

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AR\
 Data File : FD049215.D
 Signal(s) : FID2B.ch
 Acq On : 02 Apr 2025 17:45
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Apr 02 19:07:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 02 19:07:35 2025
 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...	7.747	1235559	10.664 ug/ml
Spiked Amount 50.000		Recovery =	21.33%
6) S 2-Fluorobiphenyl (SURR)	8.612	838346	10.349 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.70%
11) S ortho-Terphenyl (SURR)	11.652	1556909	10.706 ug/ml
Spiked Amount 50.000		Recovery =	21.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.539	1202583	10.957 ug/ml
2) T Naphthalene (C11.7)	6.085	1300142	10.593 ug/ml
3) T 2-Methylnaphthalene (...)	7.138	1273919	10.401 ug/ml
5) T Acenaphthylene (C15.06)	8.415	1483119	10.677 ug/ml
7) T Acenaphthene (C15.5)	8.710	1401668	10.478 ug/ml
8) T Fluorene (C16.55)	9.491	1352088	10.159 ug/ml
9) T Phenanthrene (C19.36)	10.888	1442015	10.242 ug/ml
10) T Anthracene (C19.43)	10.962	1196560	9.645 ug/ml
12) T Fluoranthene (C21.85)	12.699	1527245	10.392 ug/ml
13) T Pyrene (C20.8)	12.997	1554037	10.477 ug/ml
14) T Benzo[a]anthracene (C...	14.866	1074884	9.305 ug/ml
15) T Chrysene (C27.41)	14.908	1170163	9.694 ug/ml
16) T benzo[b]fluoranthene ...	16.416	1246202	10.181 ug/ml
17) T Bnezo[k]fluoranthene ...	16.447	1165201	9.965 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.794	1093588	9.928 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.155	972258	9.821 ug/ml
20) T Dibenz[a,h]anthracene...	18.196	746425	8.870 ug/ml
21) T Benzo[g,h,i]perylene ...	18.411	1189366	10.641 ug/ml

(f)=RT Delta > 1/2 Window

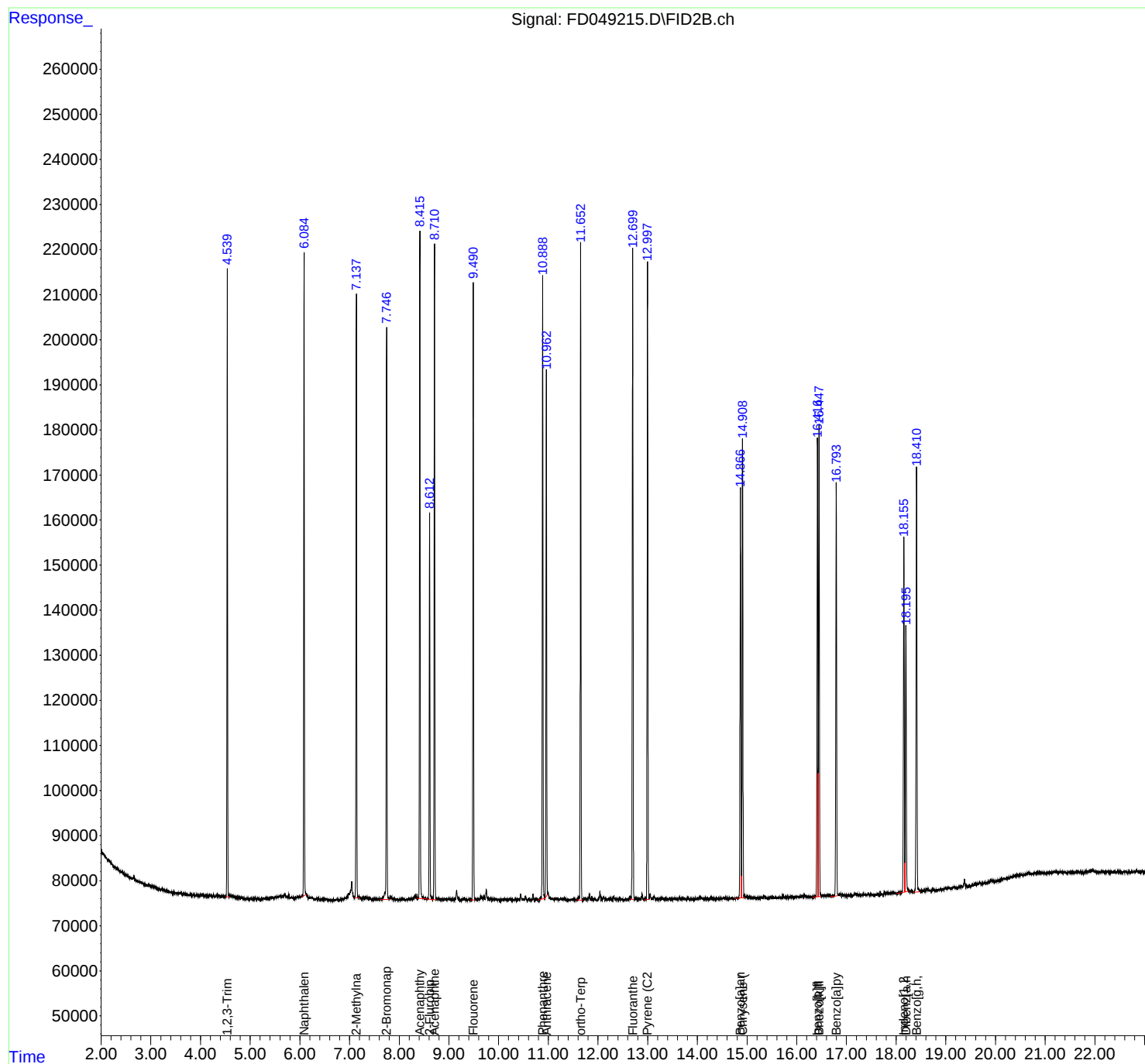
(m)=manual int.

