

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071123AR\
 Data File : FD046079.D
 Signal(s) : FID2B.ch
 Acq On : 11 Jul 2023 07:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 12 05:36:50 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...	7.512	4272290	19.825 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
6) S 2-Fluorobiphenyl (SURR)	8.367	2668627	19.282 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.56%
11) S ortho-Terphenyl (SURR)	11.406	4927725	19.437 ug/ml
Spiked Amount 50.000		Recovery =	38.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.323	5160196	20.715 ug/ml
2) T Naphthalene (C11.7)	5.852	5148673	20.181 ug/ml
3) T 2-Methylnaphthalene (...)	6.901	5024584	19.931 ug/ml
5) T Acenaphthylene (C15.06)	8.171	4341997	19.991 ug/ml
7) T Acenaphthene (C15.5)	8.467	4644572	19.704 ug/ml
8) T Flouorene (C16.55)	9.245	4331984	19.146 ug/ml
9) T Phenanthrene (C19.36)	10.635	4020702	18.843 ug/ml
10) T Anthracene (C19.43)	10.708	3582548	22.547 ug/ml
12) T Fluoranthene (C21.85)	12.438	3832283	18.726 ug/ml
13) T Pyrene (C20.8)	12.732	3763741	19.357 ug/ml
14) T Benzo[a]anthracene (C...	14.597	3457404	19.224 ug/ml
15) T Chrysene (C27.41)	14.639	3654255	18.618 ug/ml
16) T benzo[b]fluoranthene ...	16.140	3768865	20.095 ug/ml
17) T Bnezo[k]fluoranthene ...	16.172	3651143	18.458 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	3575375	20.521 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.870	3360097	18.055 ug/ml
20) T Dibenz[a,h]anthracene...	17.912	3163924	17.209 ug/ml
21) T Benzo[g,h,i]perylene ...	18.125	3567805	19.094 ug/ml

(f)=RT Delta > 1/2 Window

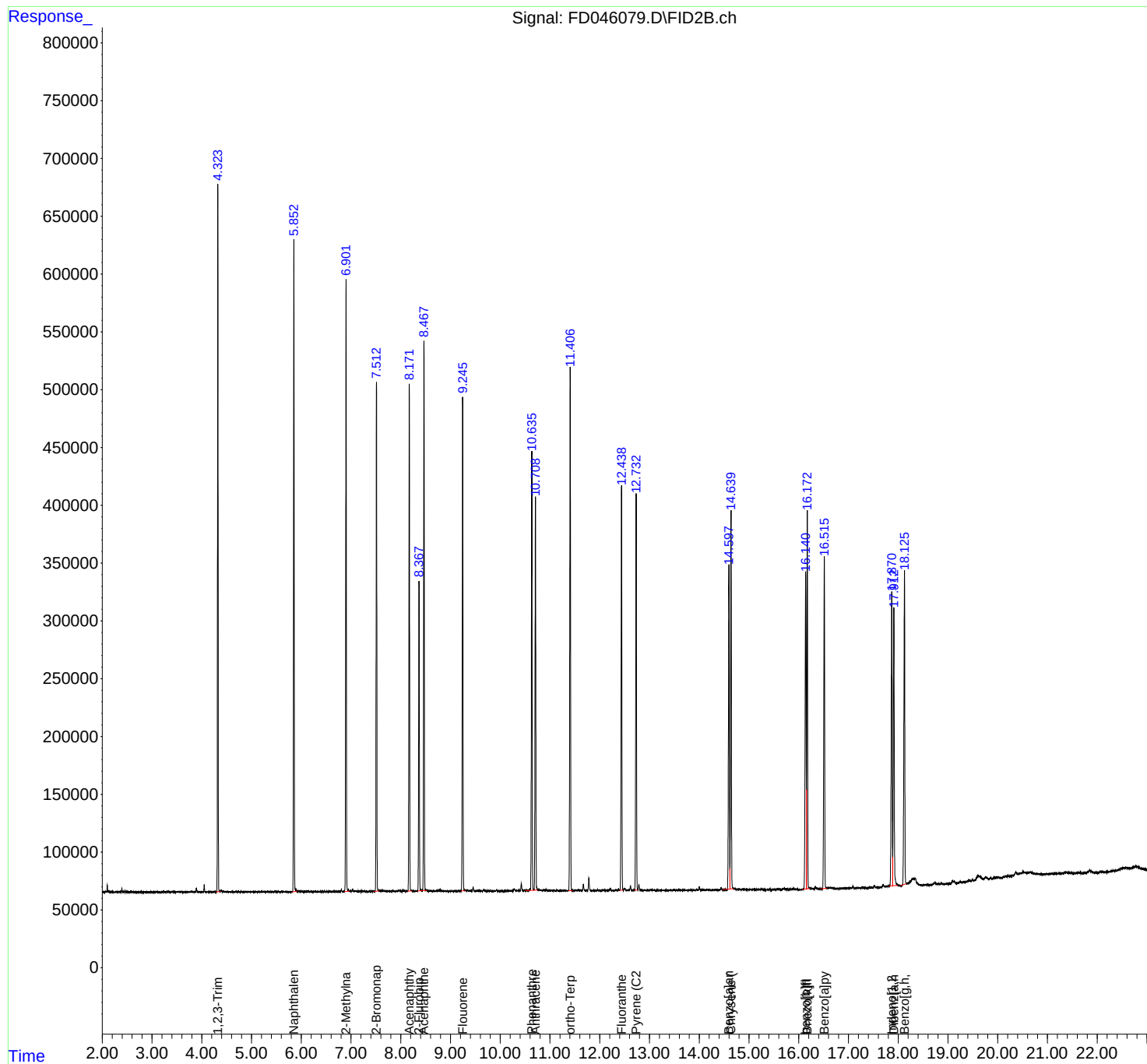
(m)=manual int.

