

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD073024AR\
 Data File : FD048071.D
 Signal(s) : FID2B.ch
 Acq On : 30 Jul 2024 17:14
 Operator : YP/AJ
 Sample : PB162355BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB162355BS

Integration File: autoint1.e
 Quant Time: Jul 31 04:52:55 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 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...	7.407	7709672	51.873 ug/ml
Spiked Amount 50.000		Recovery =	103.75%
6) S 2-Fluorobiphenyl (SURR)	8.258	4969856	52.513 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	105.03%
11) S ortho-Terphenyl (SURR)	11.298	8313001	49.684 ug/ml
Spiked Amount 50.000		Recovery =	99.37%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	5130345	30.638 ug/ml
2) T Naphthalene (C11.7)	5.745	6142578	35.544 ug/ml
3) T 2-Methylnaphthalene (...)	6.793	6783409	39.104 ug/ml
5) T Acenaphthylene (C15.06)	8.061	7200429	42.017 ug/ml
7) T Acenaphthene (C15.5)	8.357	7267760	41.895 ug/ml
8) T Fluorene (C16.55)	9.135	7318613	45.060 ug/ml
9) T Phenanthrene (C19.36)	10.524	7375270	46.440 ug/ml
10) T Anthracene (C19.43)	10.600	7466444	47.286 ug/ml
12) T Fluoranthene (C21.85)	12.329	7512270	47.446 ug/ml
13) T Pyrene (C20.8)	12.624	7550468	47.749 ug/ml
14) T Benzo[a]anthracene (C...	14.493	6846356	50.146 ug/ml
15) T Chrysene (C27.41)	14.536	6946562	43.092 ug/ml
16) T benzo[b]fluoranthene ...	16.040	6780245	47.106 ug/ml
17) T Bnezo[k]fluoranthene ...	16.074	6784017	45.421 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.416	6391879	45.129 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.782	6376790	56.539 ug/ml
20) T Dibenz[a,h]anthracene...	17.819	6080577	41.838 ug/ml
21) T Benzo[g,h,i]perylene ...	18.033	6120825	41.534 ug/ml

