

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046081.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2023 09:19
 Operator : YP/AJ
 Sample : PB154081BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB154081BS

Integration File: autoint1.e
 Quant Time: Jul 12 05:37:09 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 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...	7.514	8184555	37.980 ug/ml
Spiked Amount 50.000		Recovery =	75.96%
6) S 2-Fluorobiphenyl (SURR)	8.367	3756832	27.144 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	54.29%
11) S ortho-Terphenyl (SURR)	11.410	10639300	41.966 ug/ml
Spiked Amount 50.000		Recovery =	83.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.323	6570473	26.376 ug/ml
2) T Naphthalene (C11.7)	5.852	7603375	29.803 ug/ml
3) T 2-Methylnaphthalene (...)	6.901	7756881	30.770 ug/ml
5) T Acenaphthylene (C15.06)	8.173	8618832	39.682 ug/ml
7) T Acenaphthene (C15.5)	8.469	8753034	37.133 ug/ml
8) T Flouorene (C16.55)	9.248	8537866	37.735 ug/ml
9) T Phenanthrene (C19.36)	10.638	8190683	38.386 ug/ml
10) T Anthracene (C19.43)	10.713	7845713	49.377 ug/ml
12) T Fluoranthene (C21.85)	12.443	7952840	38.860 ug/ml
13) T Pyrene (C20.8)	12.738	7948079	40.878 ug/ml
14) T Benzo[a]anthracene (C...	14.603	7512079	41.770 ug/ml
15) T Chrysene (C27.41)	14.647	7461407	38.015 ug/ml
16) T benzo[b]fluoranthene ...	16.147	7791815	41.544 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	7558026	38.209 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.523	6925834	39.751 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	7012705	37.681 ug/ml
20) T Dibenz[a,h]anthracene...	17.922	6871533	37.375 ug/ml
21) T Benzo[g,h,i]perylene ...	18.138	7329331	39.225 ug/ml

(f)=RT Delta > 1/2 Window

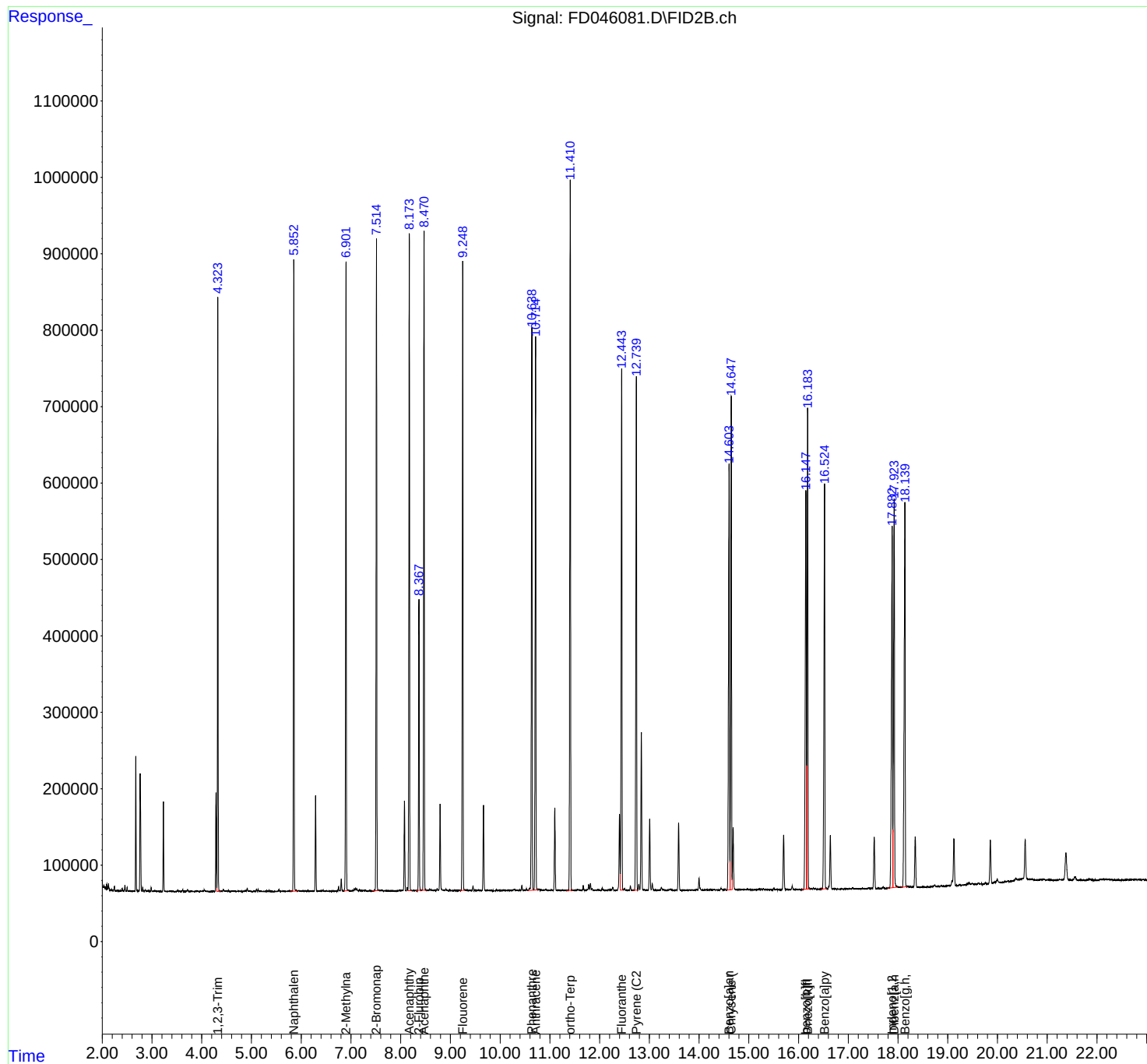
(m)=manual int.