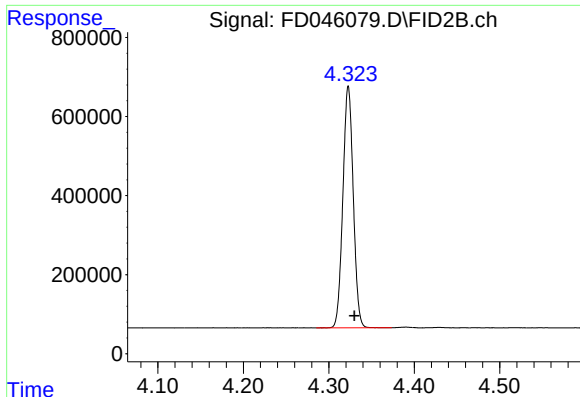
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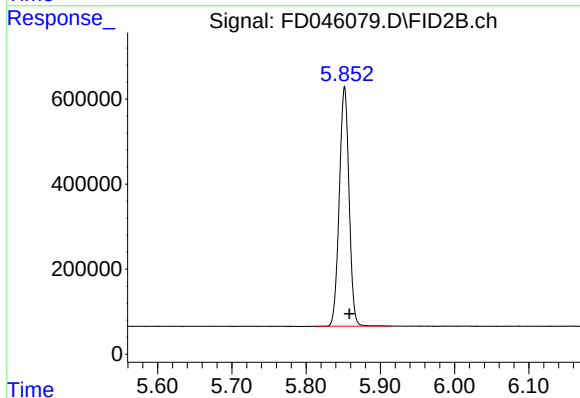




#1 1,2,3-Trimethylbenzene (C10.1)

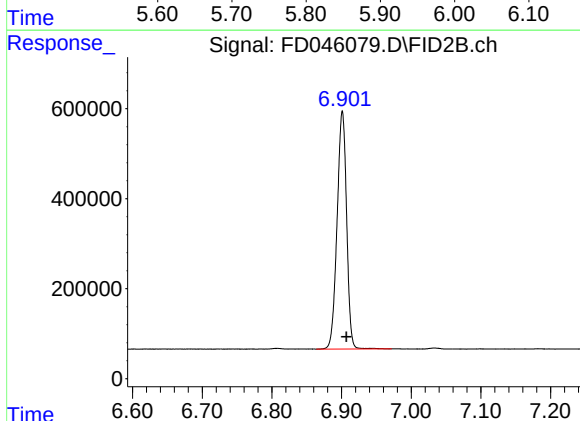
R.T.: 4.323 min
Delta R.T.: -0.007 min
Response: 5160196
Conc: 20.71 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