(f)=RT Delta > 1/2 Window

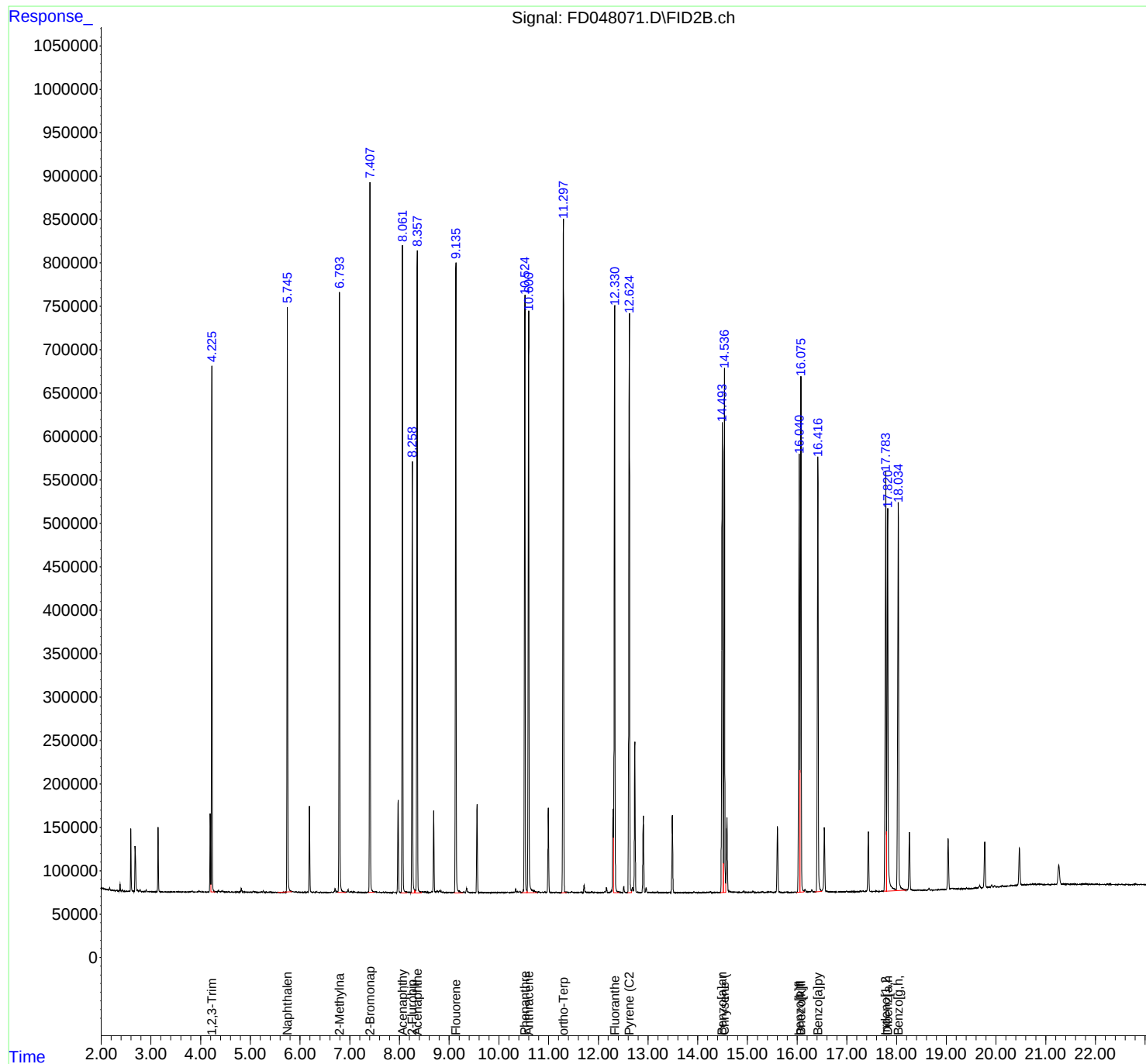
(m)=manual int.

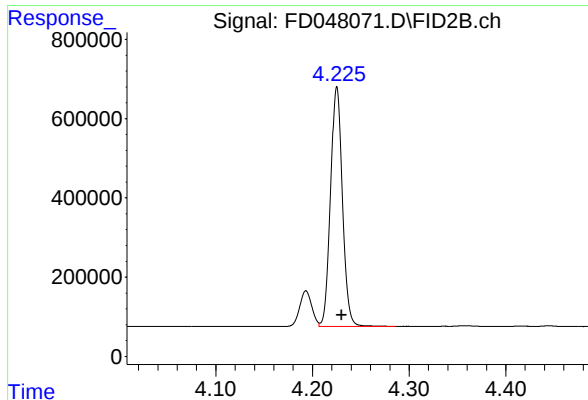
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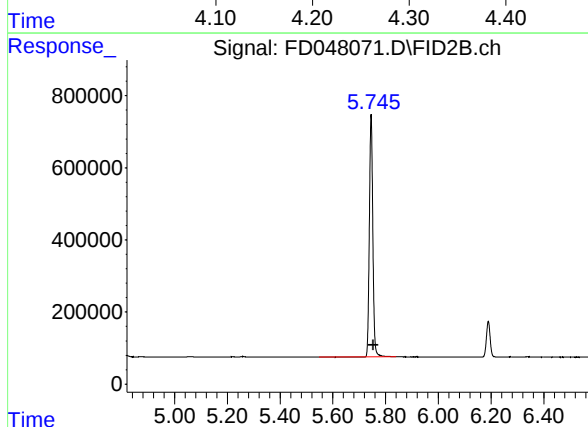




