

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081324AR\
 Data File : FD048224.D
 Signal(s) : FID2B.ch
 Acq On : 12 Aug 2024 14:40
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Aug 12 16:13:39 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...	7.398	1669506	11.165 ug/ml
Spiked Amount 50.000		Recovery =	22.33%
6) S 2-Fluorobiphenyl (SURR)	8.249	1038372	10.704 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.41%
11) S ortho-Terphenyl (SURR)	11.284	1880981	11.218 ug/ml
Spiked Amount 50.000		Recovery =	22.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.218	1896867	11.158 ug/ml
2) T Naphthalene (C11.7)	5.738	1940623	11.090 ug/ml
3) T 2-Methylnaphthalene (...)	6.785	1929169	11.041 ug/ml
5) T Acenaphthylene (C15.06)	8.051	1905886	11.120 ug/ml
7) T Acenaphthene (C15.5)	8.344	1901250	11.053 ug/ml
8) T Fluorene (C16.55)	9.124	1820898	10.988 ug/ml
9) T Phenanthrene (C19.36)	10.511	1769035	10.977 ug/ml
10) T Anthracene (C19.43)	10.586	1748091	11.122 ug/ml
12) T Fluoranthene (C21.85)	12.315	1760956	11.038 ug/ml
13) T Pyrene (C20.8)	12.609	1724445	10.942 ug/ml
14) T Benzo[a]anthracene (C...	14.476	1530786	10.589 ug/ml
15) T Chrysene (C27.41)	14.518	1775191	11.343 ug/ml
16) T benzo[b]fluoranthene ...	16.021	1629357	10.813 ug/ml
17) T Bnezo[k]fluoranthene ...	16.052	1647621	11.267 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.400	1650837	11.037 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.763	1259201	9.847 ug/ml
20) T Dibenz[a,h]anthracene...	17.805	1724766	11.524 ug/ml
21) T Benzo[g,h,i]perylene ...	18.010	1656507	11.056 ug/ml

(f)=RT Delta > 1/2 Window

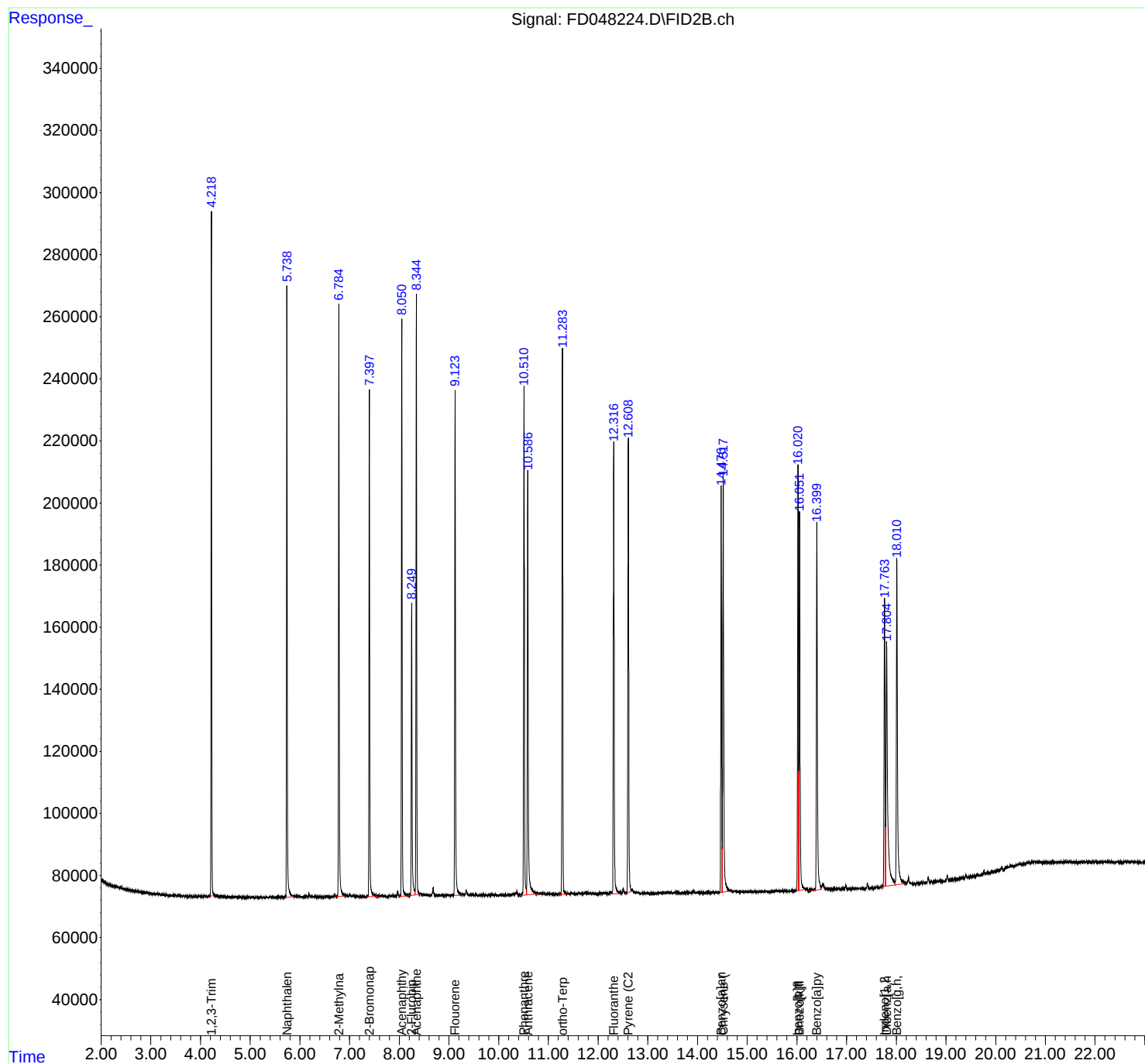
(m)=manual int.

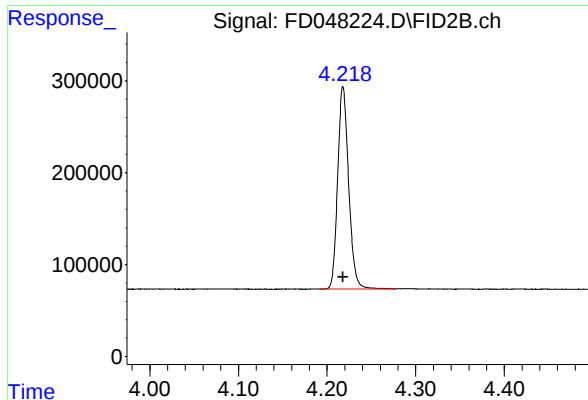
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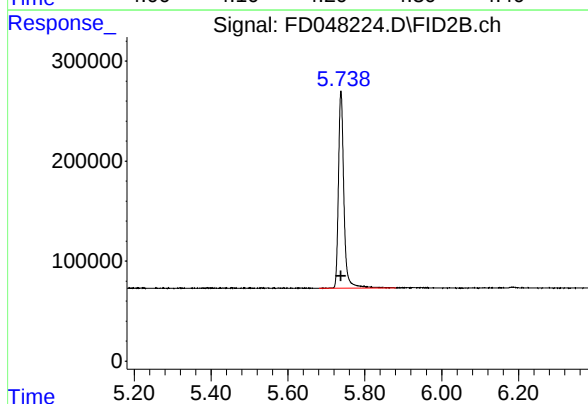




#1 1,2,3-Trimethylbenzene (C10.1)

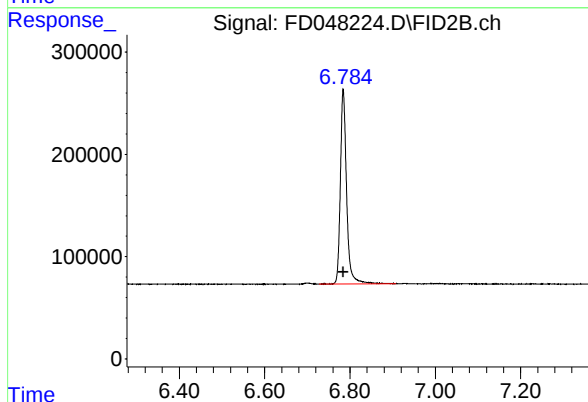
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 1896867
Conc: 11.16 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



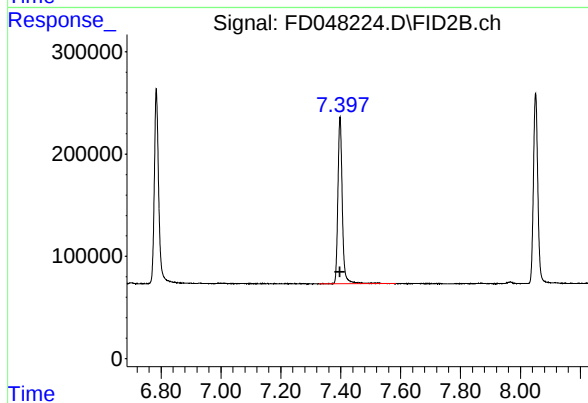
#2 Naphthalene (C11.7)

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 1940623
Conc: 11.09 ug/ml



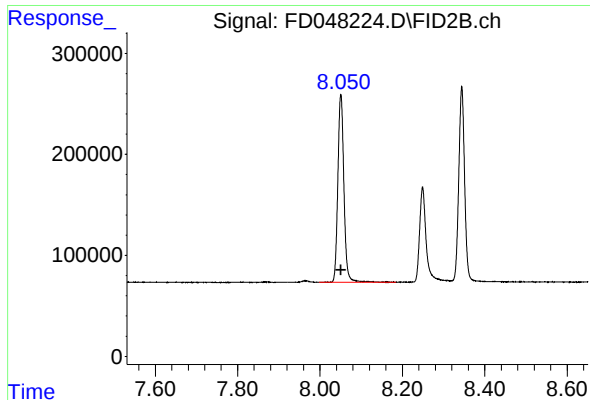
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.785 min
Delta R.T.: 0.000 min
Response: 1929169
Conc: 11.04 ug/ml



#4 2-Bromonaphthalene (SURR)

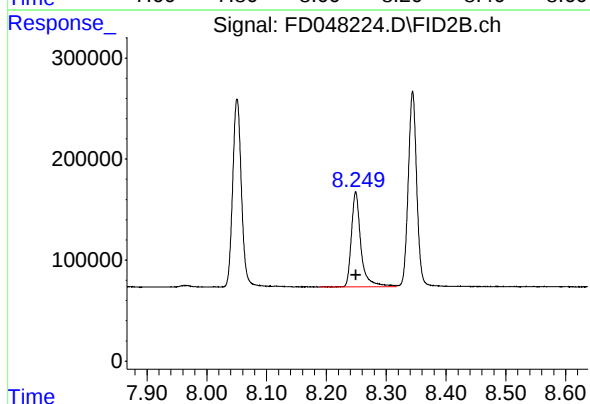
R.T.: 7.398 min
Delta R.T.: 0.000 min
Response: 1669506
Conc: 11.16 ug/ml



#5 Acenaphthylene (C15.06)

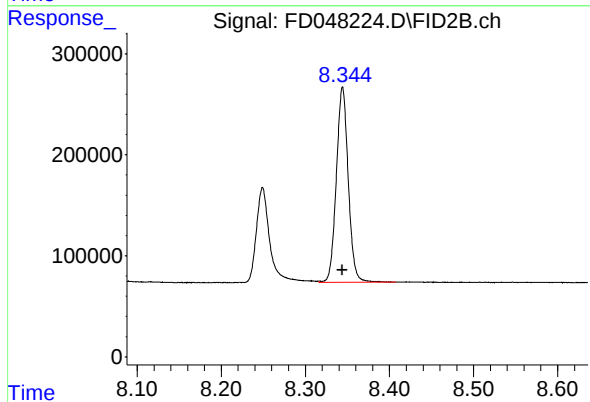
R.T.: 8.051 min
Delta R.T.: 0.000 min
Response: 1905886
Conc: 11.12 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



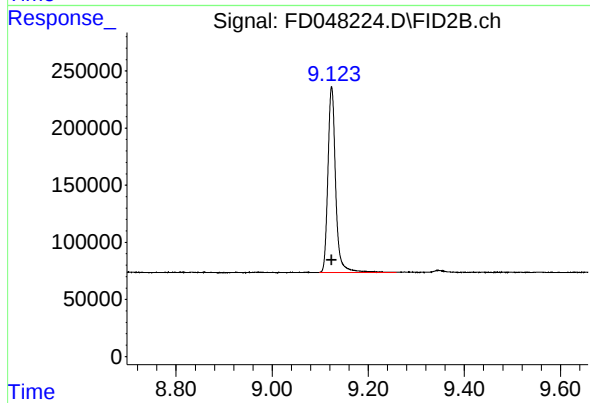
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.249 min
Delta R.T.: 0.000 min
Response: 1038372
Conc: 10.70 ug/ml



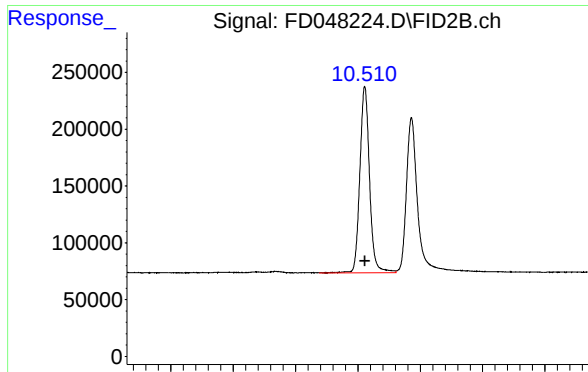
#7 Acenaphthene (C15.5)

R.T.: 8.344 min
Delta R.T.: 0.000 min
Response: 1901250
Conc: 11.05 ug/ml



#8 Flouorene (C16.55)

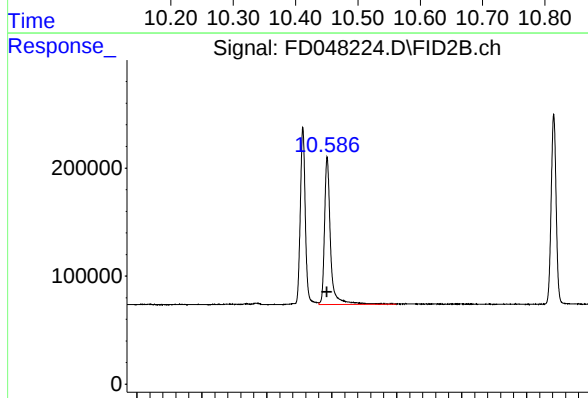
R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 1820898
Conc: 10.99 ug/ml



#9 Phenanthrene (C19.36)

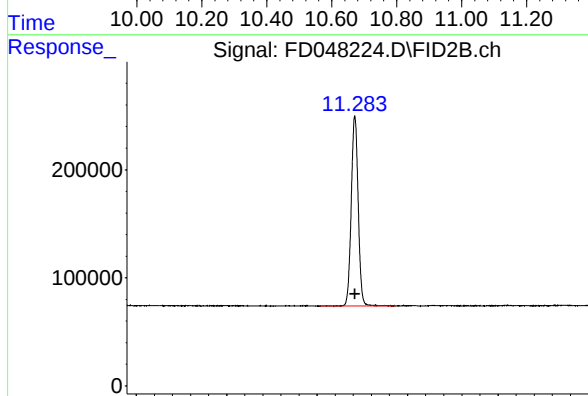
R.T.: 10.511 min
Delta R.T.: 0.000 min
Response: 1769035
Conc: 10.98 ug/ml

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10 PPM AROMATIC HC STD4



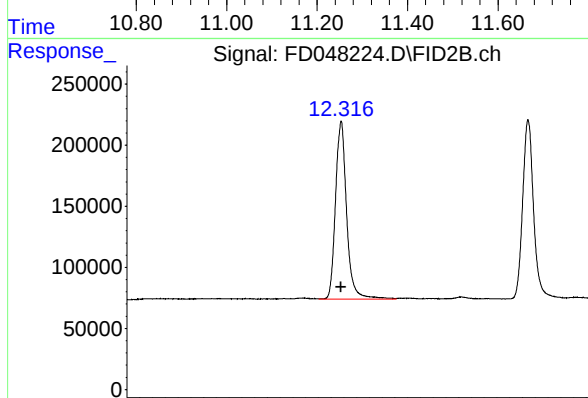
#10 Anthracene (C19.43)

R.T.: 10.586 min
Delta R.T.: 0.000 min
Response: 1748091
Conc: 11.12 ug/ml



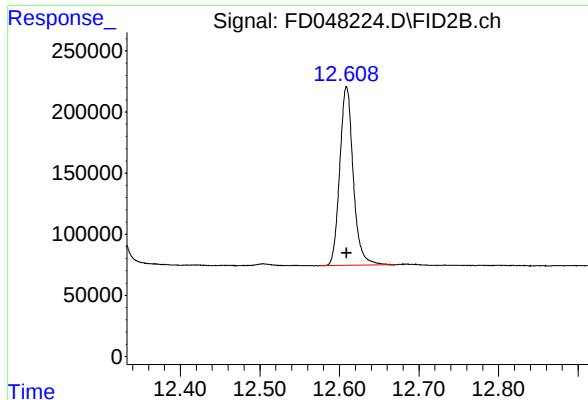
#11 ortho-Terphenyl (SURR)

R.T.: 11.284 min
Delta R.T.: 0.000 min
Response: 1880981
Conc: 11.22 ug/ml



#12 Fluoranthene (C21.85)

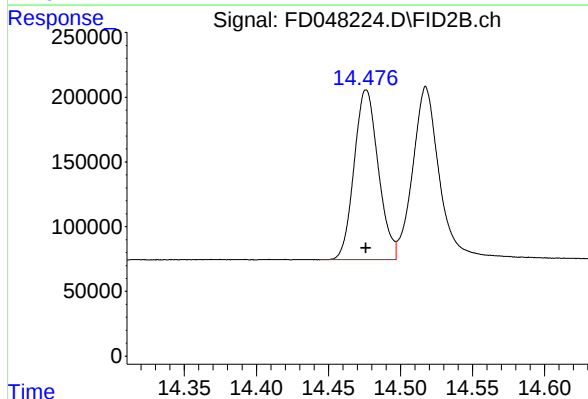
R.T.: 12.315 min
Delta R.T.: 0.000 min
Response: 1760956
Conc: 11.04 ug/ml



#13 Pyrene (C20.8)

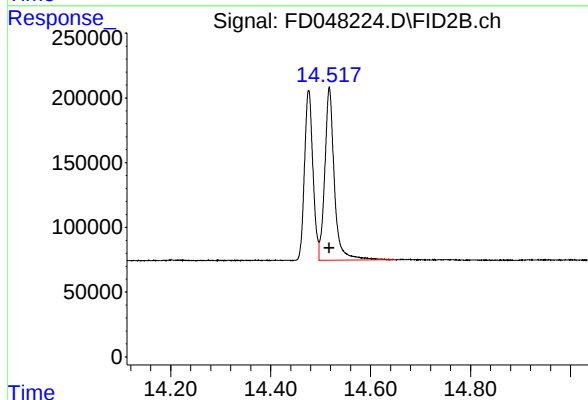
R.T.: 12.609 min
Delta R.T.: 0.000 min
Response: 1724445
Conc: 10.94 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



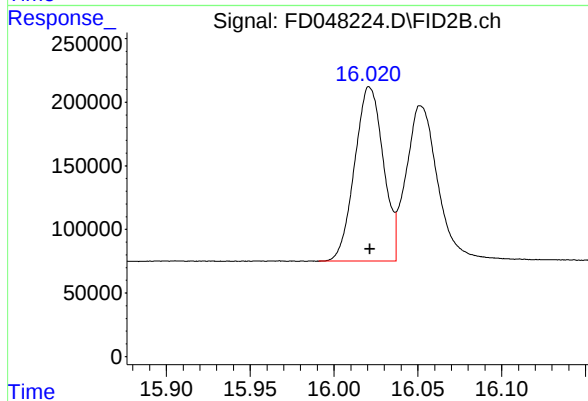
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.476 min
Delta R.T.: 0.000 min
Response: 1530786
Conc: 10.59 ug/ml



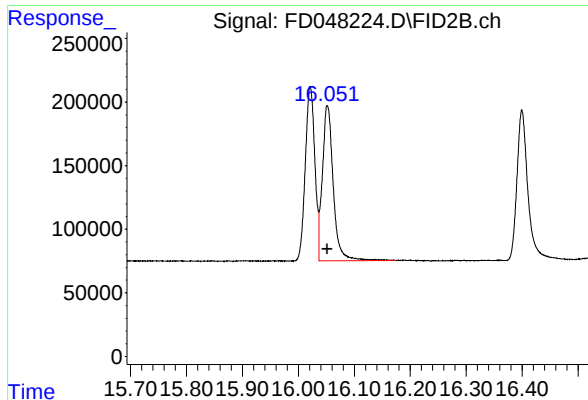
#15 Chrysene (C27.41)

R.T.: 14.518 min
Delta R.T.: 0.000 min
Response: 1775191
Conc: 11.34 ug/ml



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

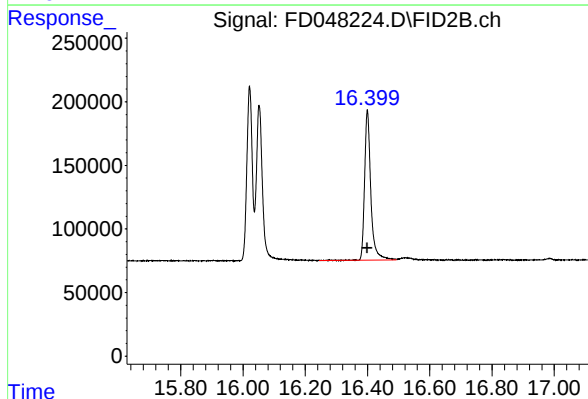
R.T.: 16.021 min
Delta R.T.: 0.000 min
Response: 1629357
Conc: 10.81 ug/ml



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

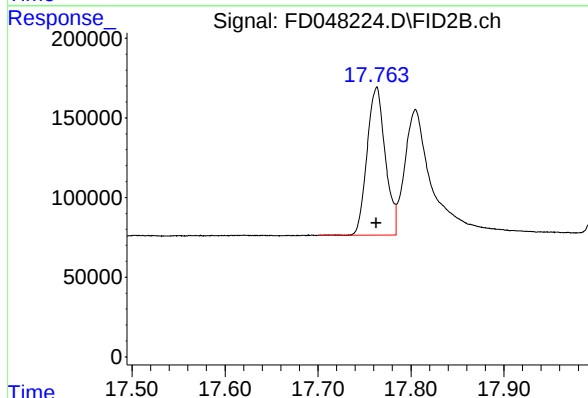
R.T.: 16.052 min
Delta R.T.: 0.000 min
Response: 1647621
Conc: 11.27 ug/ml

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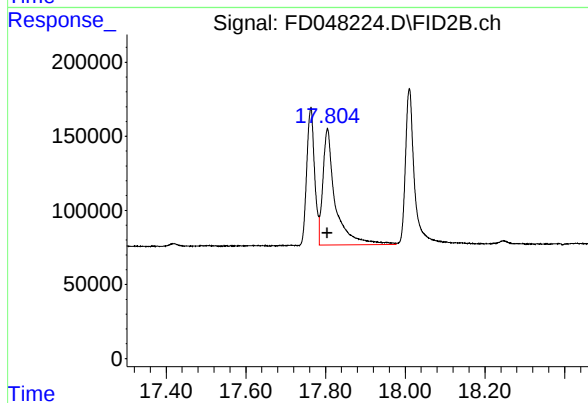
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.400 min
Delta R.T.: 0.000 min
Response: 1650837
Conc: 11.04 ug/ml



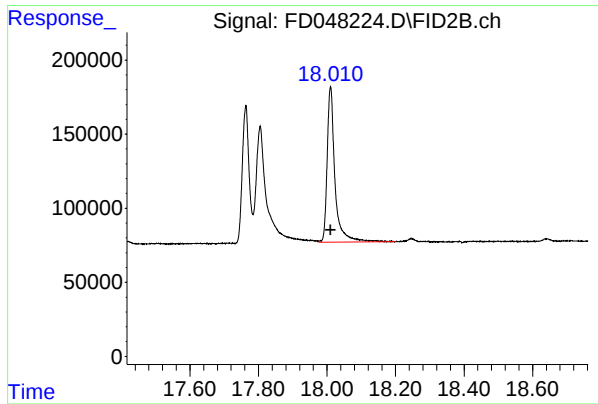
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.763 min
Delta R.T.: 0.000 min
Response: 1259201
Conc: 9.85 ug/ml



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

R.T.: 17.805 min
Delta R.T.: 0.000 min
Response: 1724766
Conc: 11.52 ug/ml



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

R.T.: 18.010 min

Delta R.T.: 0.000 min

Response: 1656507

Conc: 11.06 ug/ml

Instrument :

FID_D

ClientSampleId :

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