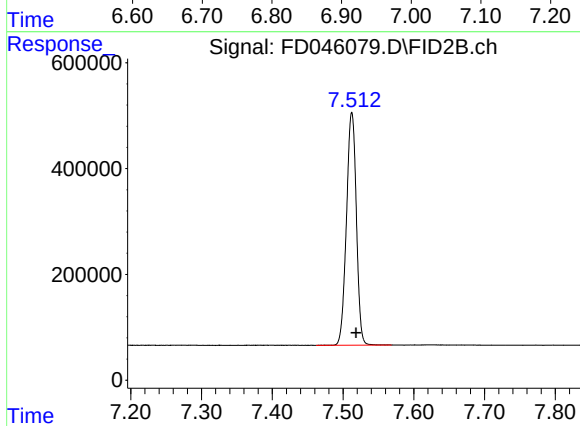
#2 Naphthalene (C11.7)

R.T.: 5.852 min
Delta R.T.: -0.007 min
Response: 5148673
Conc: 20.18 ug/ml



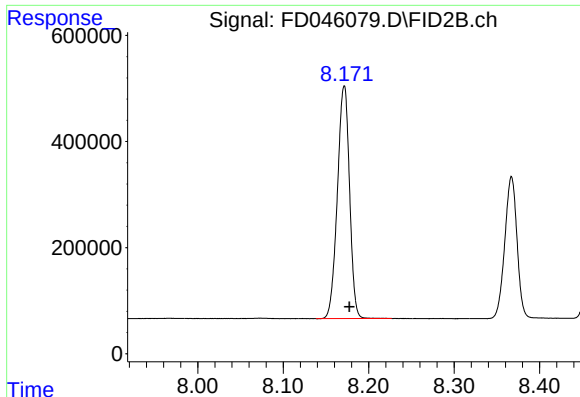
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.901 min
Delta R.T.: -0.006 min
Response: 5024584
Conc: 19.93 ug/ml



#4 2-Bromonaphthalene (SURR)

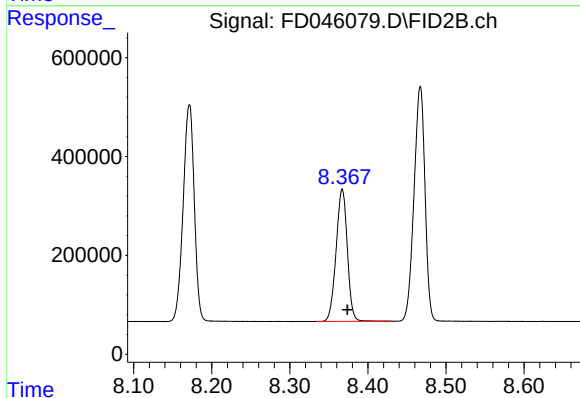
R.T.: 7.512 min
Delta R.T.: -0.006 min
Response: 4272290
Conc: 19.83 ug/ml



#5 Acenaphthylene (C15.06)

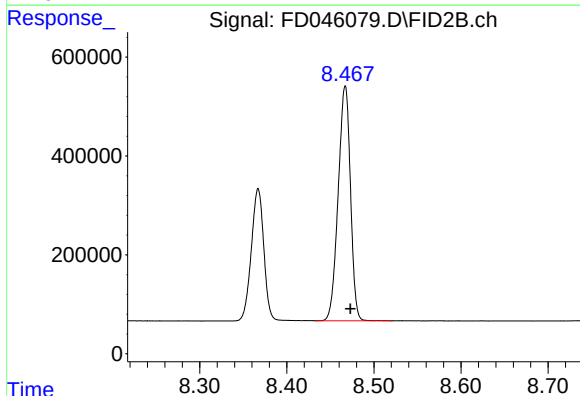
R.T.: 8.171 min
Delta R.T.: -0.006 min
Response: 4341997
Conc: 19.99 ug/ml

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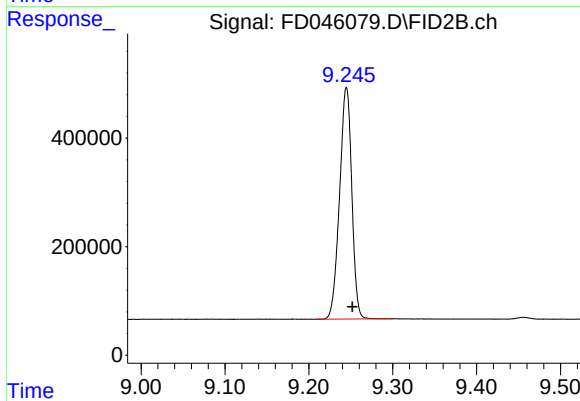
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.367 min
Delta R.T.: -0.006 min
Response: 2668627
Conc: 19.28 ug/ml