#1 1,2,3-Trimethylbenzene (C10.1)

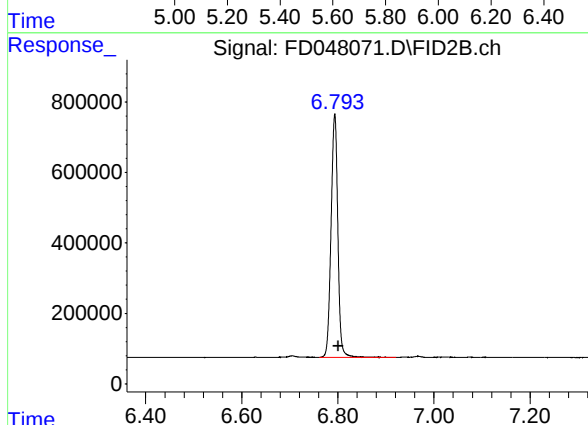
R.T.: 4.225 min
Delta R.T.: -0.005 min
Response: 5130345
Conc: 30.64 ug/ml

Instrument :
FID_D
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PB162355BS



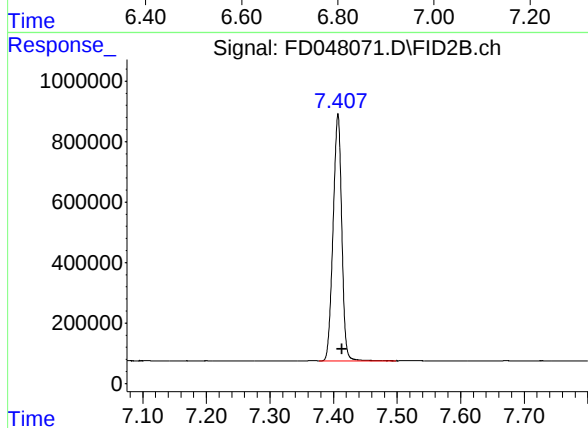
#2 Naphthalene (C11.7)

R.T.: 5.745 min
Delta R.T.: -0.008 min
Response: 6142578
Conc: 35.54 ug/ml



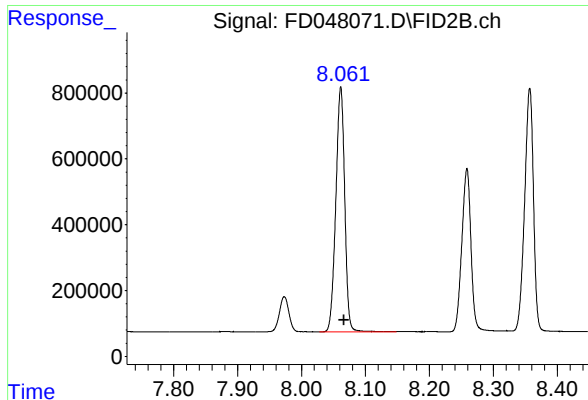
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.793 min
Delta R.T.: -0.007 min
Response: 6783409
Conc: 39.10 ug/ml



#4 2-Bromonaphthalene (SURR)

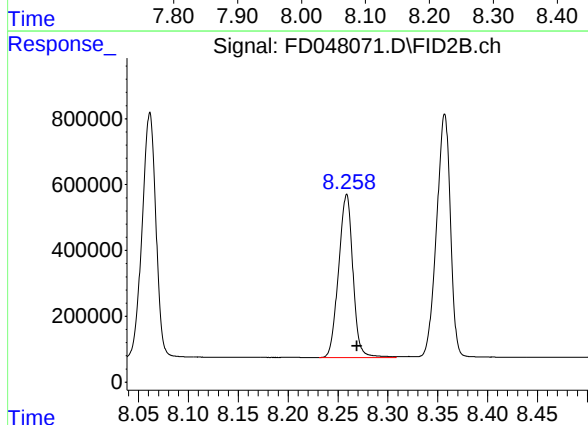
R.T.: 7.407 min
Delta R.T.: -0.007 min
Response: 7709672
Conc: 51.87 ug/ml



