

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111324AR\
 Data File : FF015023.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 21:57
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 14 03:00:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:49:17 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...	7.991	2613662	19.639 ug/ml
Spiked Amount 50.000		Recovery =	39.28%
6) S 2-Fluorobiphenyl (SURR)	8.866	1742164	19.534 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.07%
11) S ortho-Terphenyl (SURR)	11.926	2907864	19.743 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	2988541	19.636 ug/ml
2) T Naphthalene (C11.7)	6.273	3079620	19.623 ug/ml
3) T 2-Methylnaphthalene (...)	7.367	3085138	19.666 ug/ml
5) T Acenaphthylene (C15.06)	8.666	2987445	19.645 ug/ml
7) T Acenaphthene (C15.5)	8.965	2987542	19.689 ug/ml
8) T Fluorene (C16.55)	9.753	2900530	19.554 ug/ml
9) T Phenanthrene (C19.36)	11.158	2835120	19.548 ug/ml
10) T Anthracene (C19.43)	11.233	2663875	19.412 ug/ml
12) T Fluoranthene (C21.85)	12.978	2730413	19.537 ug/ml
13) T Pyrene (C20.8)	13.276	2697720	19.578 ug/ml
14) T Benzo[a]anthracene (C...	15.154	2562398	19.203 ug/ml
15) T Chrysene (C27.41)	15.197	2613099	19.248 ug/ml
16) T benzo[b]fluoranthene ...	16.712	2701983	19.657 ug/ml
17) T Bnezo[k]fluoranthene ...	16.744	2515221	19.553 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.092	2636778	19.447 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.461	2616248	19.036 ug/ml
20) T Dibenz[a,h]anthracene...	18.502	2685062	18.148 ug/ml
21) T Benzo[g,h,i]perylene ...	18.719	2910893	19.890 ug/ml

(f)=RT Delta > 1/2 Window

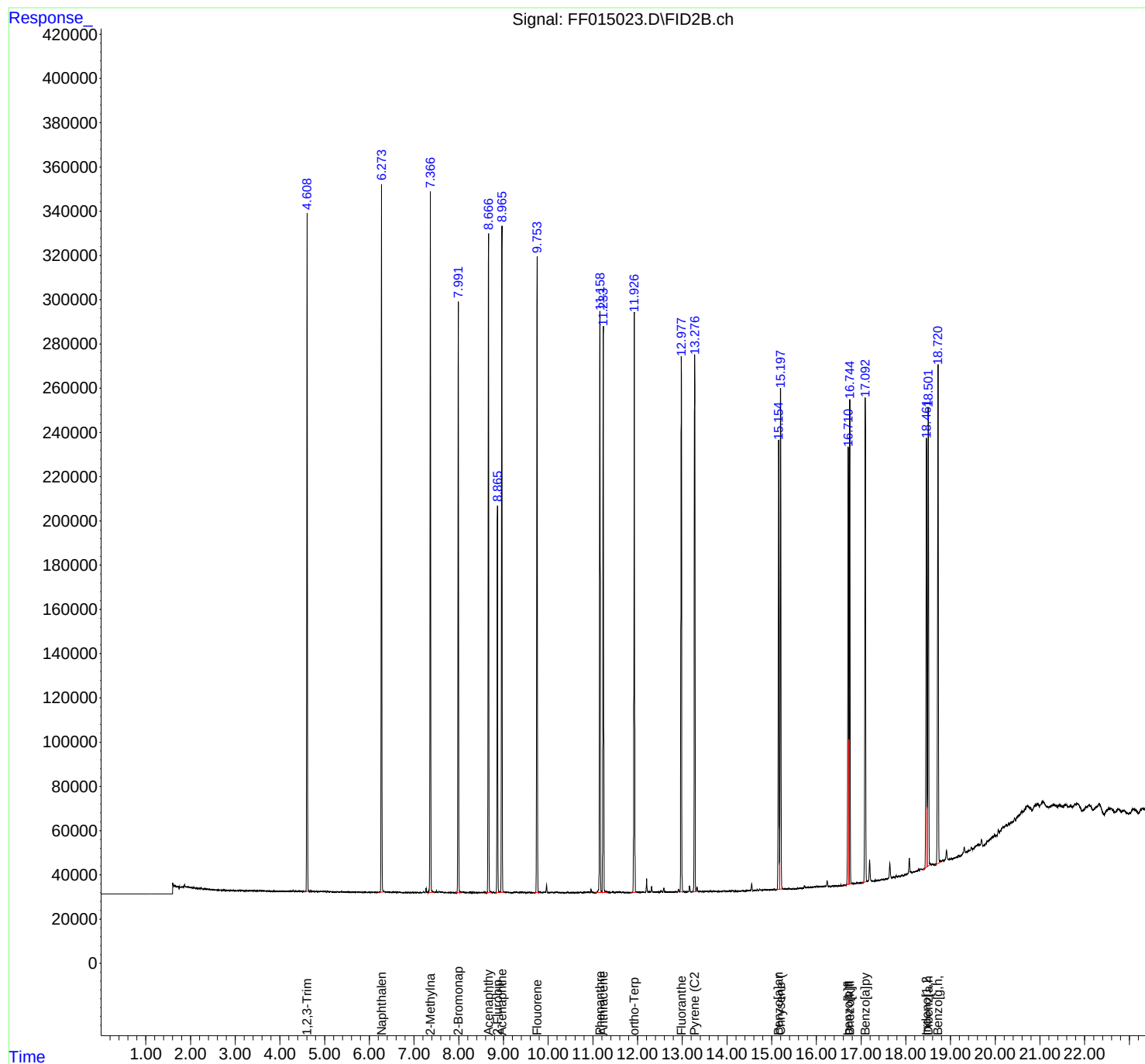
(m)=manual int.