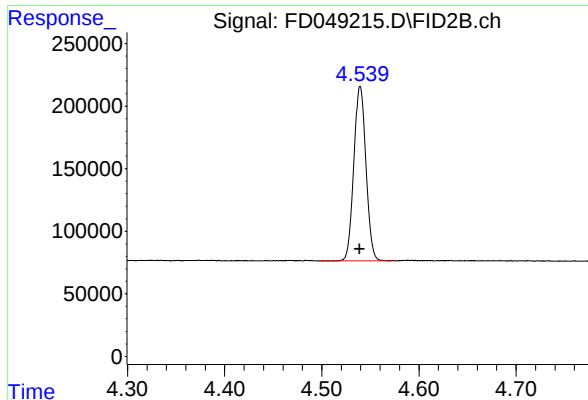
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Signal Info : 20M x 0.18mm x 0.18µm

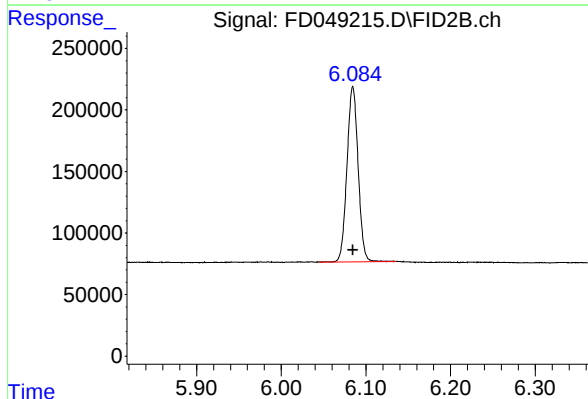




#1 1,2,3-Trimethylbenzene (C10.1)

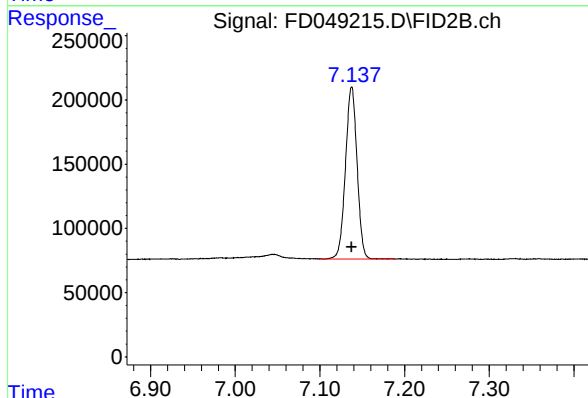
R.T.: 4.539 min
Delta R.T.: 0.000 min
Response: 1202583
Conc: 10.96 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