#5 Acenaphthylene (C15.06)

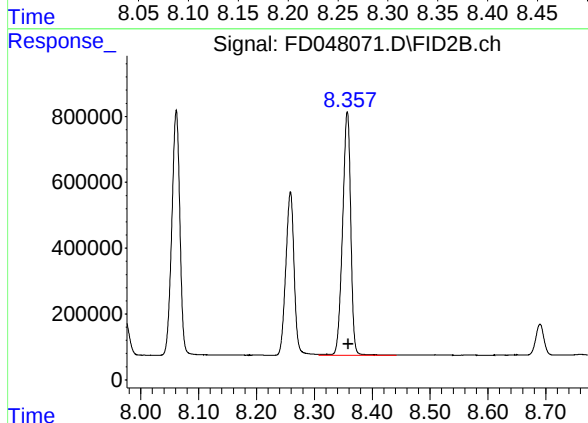
R.T.: 8.061 min
Delta R.T.: -0.005 min
Response: 7200429
Conc: 42.02 ug/ml

Instrument :
FID_D
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PB162355BS



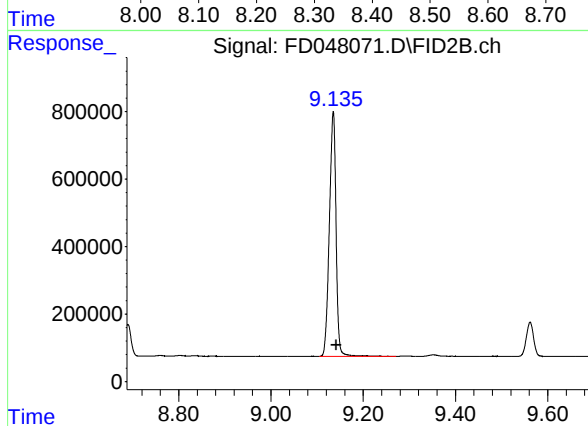
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.258 min
Delta R.T.: -0.011 min
Response: 4969856
Conc: 52.51 ug/ml



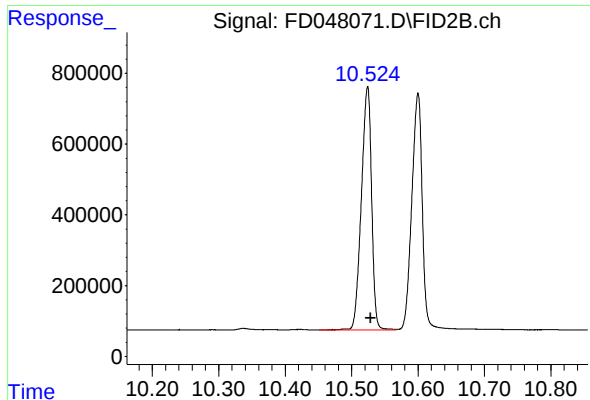
#7 Acenaphthene (C15.5)

R.T.: 8.357 min
Delta R.T.: -0.002 min
Response: 7267760
Conc: 41.89 ug/ml



#8 Flouorene (C16.55)

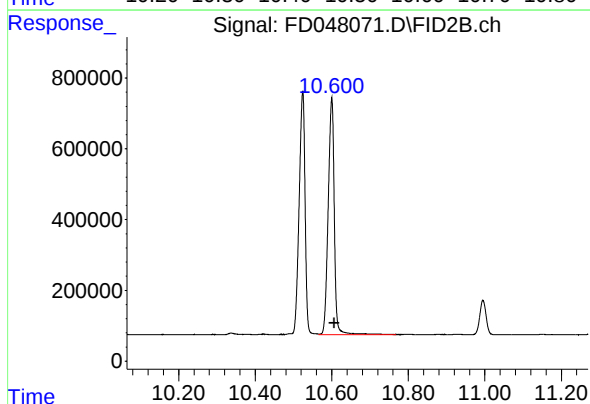
R.T.: 9.135 min
Delta R.T.: -0.007 min
Response: 7318613
Conc: 45.06 ug/ml



