

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092424AR\
 Data File : FD048381.D
 Signal(s) : FID2B.ch
 Acq On : 24 Sep 2024 09:15
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Sep 25 02:46:21 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 090624.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 06 11:53:01 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...	7.383	2951629	19.462 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
6) S 2-Fluorobiphenyl (SURR)	8.234	1879314	19.669 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.34%
11) S ortho-Terphenyl (SURR)	11.269	3391405	19.767 ug/ml
Spiked Amount 50.000		Recovery =	39.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.205	3343047	18.951 ug/ml
2) T Naphthalene (C11.7)	5.724	3438437	19.014 ug/ml
3) T 2-Methylnaphthalene (...)	6.771	3426175	19.150 ug/ml
5) T Acenaphthylene (C15.06)	8.036	3364678	19.258 ug/ml
7) T Acenaphthene (C15.5)	8.330	3431434	19.294 ug/ml
8) T Flouorene (C16.55)	9.109	3269271	19.524 ug/ml
9) T Phenanthrene (C19.36)	10.496	3218232	19.934 ug/ml
10) T Anthracene (C19.43)	10.571	2777883	17.457 ug/ml
12) T Fluoranthene (C21.85)	12.300	3220666	19.867 ug/ml
13) T Pyrene (C20.8)	12.593	3234833	20.175 ug/ml
14) T Benzo[a]anthracene (C...	14.461	2804387	20.020 ug/ml
15) T Chrysene (C27.41)	14.503	3210403	19.490 ug/ml
16) T benzo[b]fluoranthene ...	16.007	3022468	20.343 ug/ml
17) T Bnezo[k]fluoranthene ...	16.038	2979710	19.347 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.382	2898278	19.589 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	2139878	18.938 ug/ml
20) T Dibenz[a,h]anthracene...	17.785	2956350	19.372 ug/ml
21) T Benzo[g,h,i]perylene ...	17.995	2863362	19.425 ug/ml

(f)=RT Delta > 1/2 Window

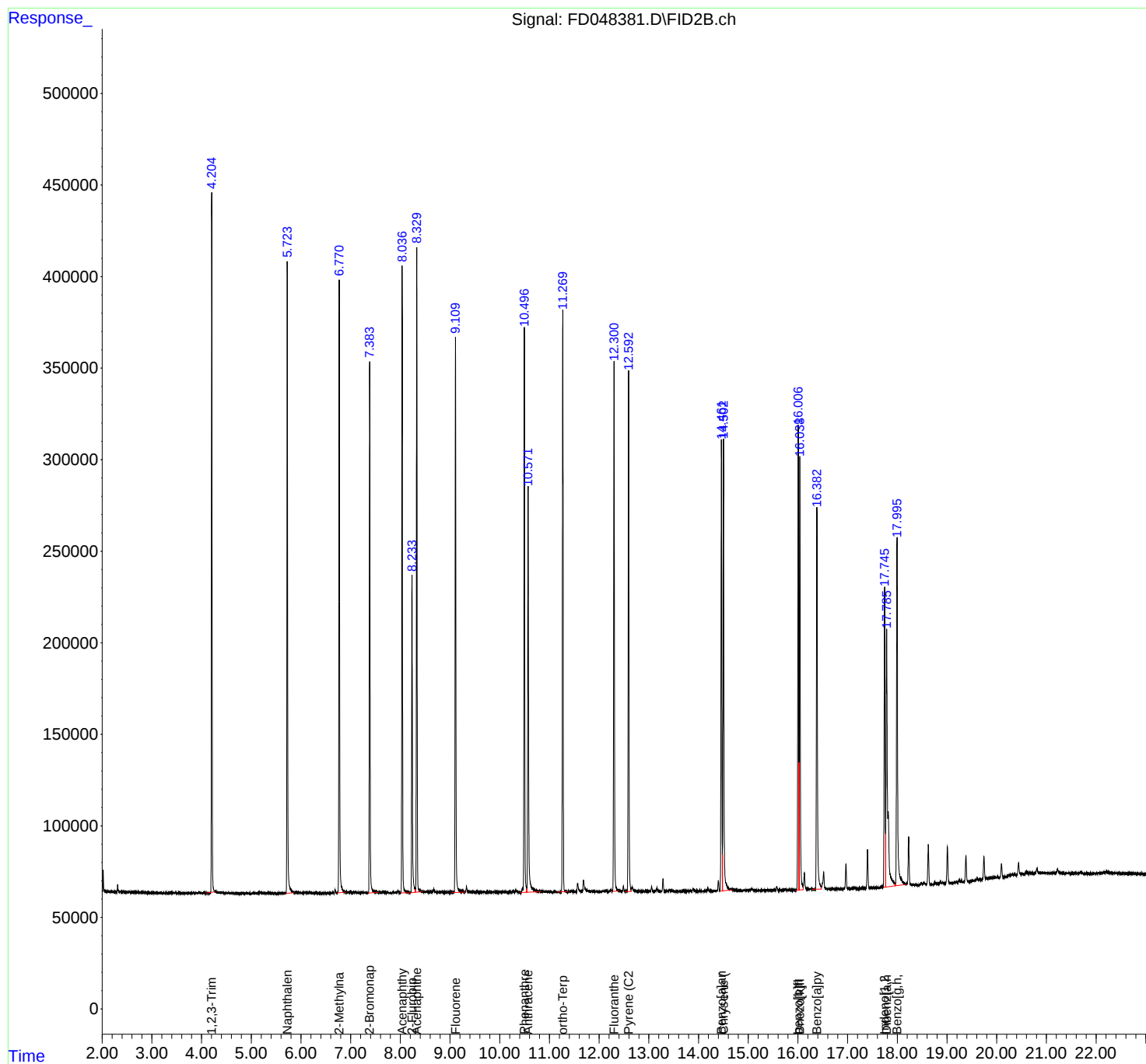
(m)=manual int.