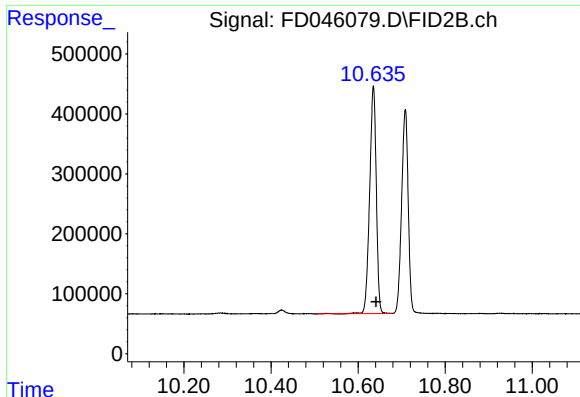
#7 Acenaphthene (C15.5)

R.T.: 8.467 min
Delta R.T.: -0.006 min
Response: 4644572
Conc: 19.70 ug/ml



#8 Flouorene (C16.55)

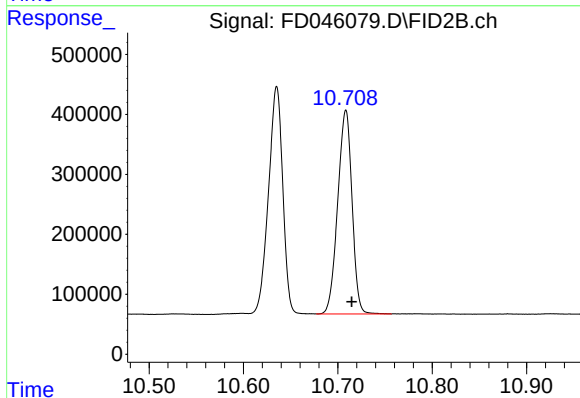
R.T.: 9.245 min
Delta R.T.: -0.007 min
Response: 4331984
Conc: 19.15 ug/ml



#9 Phenanthrene (C19.36)

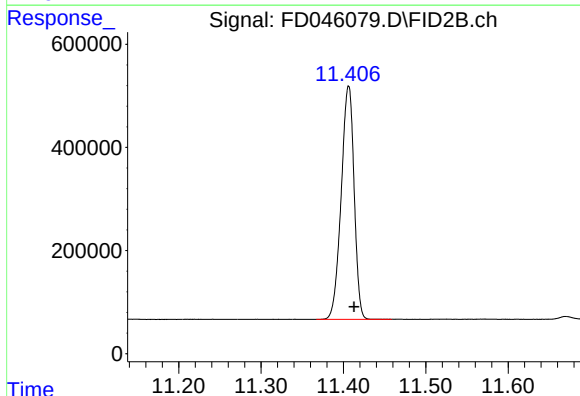
R.T.: 10.635 min
Delta R.T.: -0.006 min
Response: 4020702
Conc: 18.84 ug/ml

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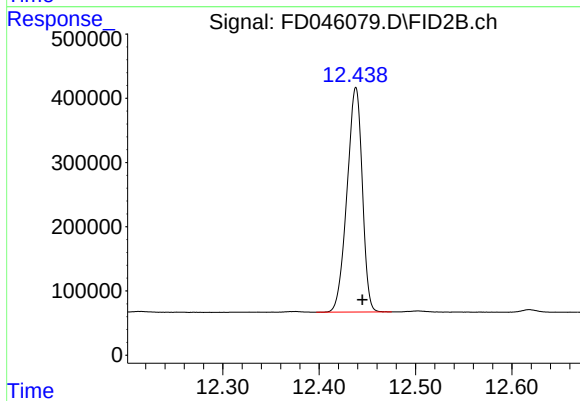
#10 Anthracene (C19.43)