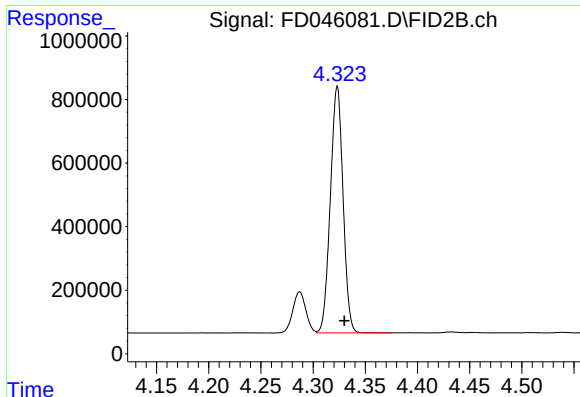
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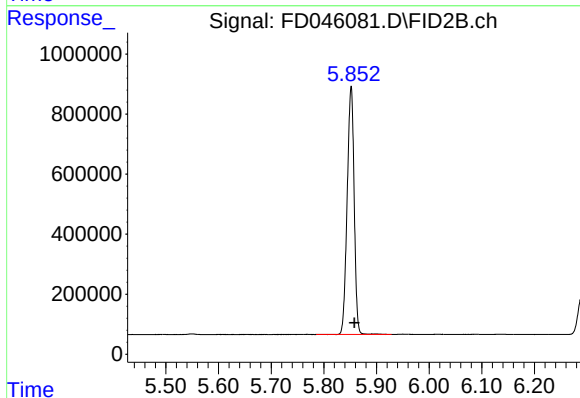




#1 1,2,3-Trimethylbenzene (C10.1)

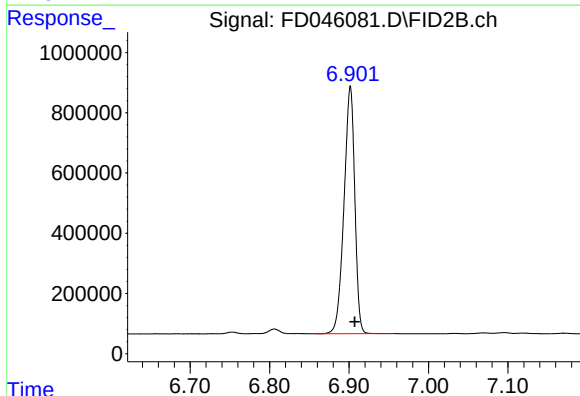
R.T.: 4.323 min
Delta R.T.: -0.007 min
Response: 6570473
Conc: 26.38 ug/ml