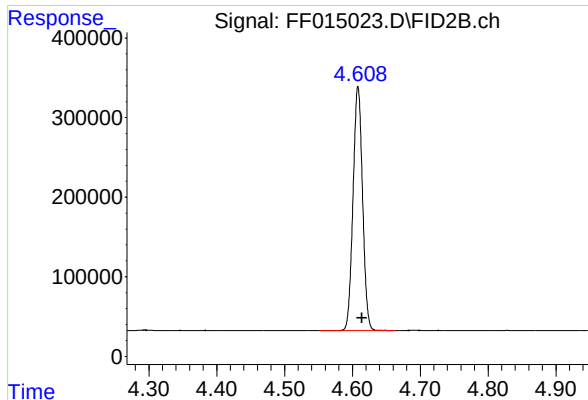
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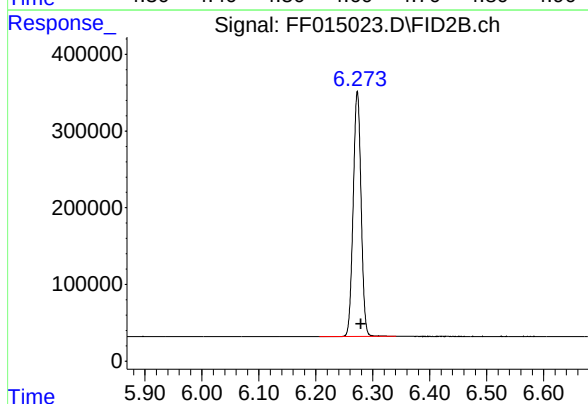




#1 1,2,3-Trimethylbenzene (C10.1)

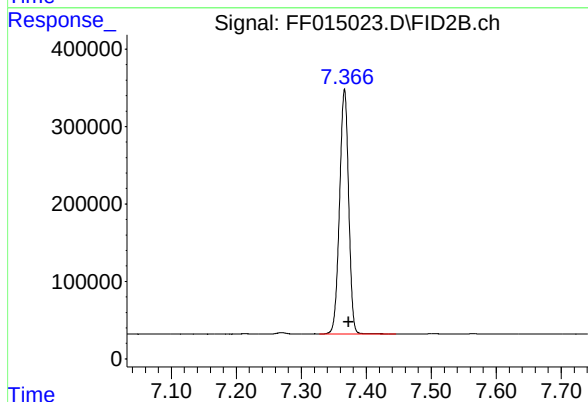
R.T.: 4.608 min
Delta R.T.: -0.006 min
Response: 2988541
Conc: 19.64 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