R.T.: 10.708 min
Delta R.T.: -0.007 min
Response: 3582548
Conc: 22.55 ug/ml



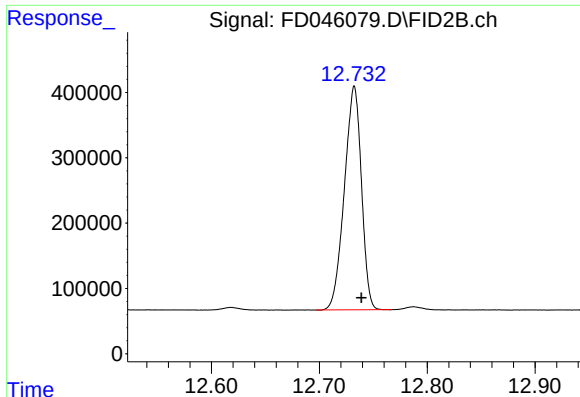
#11 ortho-Terphenyl (SURR)

R.T.: 11.406 min
Delta R.T.: -0.007 min
Response: 4927725
Conc: 19.44 ug/ml



#12 Fluoranthene (C21.85)

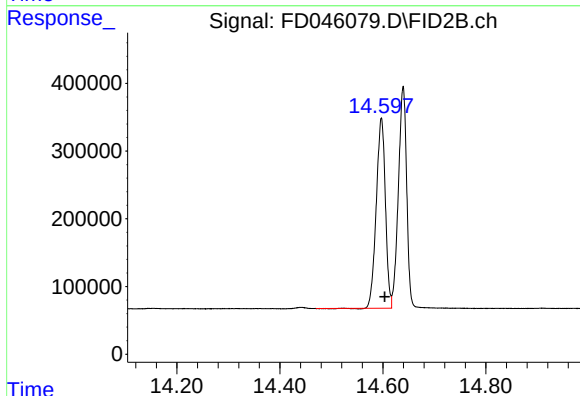
R.T.: 12.438 min
Delta R.T.: -0.007 min
Response: 3832283
Conc: 18.73 ug/ml



#13 Pyrene (C20.8)

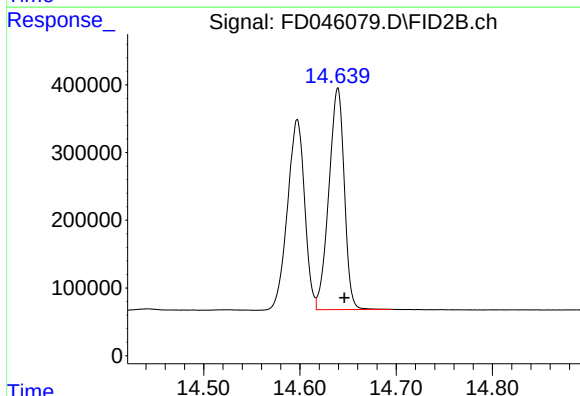
R.T.: 12.732 min
Delta R.T.: -0.007 min
Response: 3763741
Conc: 19.36 ug/ml

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20 PPM AROMATIC HC STD



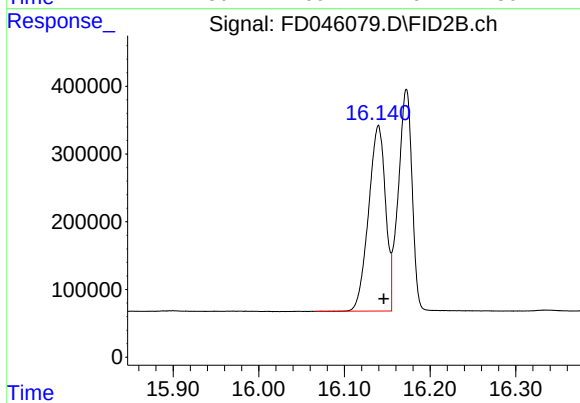
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.597 min
Delta R.T.: -0.006 min
Response: 3457404
Conc: 19.22 ug/ml



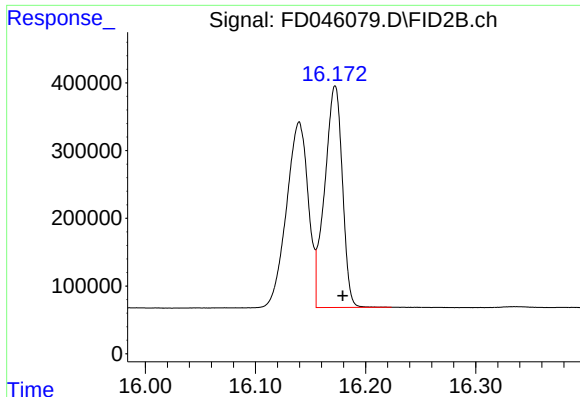
#15 Chrysene (C27.41)