#9 Phenanthrene (C19.36)

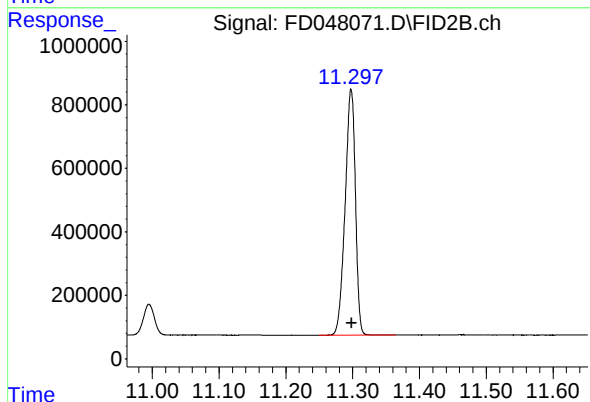
R.T.: 10.524 min
Delta R.T.: -0.005 min
Response: 7375270
Conc: 46.44 ug/ml

Instrument :
FID_D
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PB162355BS



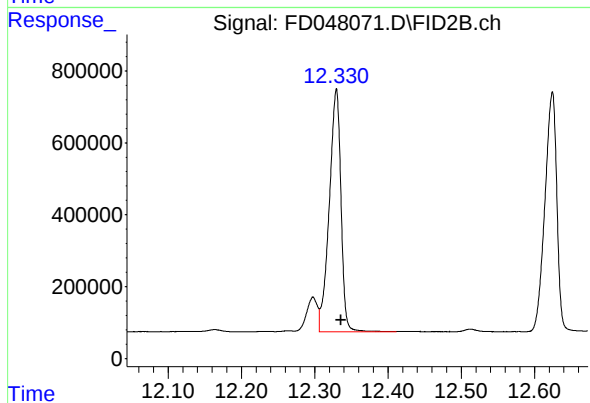
#10 Anthracene (C19.43)

R.T.: 10.600 min
Delta R.T.: -0.008 min
Response: 7466444
Conc: 47.29 ug/ml



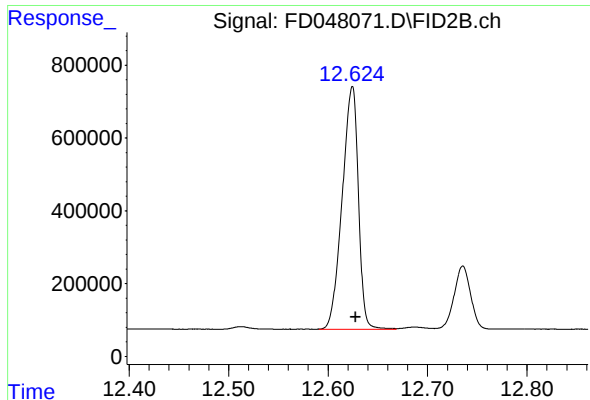
#11 ortho-Terphenyl (SURR)

R.T.: 11.298 min
Delta R.T.: 0.000 min
Response: 8313001
Conc: 49.68 ug/ml



#12 Fluoranthene (C21.85)

