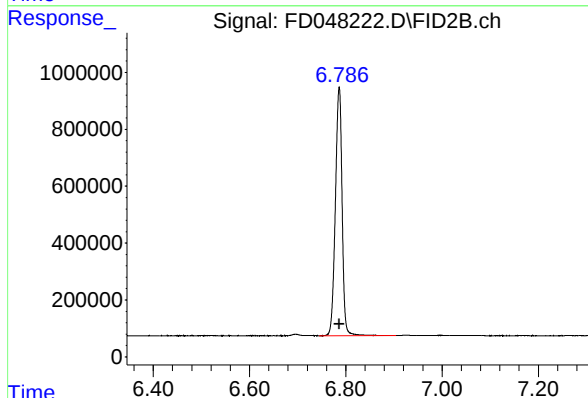
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 8236548
Conc: 50.40 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



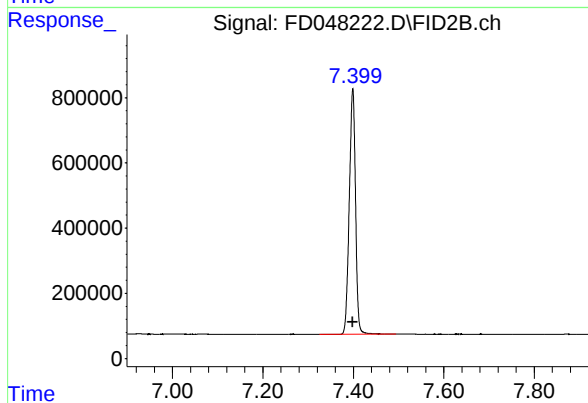
#2 Naphthalene (C11.7)

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 8497525
Conc: 50.39 ug/ml



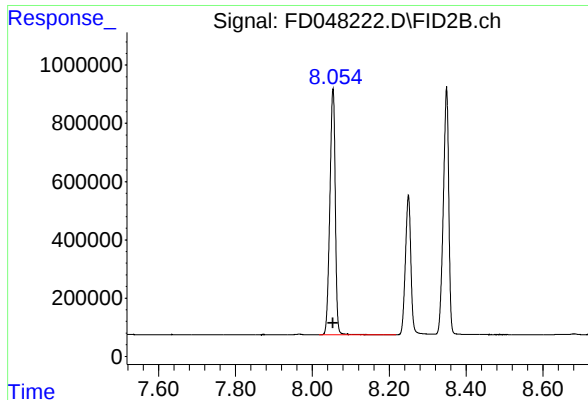
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.786 min
Delta R.T.: 0.000 min
Response: 8488974
Conc: 50.33 ug/ml



#4 2-Bromonaphthalene (SURR)

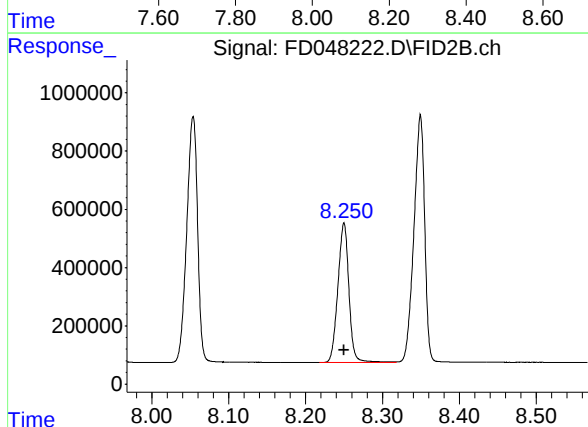
R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 7210438
Conc: 50.17 ug/ml



#5 Acenaphthylene (C15.06)

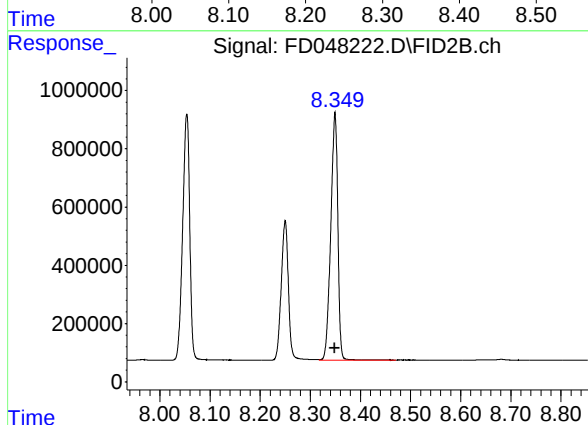
R.T.: 8.053 min
Delta R.T.: 0.000 min
Response: 8280278
Conc: 50.18 ug/ml