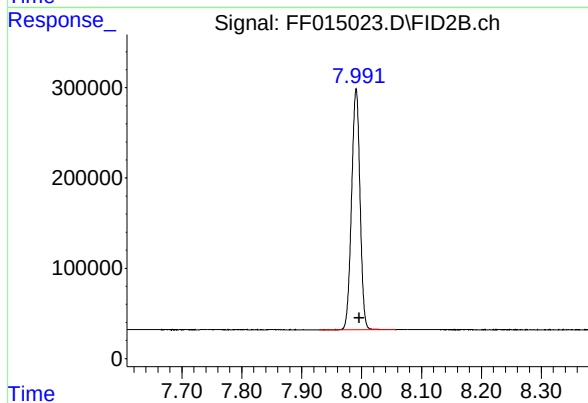
#2 Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.006 min
Response: 3079620
Conc: 19.62 ug/ml



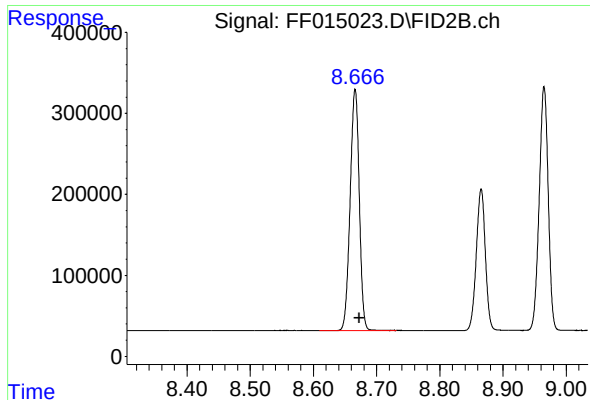
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: -0.006 min
Response: 3085138
Conc: 19.67 ug/ml



#4 2-Bromonaphthalene (SURR)

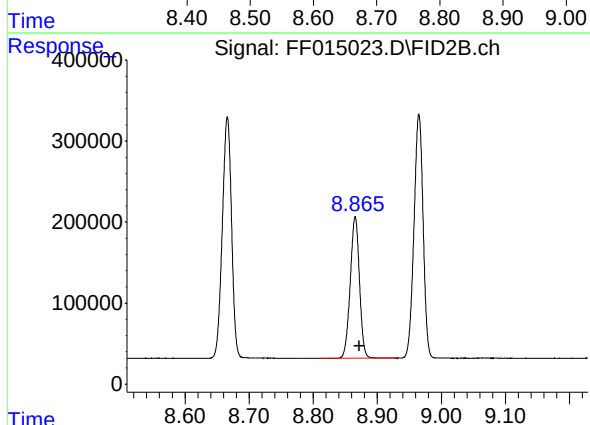
R.T.: 7.991 min
Delta R.T.: -0.006 min
Response: 2613662
Conc: 19.64 ug/ml



#5 Acenaphthylene (C15.06)

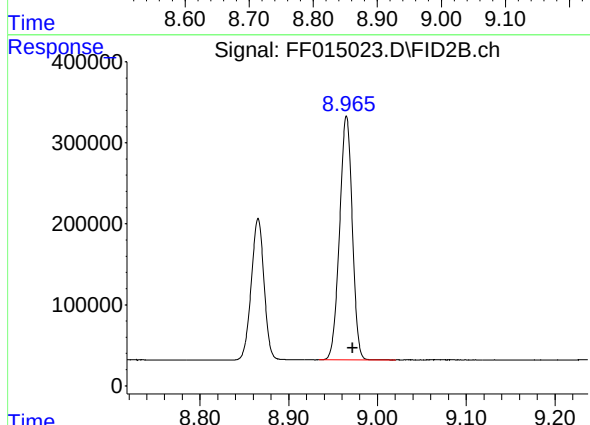
R.T.: 8.666 min
Delta R.T.: -0.007 min
Response: 2987445
Conc: 19.65 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



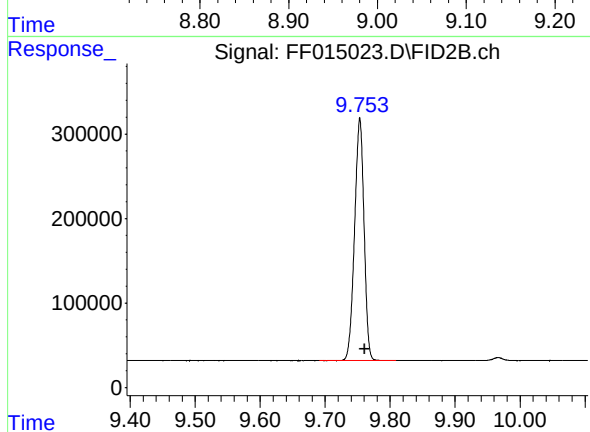
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: -0.007 min
Response: 1742164
Conc: 19.53 ug/ml