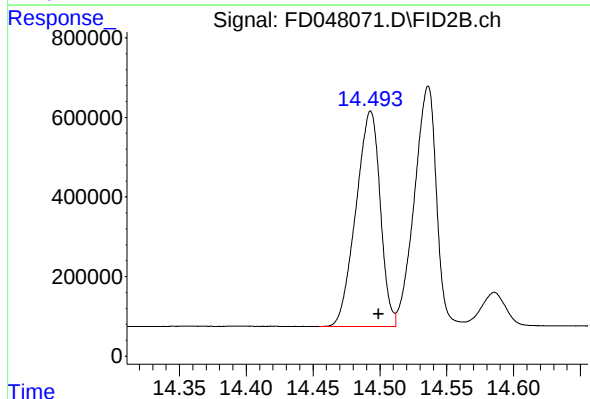
R.T.: 12.329 min
Delta R.T.: -0.007 min
Response: 7512270
Conc: 47.45 ug/ml



#13 Pyrene (C20.8)

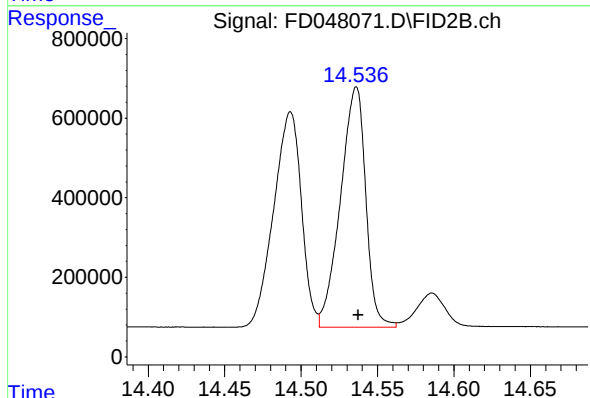
R.T.: 12.624 min
Delta R.T.: -0.004 min
Response: 7550468
Conc: 47.75 ug/ml

Instrument :
FID_D
ClientSampleId :
PB162355BS



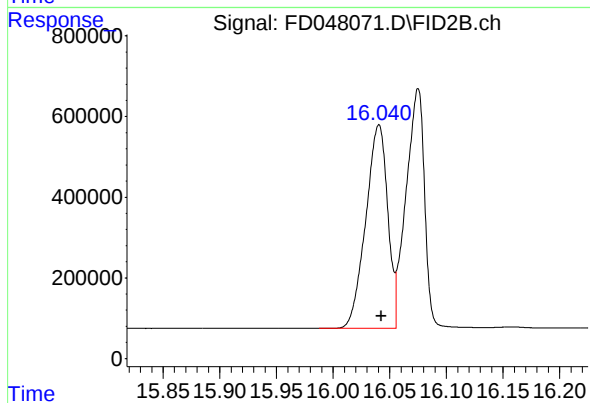
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.493 min
Delta R.T.: -0.006 min
Response: 6846356
Conc: 50.15 ug/ml



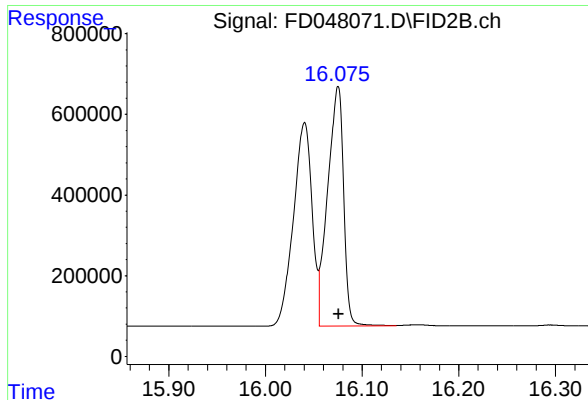
#15 Chrysene (C27.41)

R.T.: 14.536 min
Delta R.T.: -0.002 min
Response: 6946562
Conc: 43.09 ug/ml



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

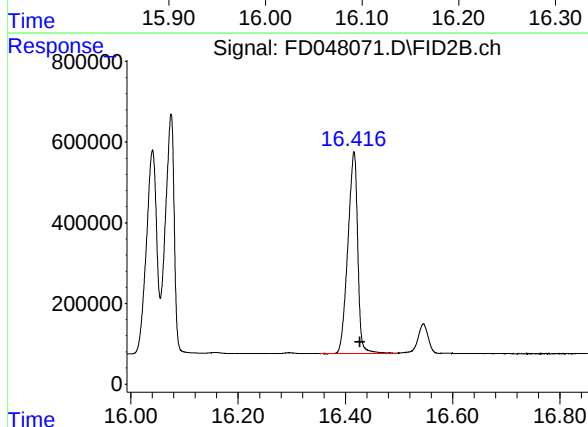
R.T.: 16.040 min
Delta R.T.: -0.002 min
Response: 6780245
Conc: 47.11 ug/ml



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

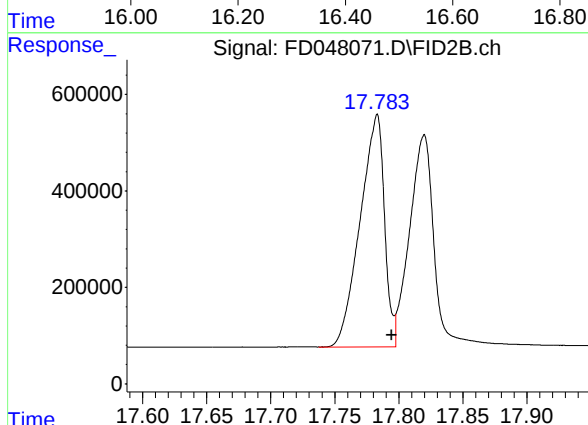
R.T.: 16.074 min
Delta R.T.: -0.002 min
Response: 6784017
Conc: 45.42 ug/ml

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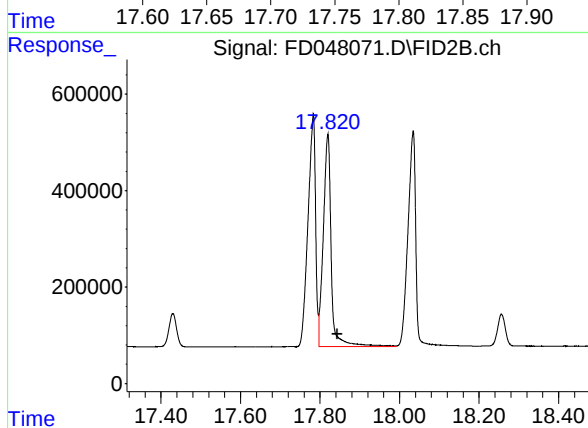
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.416 min
Delta R.T.: -0.012 min
Response: 6391879
Conc: 45.13 ug/ml



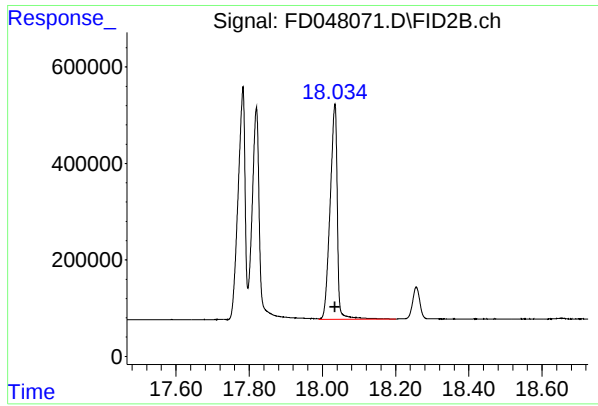
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.782 min
Delta R.T.: -0.013 min
Response: 6376790
Conc: 56.54 ug/ml



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

R.T.: 17.819 min
Delta R.T.: -0.025 min
Response: 6080577
Conc: 41.84 ug/ml



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

R.T.: 18.033 min

Delta R.T.: -0.001 min

Response: 6120825

Conc: 41.53 ug/ml

Instrument :

FID_D

ClientSampleId :

PB162355BS