Instrument :
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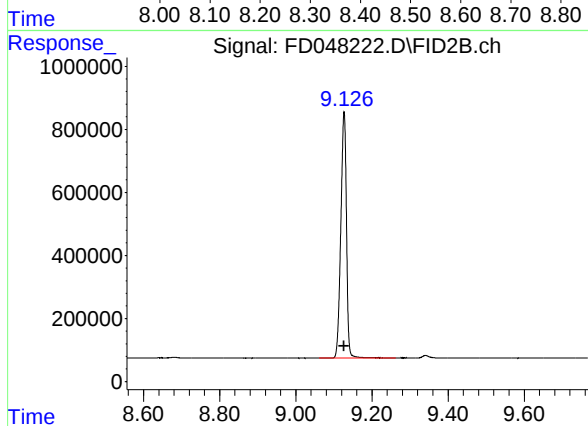
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.250 min
Delta R.T.: 0.000 min
Response: 4767234
Conc: 50.32 ug/ml



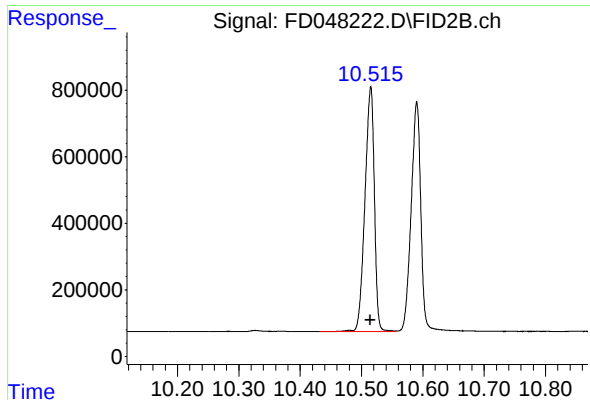
#7 Acenaphthene (C15.5)

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 8301692
Conc: 50.02 ug/ml



#8 Flouorene (C16.55)

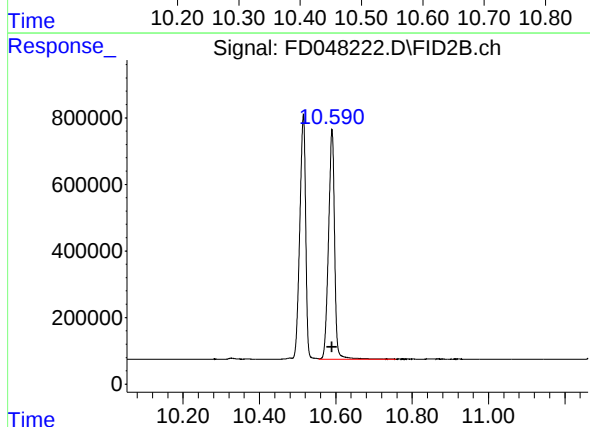
R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 8045705
Conc: 50.21 ug/ml



#9 Phenanthrene (C19.36)

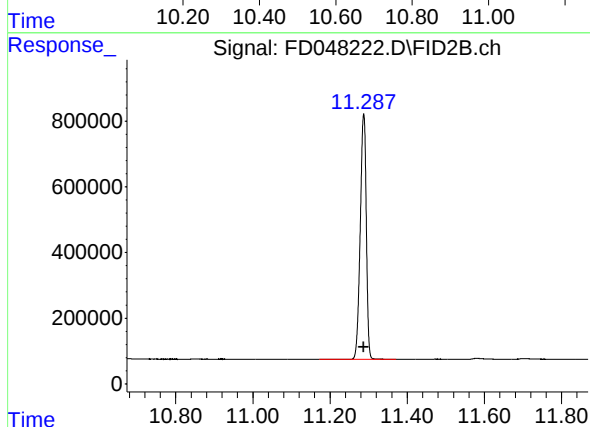
R.T.: 10.515 min
Delta R.T.: 0.000 min
Response: 7851164
Conc: 50.36 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



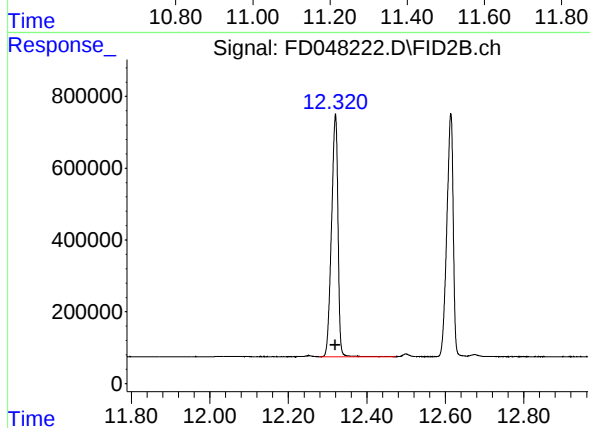
#10 Anthracene (C19.43)