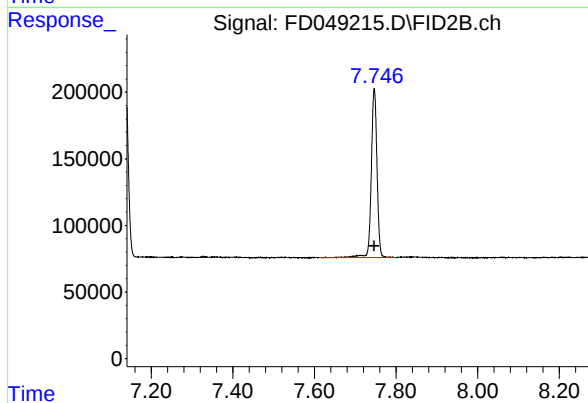
#2 Naphthalene (C11.7)

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 1300142
Conc: 10.59 ug/ml



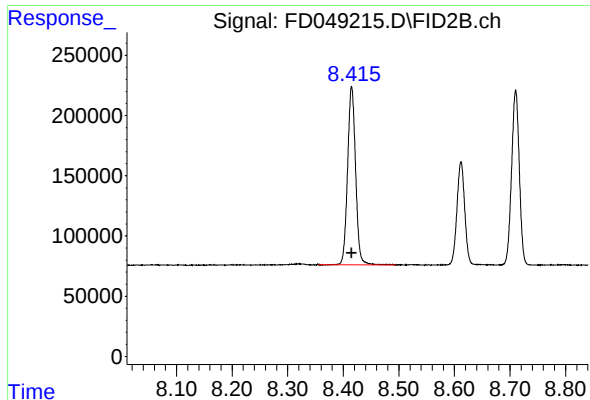
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 1273919
Conc: 10.40 ug/ml



#4 2-Bromonaphthalene (SURR)

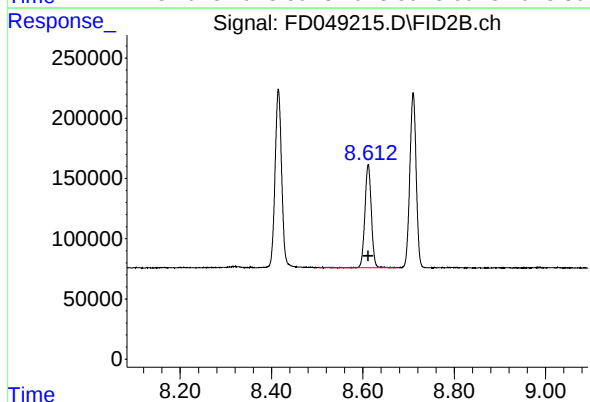
R.T.: 7.747 min
Delta R.T.: 0.000 min
Response: 1235559
Conc: 10.66 ug/ml



#5 Acenaphthylene (C15.06)

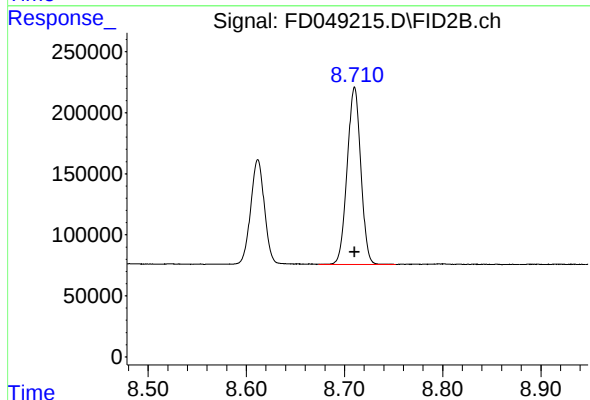
R.T.: 8.415 min
Delta R.T.: 0.000 min
Response: 1483119
Conc: 10.68 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



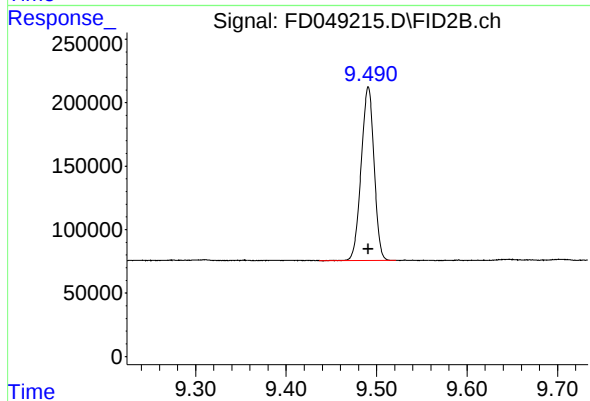
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 838346
Conc: 10.35 ug/ml