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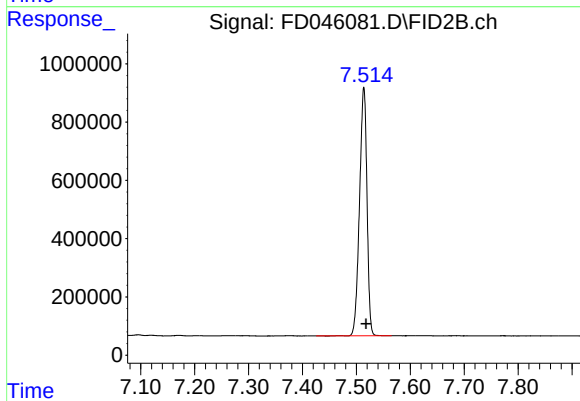
#2 Naphthalene (C11.7)

R.T.: 5.852 min
Delta R.T.: -0.007 min
Response: 7603375
Conc: 29.80 ug/ml



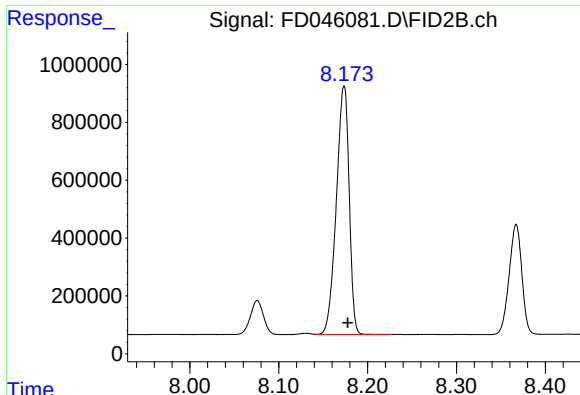
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.901 min
Delta R.T.: -0.006 min
Response: 7756881
Conc: 30.77 ug/ml



#4 2-Bromonaphthalene (SURR)

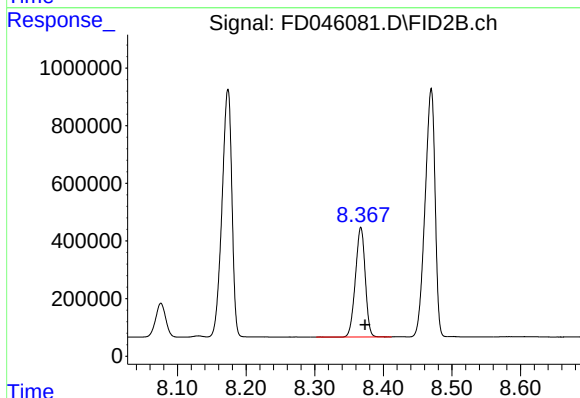
R.T.: 7.514 min
Delta R.T.: -0.005 min
Response: 8184555
Conc: 37.98 ug/ml



#5 Acenaphthylene (C15.06)

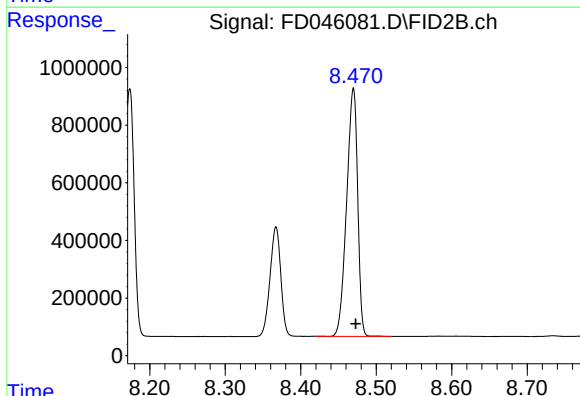
R.T.: 8.173 min
Delta R.T.: -0.004 min
Response: 8618832
Conc: 39.68 ug/ml

Instrument :
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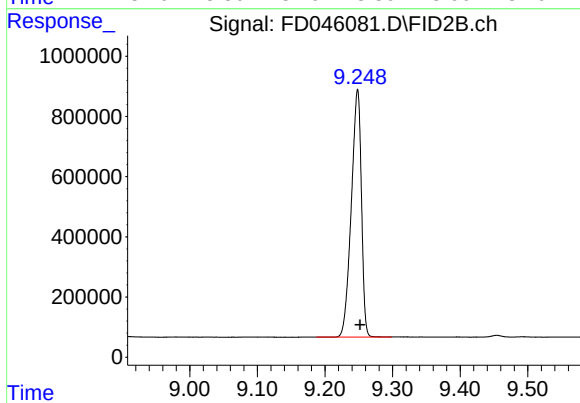
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.367 min
Delta R.T.: -0.006 min
Response: 3756832
Conc: 27.14 ug/ml