R.T.: 14.639 min
Delta R.T.: -0.007 min
Response: 3654255
Conc: 18.62 ug/ml



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

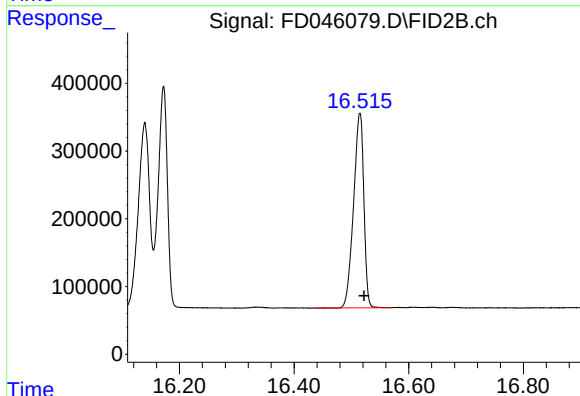
R.T.: 16.140 min
Delta R.T.: -0.006 min
Response: 3768865
Conc: 20.09 ug/ml



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

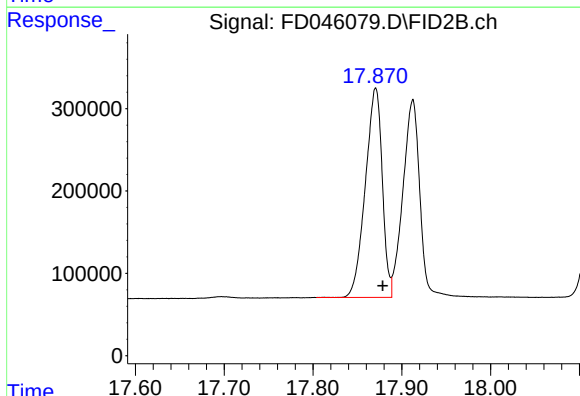
R.T.: 16.172 min
Delta R.T.: -0.007 min
Response: 3651143
Conc: 18.46 ug/ml

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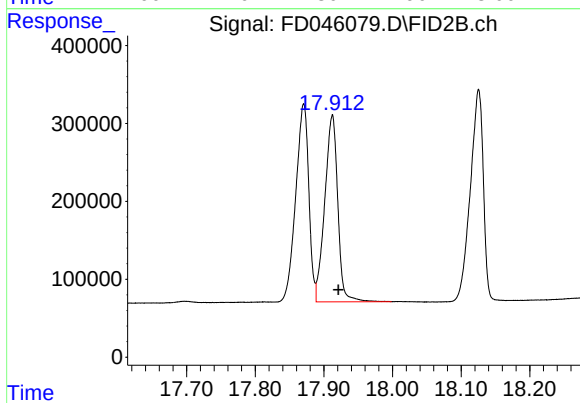
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.515 min
Delta R.T.: -0.008 min
Response: 3575375
Conc: 20.52 ug/ml



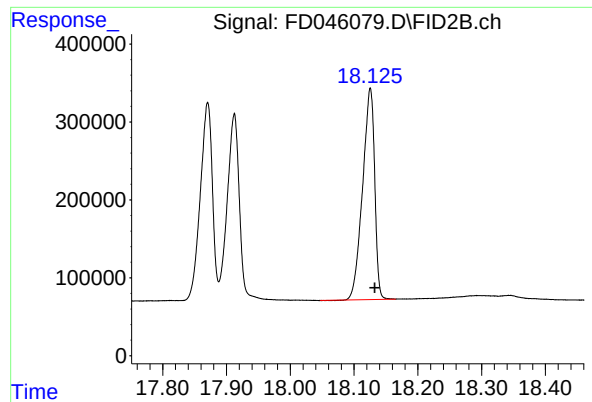
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.870 min
Delta R.T.: -0.008 min
Response: 3360097
Conc: 18.05 ug/ml



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

R.T.: 17.912 min
Delta R.T.: -0.009 min
Response: 3163924
Conc: 17.21 ug/ml



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

R.T.: 18.125 min
Delta R.T.: -0.007 min
Response: 3567805
Conc: 19.09 ug/ml

Instrument :

FID_D

ClientSampleId :

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