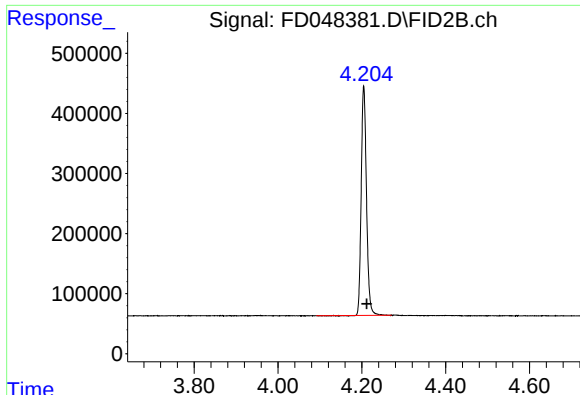
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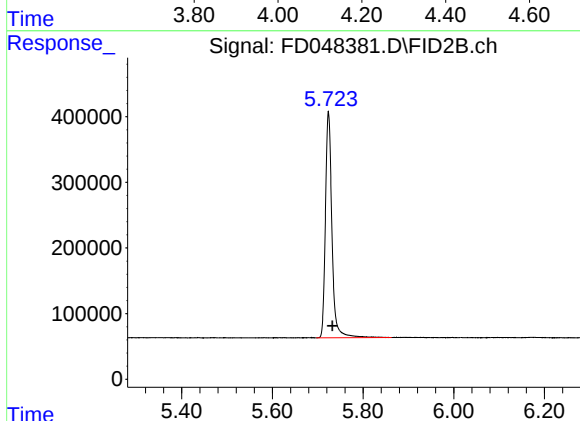




#1 1,2,3-Trimethylbenzene (C10.1)

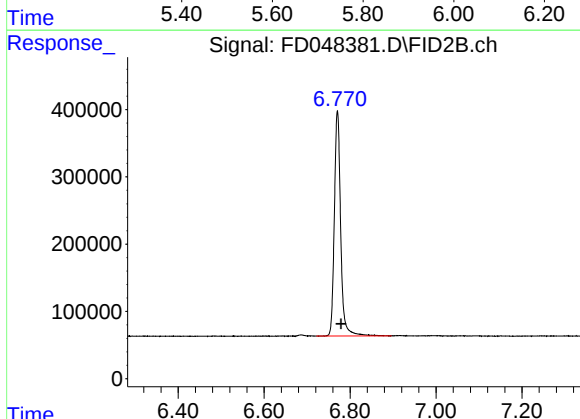
R.T.: 4.205 min
Delta R.T.: -0.007 min
Response: 3343047
Conc: 18.95 ug/ml

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20 PPM AROMATIC HC STD



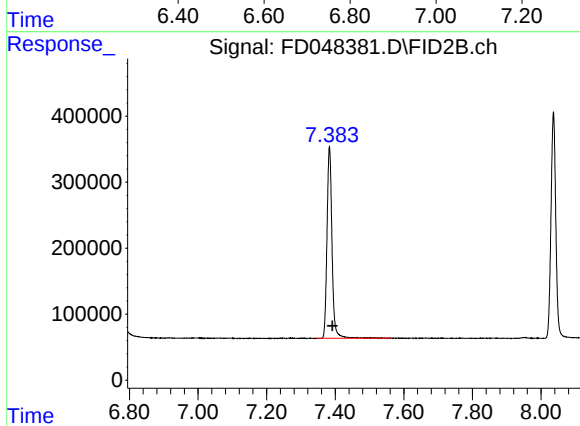
#2 Naphthalene (C11.7)

R.T.: 5.724 min
Delta R.T.: -0.008 min
Response: 3438437
Conc: 19.01 ug/ml



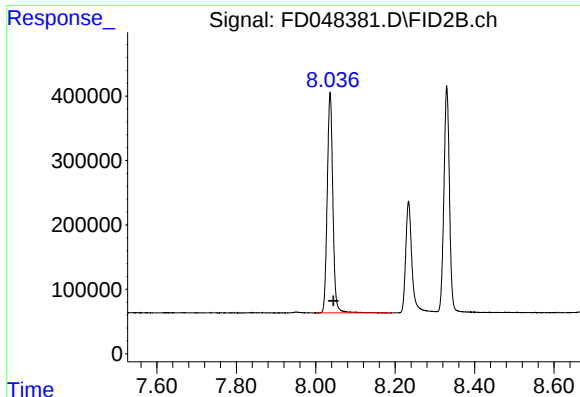
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.771 min
Delta R.T.: -0.008 min
Response: 3426175
Conc: 19.15 ug/ml



#4 2-Bromonaphthalene (SURR)

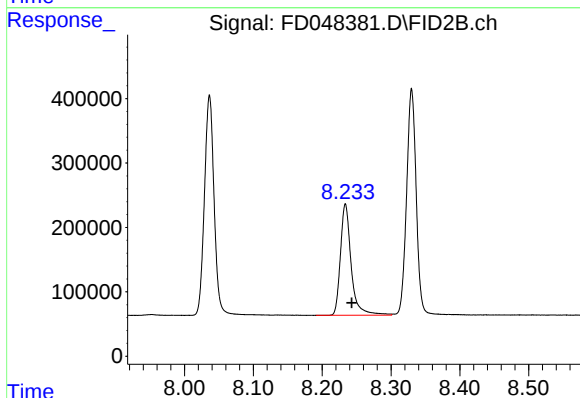
R.T.: 7.383 min
Delta R.T.: -0.008 min
Response: 2951629
Conc: 19.46 ug/ml



#5 Acenaphthylene (C15.06)

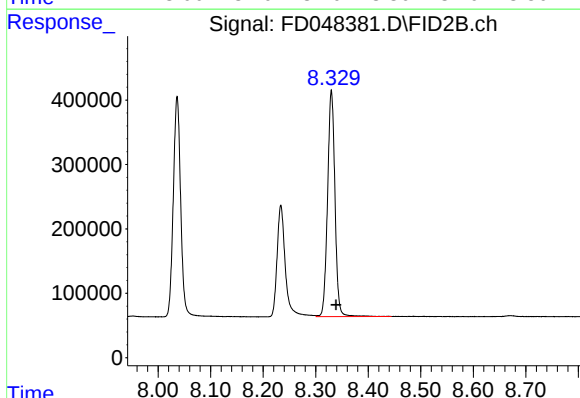
R.T.: 8.036 min
Delta R.T.: -0.008 min
Response: 3364678
Conc: 19.26 ug/ml

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20 PPM AROMATIC HC STD



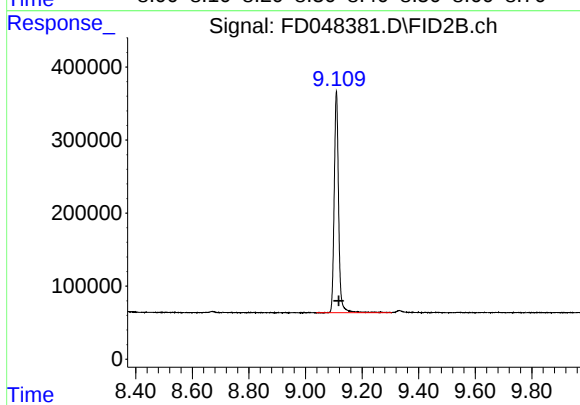
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.234 min
Delta R.T.: -0.009 min
Response: 1879314
Conc: 19.67 ug/ml



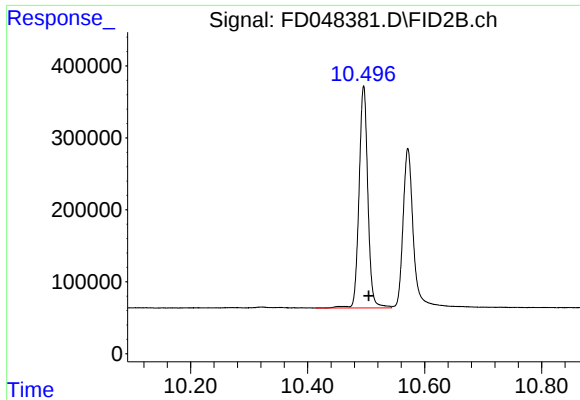
#7 Acenaphthene (C15.5)

R.T.: 8.330 min
Delta R.T.: -0.009 min
Response: 3431434
Conc: 19.29 ug/ml



#8 Fluorene (C16.55)

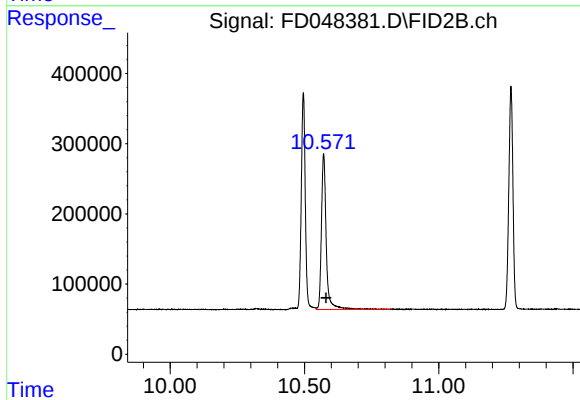
R.T.: 9.109 min
Delta R.T.: -0.008 min
Response: 3269271
Conc: 19.52 ug/ml



#9 Phenanthrene (C19.36)

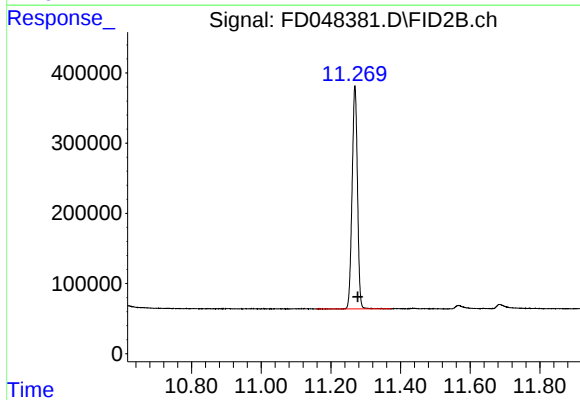
R.T.: 10.496 min
Delta R.T.: -0.009 min
Response: 3218232
Conc: 19.93 ug/ml

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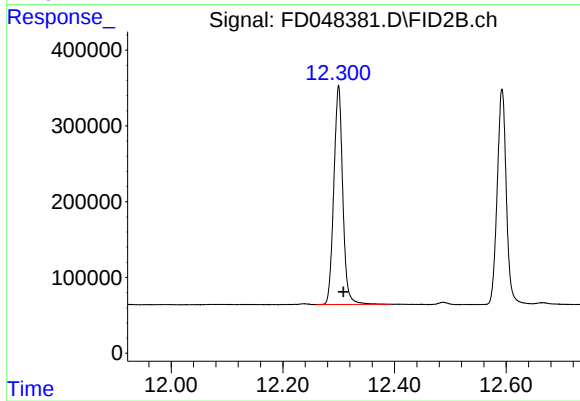
#10 Anthracene (C19.43)

R.T.: 10.571 min
Delta R.T.: -0.009 min
Response: 2777883
Conc: 17.46 ug/ml



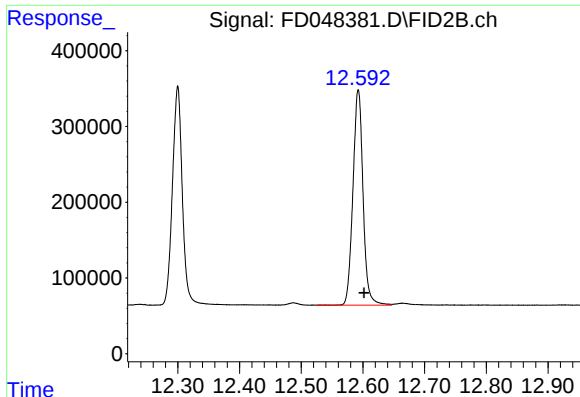
#11 ortho-Terphenyl (SURR)

R.T.: 11.269 min
Delta R.T.: -0.008 min
Response: 3391405
Conc: 19.77 ug/ml



#12 Fluoranthene (C21.85)

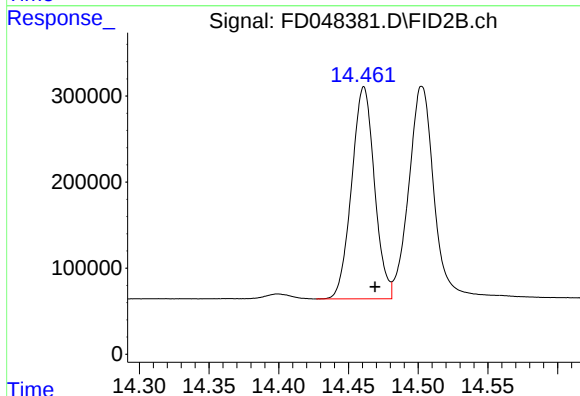
R.T.: 12.300 min
Delta R.T.: -0.009 min
Response: 3220666
Conc: 19.87 ug/ml



#13 Pyrene (C20.8)

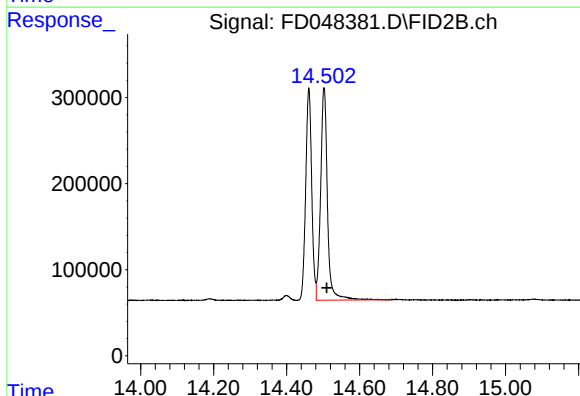
R.T.: 12.593 min
Delta R.T.: -0.009 min
Response: 3234833
Conc: 20.18 ug/ml

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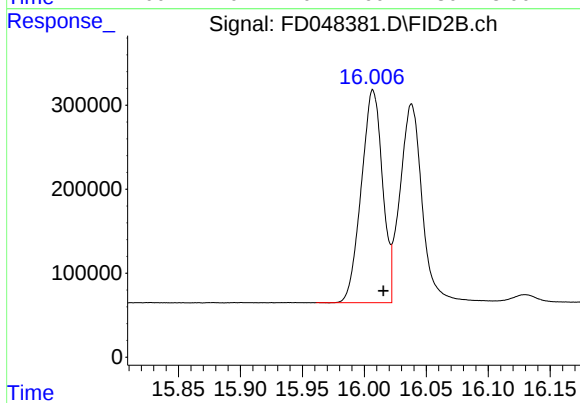
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.461 min
Delta R.T.: -0.008 min
Response: 2804387
Conc: 20.02 ug/ml



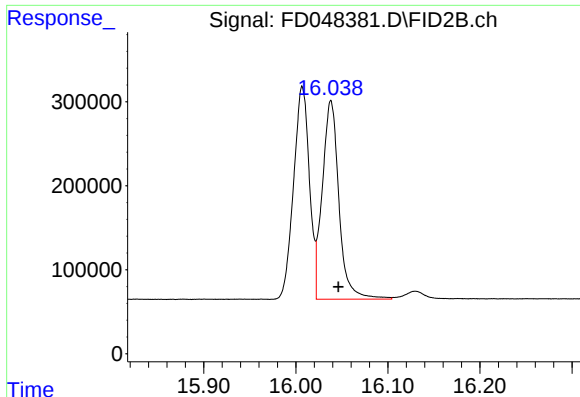
#15 Chrysene (C27.41)

R.T.: 14.503 min
Delta R.T.: -0.008 min
Response: 3210403
Conc: 19.49 ug/ml



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

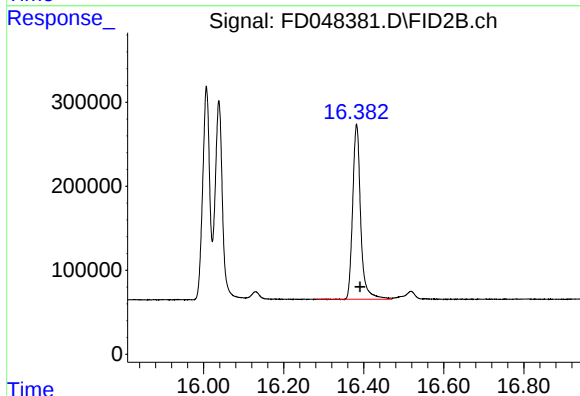
R.T.: 16.007 min
Delta R.T.: -0.008 min
Response: 3022468
Conc: 20.34 ug/ml



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

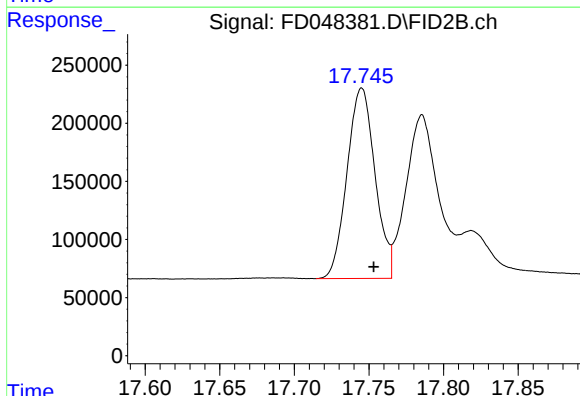
R.T.: 16.038 min
Delta R.T.: -0.008 min
Response: 2979710
Conc: 19.35 ug/ml

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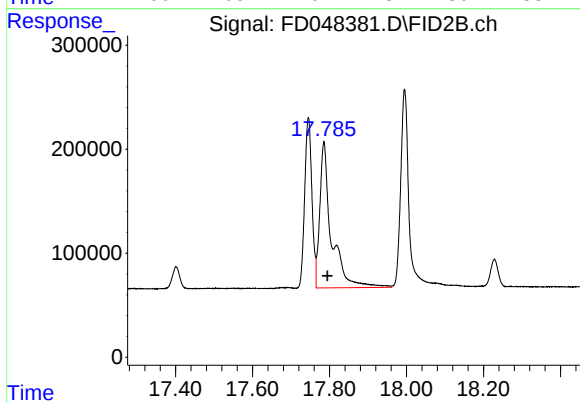
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.382 min
Delta R.T.: -0.008 min
Response: 2898278
Conc: 19.59 ug/ml



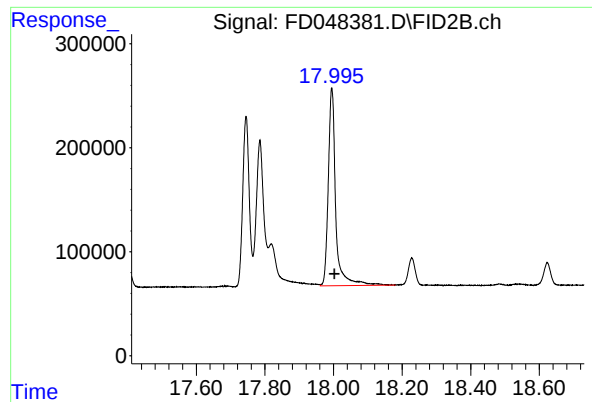
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: -0.008 min
Response: 2139878
Conc: 18.94 ug/ml



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

R.T.: 17.785 min
Delta R.T.: -0.009 min
Response: 2956350
Conc: 19.37 ug/ml



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

R.T.: 17.995 min
Delta R.T.: -0.008 min
Response: 2863362
Conc: 19.43 ug/ml

Instrument :

FID_D

ClientSampleId :

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