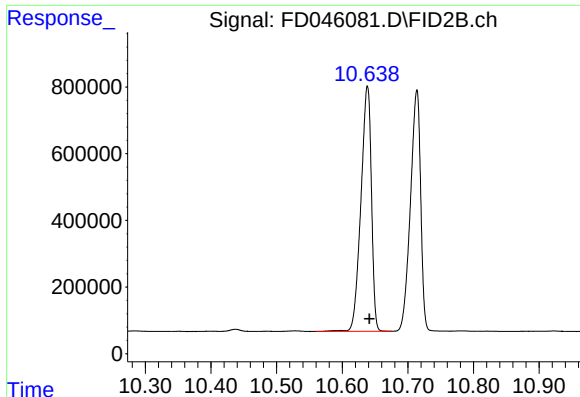
#7 Acenaphthene (C15.5)

R.T.: 8.469 min
Delta R.T.: -0.004 min
Response: 8753034
Conc: 37.13 ug/ml



#8 Flouorene (C16.55)

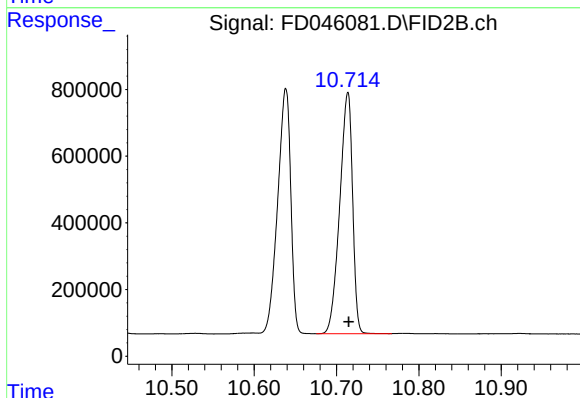
R.T.: 9.248 min
Delta R.T.: -0.004 min
Response: 8537866
Conc: 37.74 ug/ml



#9 Phenanthrene (C19.36)

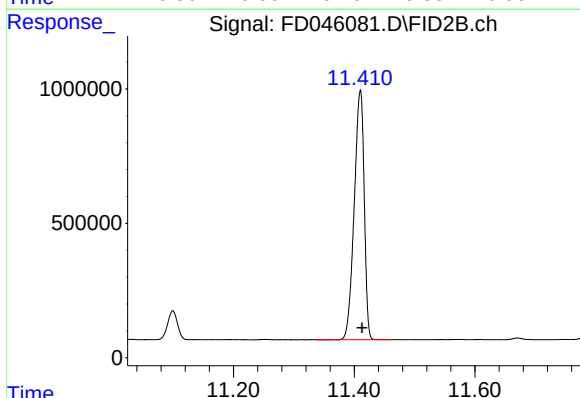
R.T.: 10.638 min
Delta R.T.: -0.003 min
Response: 8190683
Conc: 38.39 ug/ml

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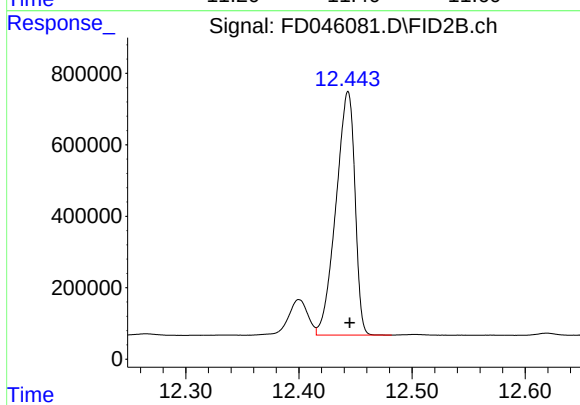
#10 Anthracene (C19.43)