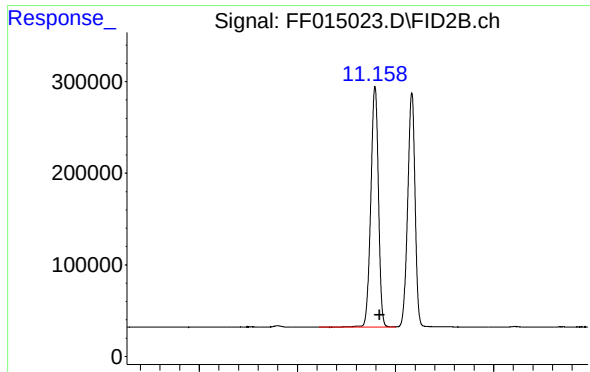
#7 Acenaphthene (C15.5)

R.T.: 8.965 min
Delta R.T.: -0.007 min
Response: 2987542
Conc: 19.69 ug/ml



#8 Fluorene (C16.55)

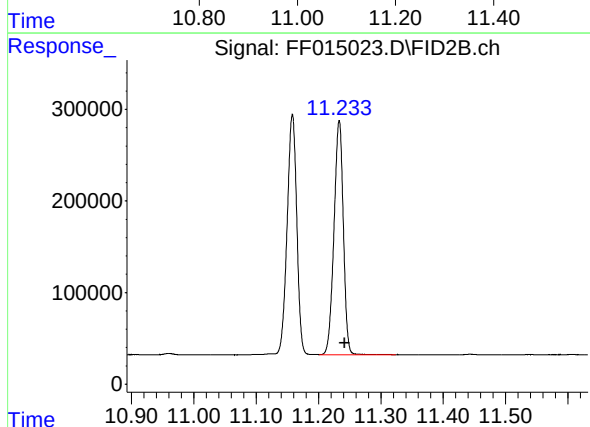
R.T.: 9.753 min
Delta R.T.: -0.007 min
Response: 2900530
Conc: 19.55 ug/ml



#9 Phenanthrene (C19.36)

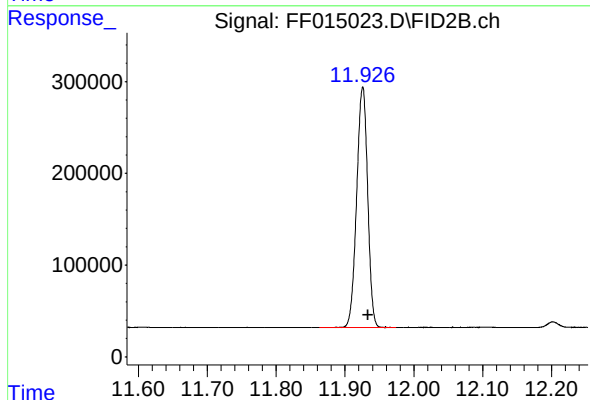
R.T.: 11.158 min
Delta R.T.: -0.009 min
Response: 2835120
Conc: 19.55 ug/ml

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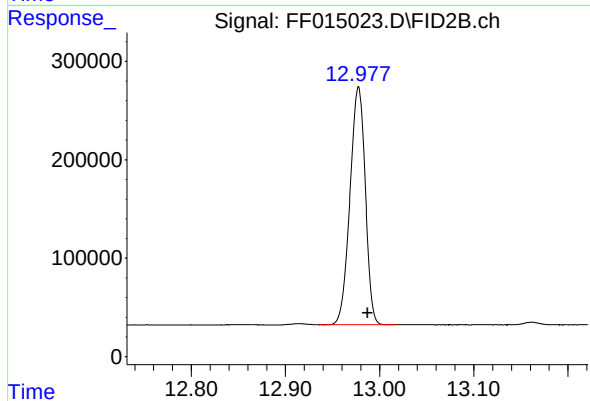
#10 Anthracene (C19.43)