R.T.: 10.590 min
Delta R.T.: 0.000 min
Response: 7631986
Conc: 50.45 ug/ml



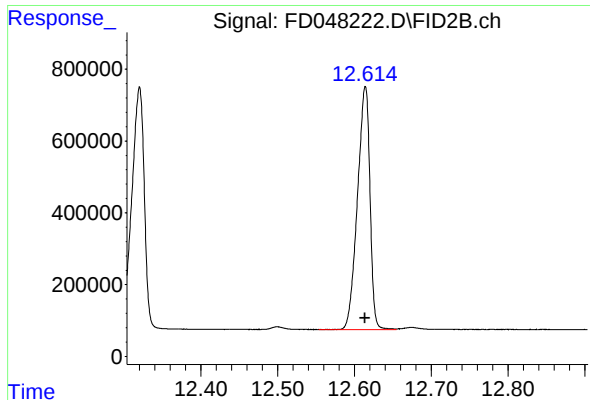
#11 ortho-Terphenyl (SURRE)

R.T.: 11.287 min
Delta R.T.: 0.000 min
Response: 8063563
Conc: 50.13 ug/ml



#12 Fluoranthene (C21.85)

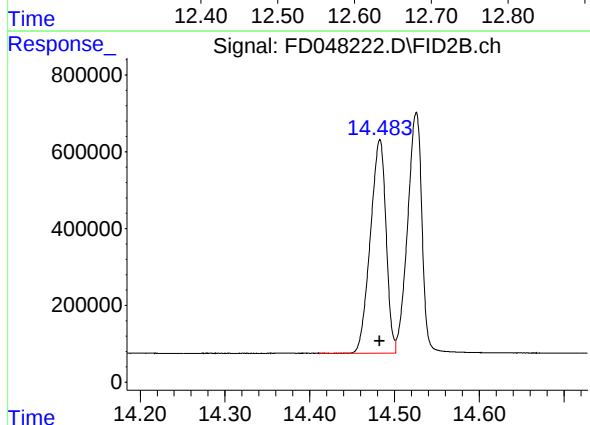
R.T.: 12.320 min
Delta R.T.: 0.000 min
Response: 7719449
Conc: 50.12 ug/ml



#13 Pyrene (C20.8)

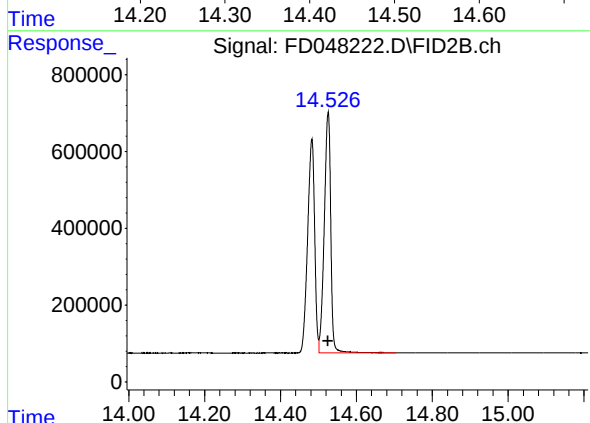
R.T.: 12.614 min
Delta R.T.: 0.000 min
Response: 7655986
Conc: 50.15 ug/ml

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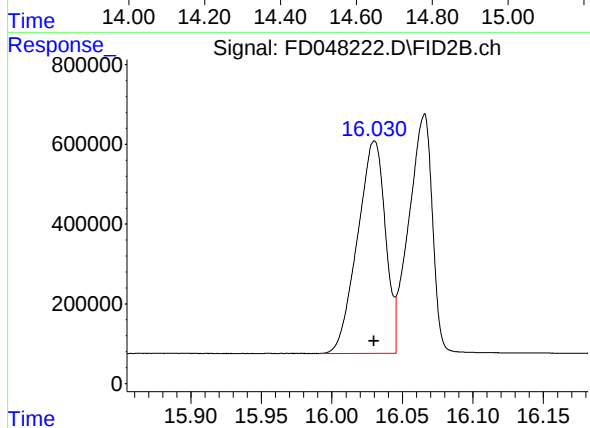
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.482 min
Delta R.T.: 0.000 min
Response: 7159201
Conc: 50.51 ug/ml