R.T.: 10.713 min
Delta R.T.: -0.002 min
Response: 7845713
Conc: 49.38 ug/ml



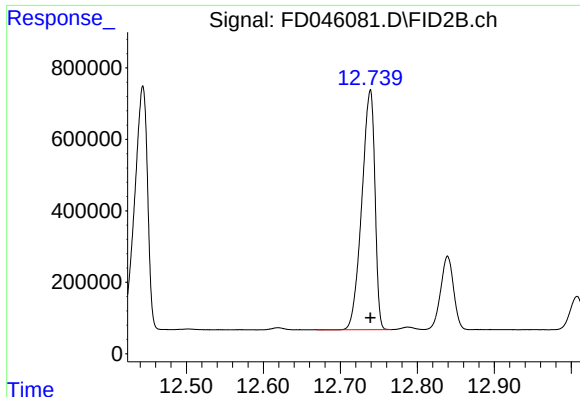
#11 ortho-Terphenyl (SURR)

R.T.: 11.410 min
Delta R.T.: -0.003 min
Response: 10639300
Conc: 41.97 ug/ml



#12 Fluoranthene (C21.85)

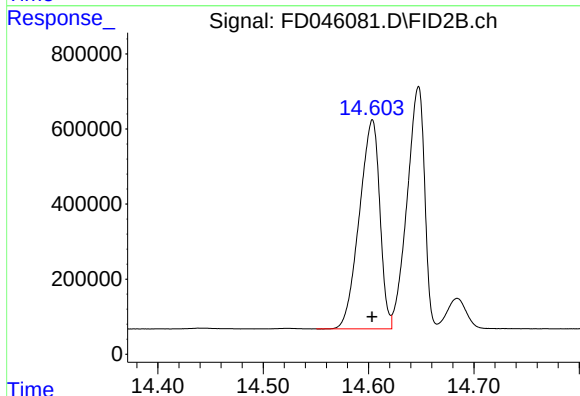
R.T.: 12.443 min
Delta R.T.: -0.002 min
Response: 7952840
Conc: 38.86 ug/ml



#13 Pyrene (C20.8)

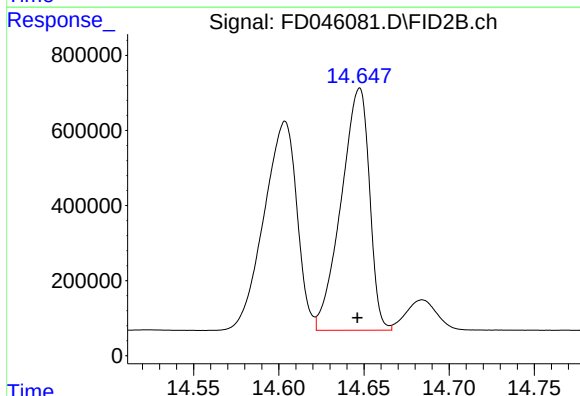
R.T.: 12.738 min
Delta R.T.: 0.000 min
Response: 7948079
Conc: 40.88 ug/ml

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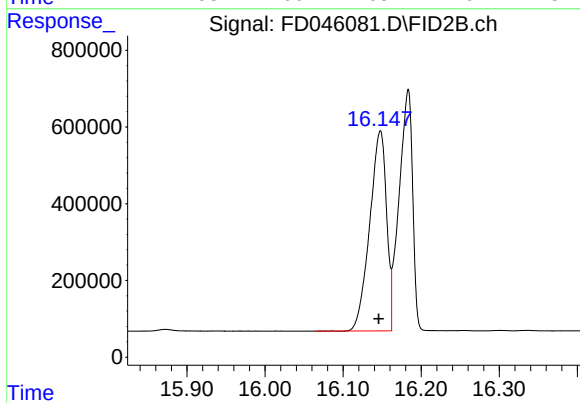
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.603 min
Delta R.T.: 0.000 min
Response: 7512079
Conc: 41.77 ug/ml



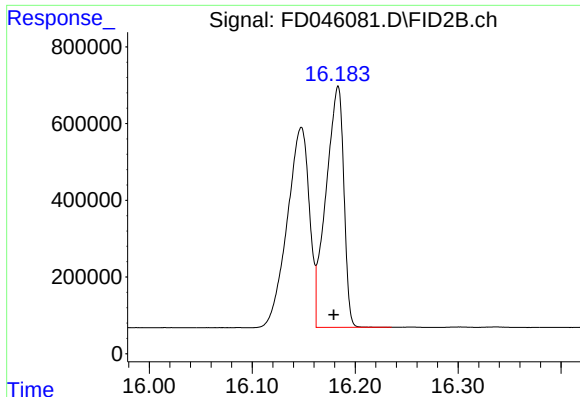
#15 Chrysene (C27.41)

R.T.: 14.647 min
Delta R.T.: 0.000 min
Response: 7461407
Conc: 38.02 ug/ml



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

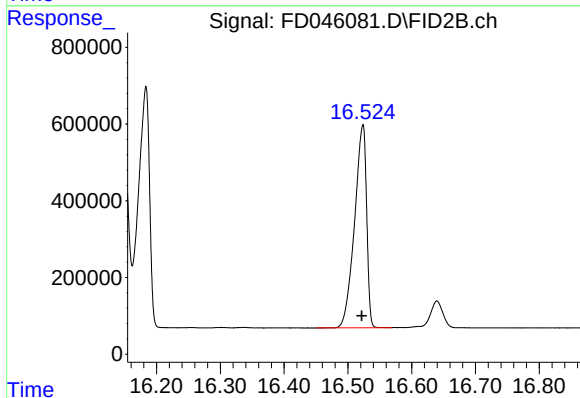
R.T.: 16.147 min
Delta R.T.: 0.002 min
Response: 7791815
Conc: 41.54 ug/ml



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

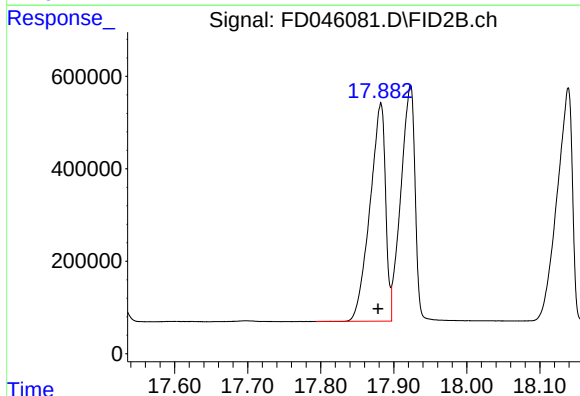
R.T.: 16.183 min
Delta R.T.: 0.003 min
Response: 7558026
Conc: 38.21 ug/ml

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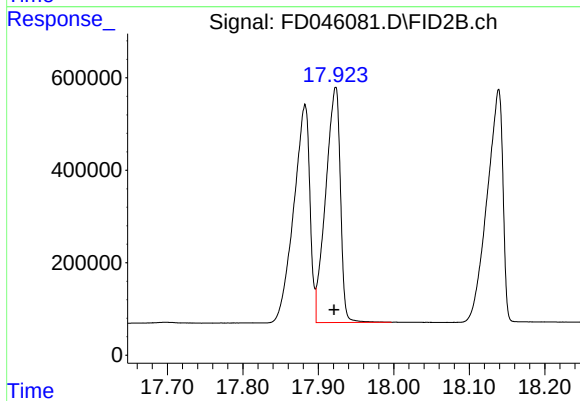
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.523 min
Delta R.T.: 0.000 min
Response: 6925834
Conc: 39.75 ug/ml



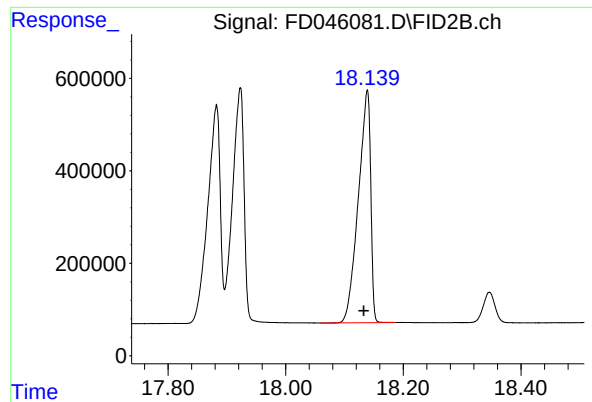
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: 0.003 min
Response: 7012705
Conc: 37.68 ug/ml



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

R.T.: 17.922 min
Delta R.T.: 0.000 min
Response: 6871533
Conc: 37.38 ug/ml



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

R.T.: 18.138 min
Delta R.T.: 0.005 min
Response: 7329331
Conc: 39.23 ug/ml

Instrument :

FID_D

ClientSampleId :

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