R.T.: 11.233 min
Delta R.T.: -0.009 min
Response: 2663875
Conc: 19.41 ug/ml



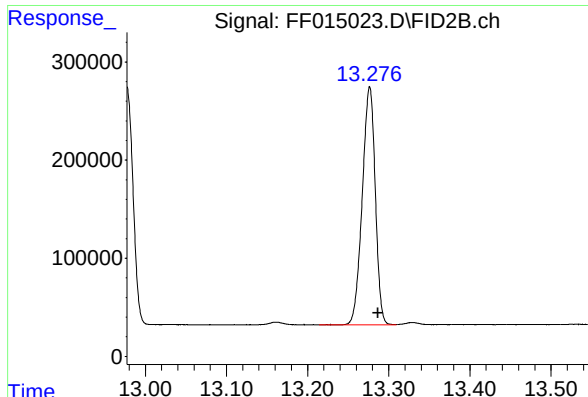
#11 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: -0.008 min
Response: 2907864
Conc: 19.74 ug/ml



#12 Fluoranthene (C21.85)

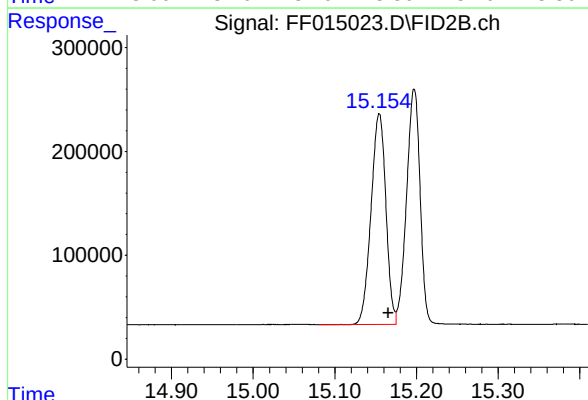
R.T.: 12.978 min
Delta R.T.: -0.010 min
Response: 2730413
Conc: 19.54 ug/ml



#13 Pyrene (C20.8)

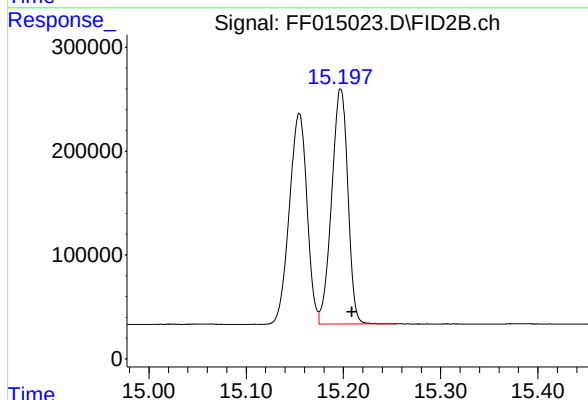
R.T.: 13.276 min
Delta R.T.: -0.010 min
Response: 2697720
Conc: 19.58 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



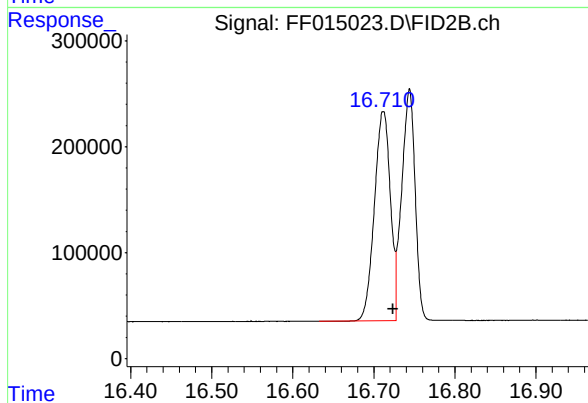
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.154 min
Delta R.T.: -0.011 min
Response: 2562398
Conc: 19.20 ug/ml



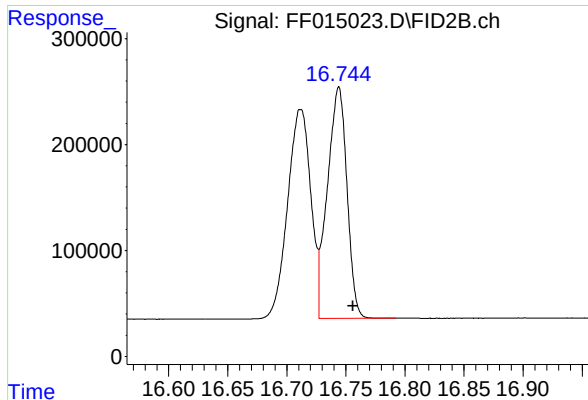
#15 Chrysene (C27.41)