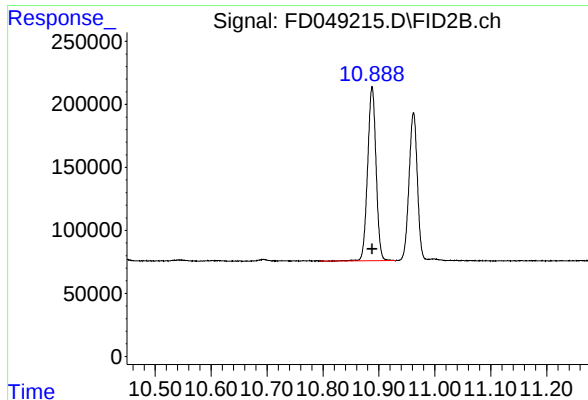
#7 Acenaphthene (C15.5)

R.T.: 8.710 min
Delta R.T.: 0.000 min
Response: 1401668
Conc: 10.48 ug/ml



#8 Flouorene (C16.55)

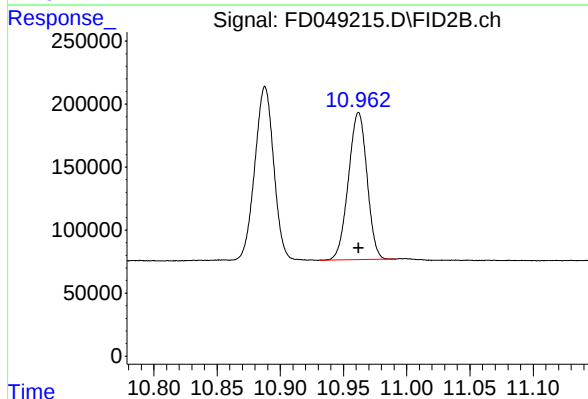
R.T.: 9.491 min
Delta R.T.: 0.000 min
Response: 1352088
Conc: 10.16 ug/ml



#9 Phenanthrene (C19.36)

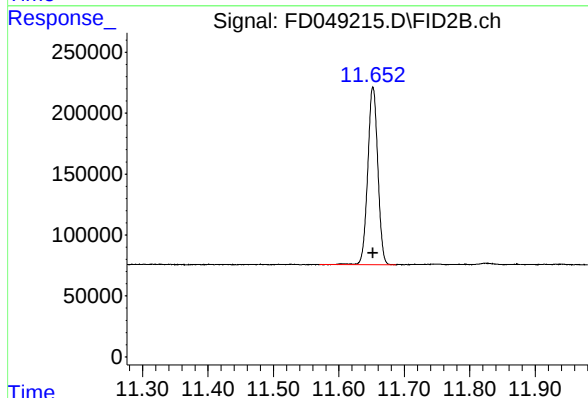
R.T.: 10.888 min
Delta R.T.: 0.000 min
Response: 1442015
Conc: 10.24 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



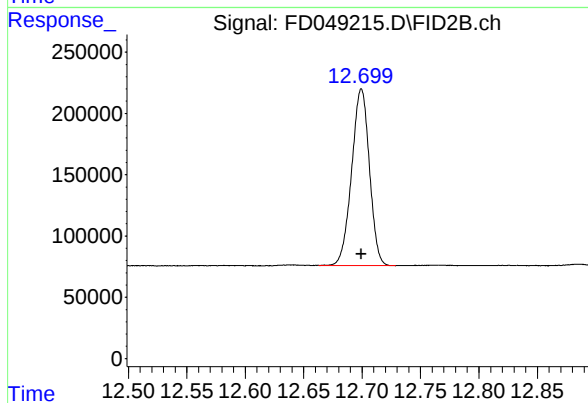
#10 Anthracene (C19.43)

R.T.: 10.962 min
Delta R.T.: 0.000 min
Response: 1196560
Conc: 9.64 ug/ml



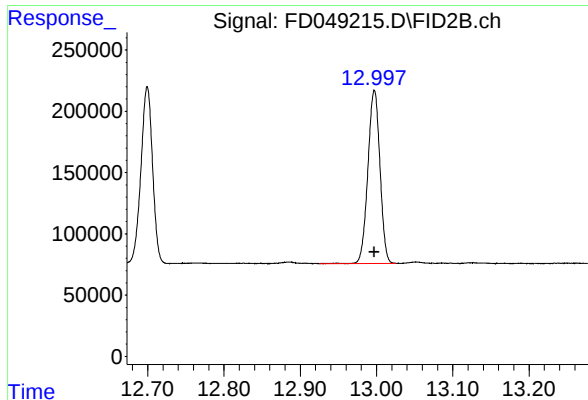
#11 ortho-Terphenyl (SURRE)

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 1556909
Conc: 10.71 ug/ml



#12 Fluoranthene (C21.85)

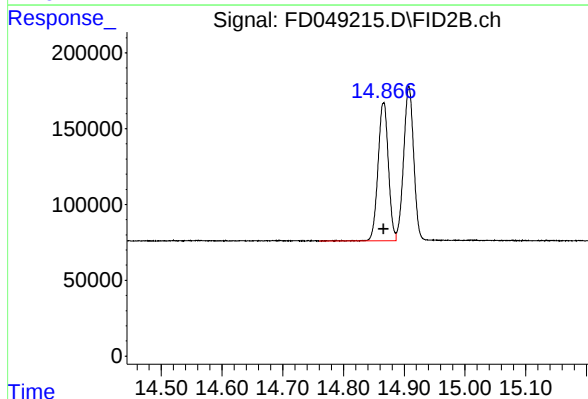
R.T.: 12.699 min
Delta R.T.: 0.000 min
Response: 1527245
Conc: 10.39 ug/ml



#13 Pyrene (C20.8)

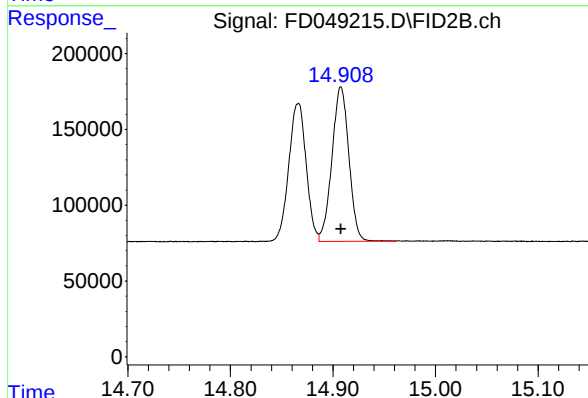
R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 1554037
Conc: 10.48 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



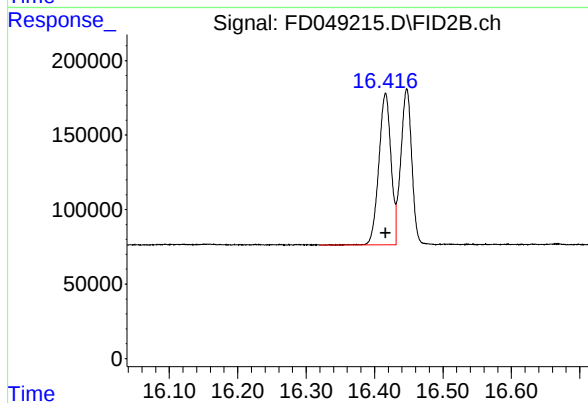
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.866 min
Delta R.T.: 0.000 min
Response: 1074884
Conc: 9.31 ug/ml



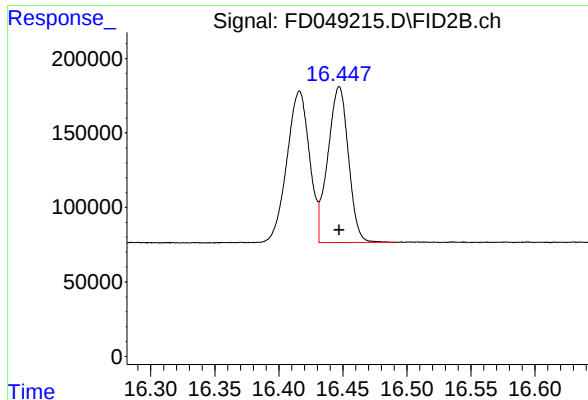
#15 Chrysene (C27.41)

R.T.: 14.908 min
Delta R.T.: 0.000 min
Response: 1170163
Conc: 9.69 ug/ml



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

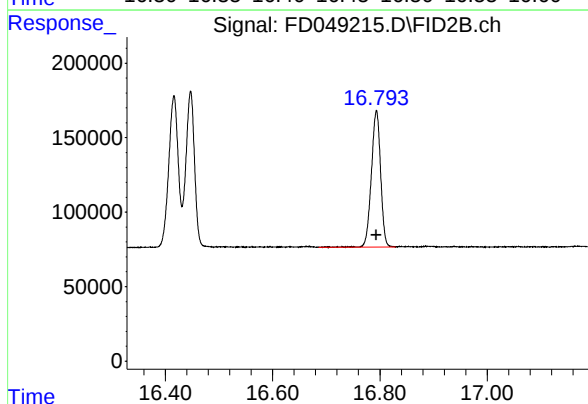
R.T.: 16.416 min
Delta R.T.: 0.000 min
Response: 1246202
Conc: 10.18 ug/ml



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

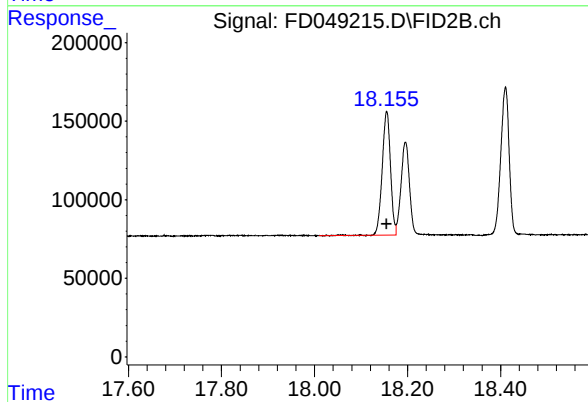
R.T.: 16.447 min
Delta R.T.: 0.000 min
Response: 1165201
Conc: 9.97 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



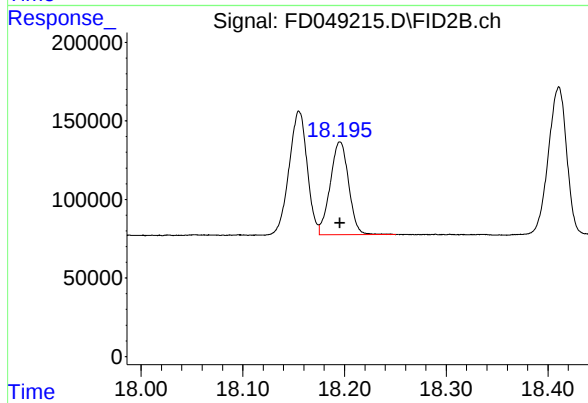
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.794 min
Delta R.T.: 0.000 min
Response: 1093588
Conc: 9.93 ug/ml



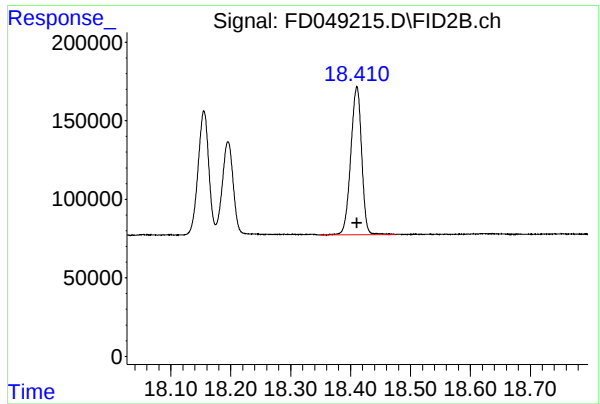
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.155 min
Delta R.T.: 0.000 min
Response: 972258
Conc: 9.82 ug/ml



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

R.T.: 18.196 min
Delta R.T.: 0.000 min
Response: 746425
Conc: 8.87 ug/ml



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

R.T.: 18.411 min

Delta R.T.: 0.000 min

Response: 1189366

Conc: 10.64 ug/ml

Instrument :

FID_D

ClientSampleId :

10 PPM AROMATIC HC STD4