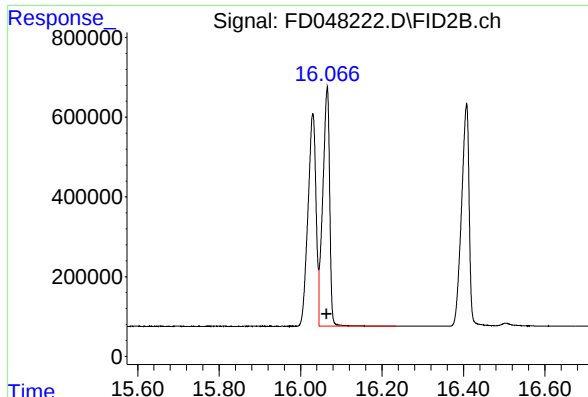
#15 Chrysene (C27.41)

R.T.: 14.525 min
Delta R.T.: 0.000 min
Response: 7464297
Conc: 49.93 ug/ml



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

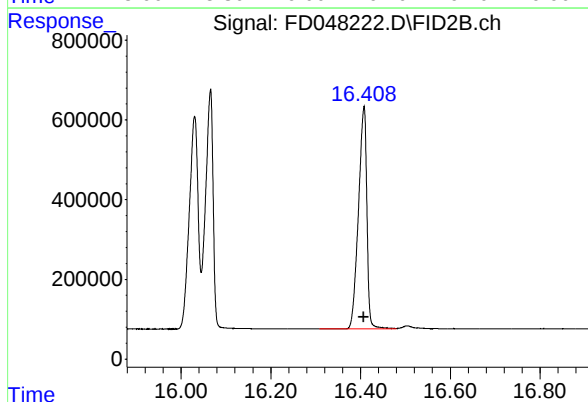
R.T.: 16.030 min
Delta R.T.: 0.000 min
Response: 7356512
Conc: 50.18 ug/ml



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

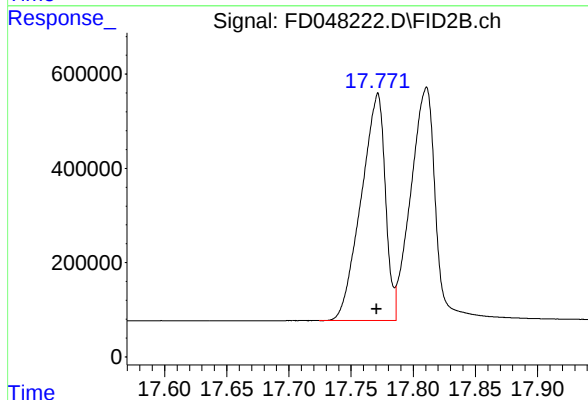
R.T.: 16.065 min
Delta R.T.: 0.000 min
Response: 7025959
Conc: 50.16 ug/ml

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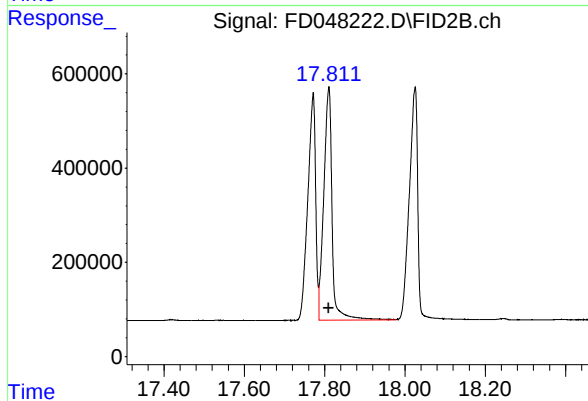
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.407 min
Delta R.T.: 0.000 min
Response: 7262620
Conc: 50.29 ug/ml



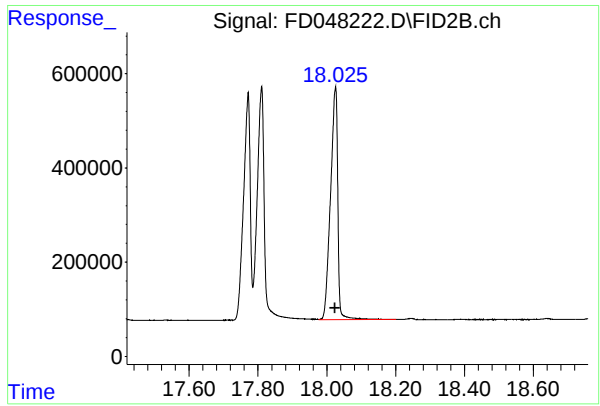
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.771 min
Delta R.T.: 0.000 min
Response: 6527094
Conc: 50.79 ug/ml



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

R.T.: 17.810 min
Delta R.T.: 0.000 min
Response: 7111729
Conc: 50.06 ug/ml



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

R.T.: 18.024 min
Delta R.T.: 0.000 min
Response: 7252207
Conc: 50.17 ug/ml

Instrument :
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