R.T.: 15.197 min
Delta R.T.: -0.012 min
Response: 2613099
Conc: 19.25 ug/ml



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

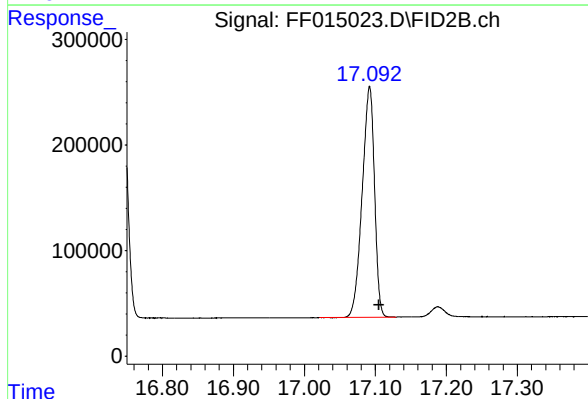
R.T.: 16.712 min
Delta R.T.: -0.012 min
Response: 2701983
Conc: 19.66 ug/ml



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

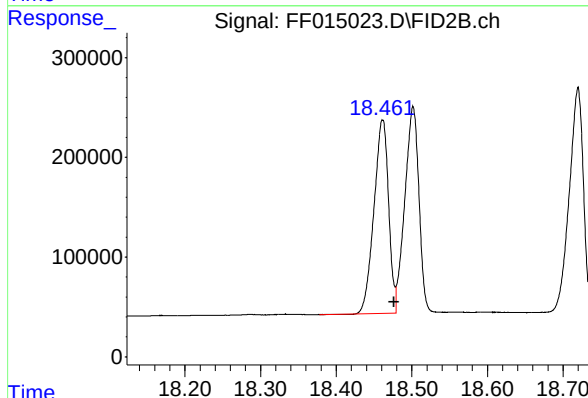
R.T.: 16.744 min
Delta R.T.: -0.012 min
Response: 2515221
Conc: 19.55 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



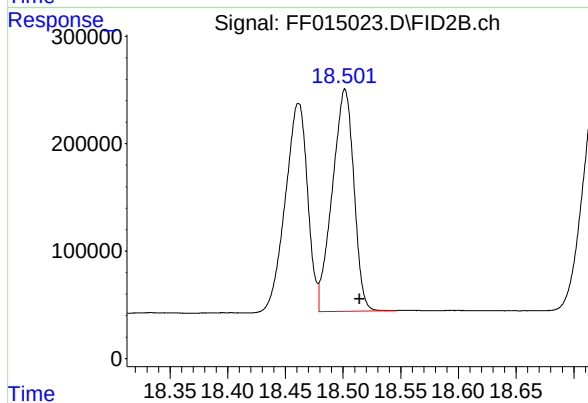
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.092 min
Delta R.T.: -0.013 min
Response: 2636778
Conc: 19.45 ug/ml



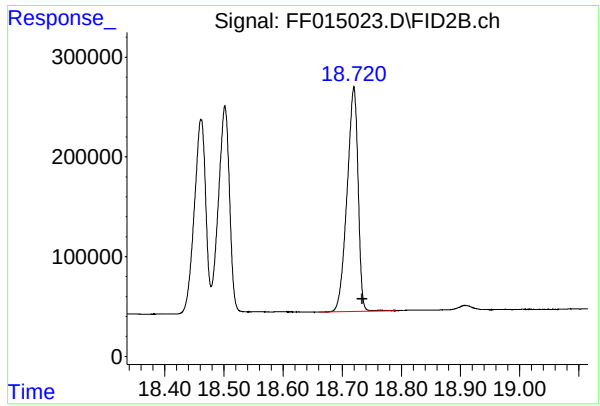
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.461 min
Delta R.T.: -0.015 min
Response: 2616248
Conc: 19.04 ug/ml



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

R.T.: 18.502 min
Delta R.T.: -0.013 min
Response: 2685062
Conc: 18.15 ug/ml



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

R.T.: 18.719 min

Delta R.T.: -0.015 min

Response: 2910893

Conc: 19.89 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD