

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111424AR\
 Data File : FF015030.D
 Signal(s) : FID2B.ch
 Acq On : 14 Nov 2024 11:27
 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: sample.E
 Quant Time: Nov 15 03:38:21 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	2761138	20.748 ug/ml
Spiked Amount 50.000		Recovery =	41.50%
6) S 2-Fluorobiphenyl (SURR)	8.866	1855312	20.802 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.60%
11) S ortho-Terphenyl (SURR)	11.927	3131943	21.264 ug/ml
Spiked Amount 50.000		Recovery =	42.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.610	3100923	20.374 ug/ml
2) T Naphthalene (C11.7)	6.274	3232802	20.599 ug/ml
3) T 2-Methylnaphthalene (...)	7.367	3253031	20.737 ug/ml
5) T Acenaphthylene (C15.06)	8.667	3176541	20.889 ug/ml
7) T Acenaphthene (C15.5)	8.965	3183579	20.981 ug/ml
8) T Fluorene (C16.55)	9.754	3094748	20.863 ug/ml
9) T Phenanthrene (C19.36)	11.160	3038491	20.950 ug/ml
10) T Anthracene (C19.43)	11.234	2811092	20.485 ug/ml
12) T Fluoranthene (C21.85)	12.980	2931446	20.976 ug/ml
13) T Pyrene (C20.8)	13.278	2892163	20.990 ug/ml
14) T Benzo[a]anthracene (C...	15.156	2694602	20.194 ug/ml
15) T Chrysene (C27.41)	15.199	2750582	20.261 ug/ml
16) T benzo[b]fluoranthene ...	16.714	2814599	20.476 ug/ml
17) T Bnezo[k]fluoranthene ...	16.747	2634225	20.479 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.095	2771806	20.443 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.465	2773941	20.183 ug/ml
20) T Dibenz[a,h]anthracene...	18.504	2792316	18.873 ug/ml
21) T Benzo[g,h,i]perylene ...	18.723	3099490	21.179 ug/ml

(f)=RT Delta > 1/2 Window

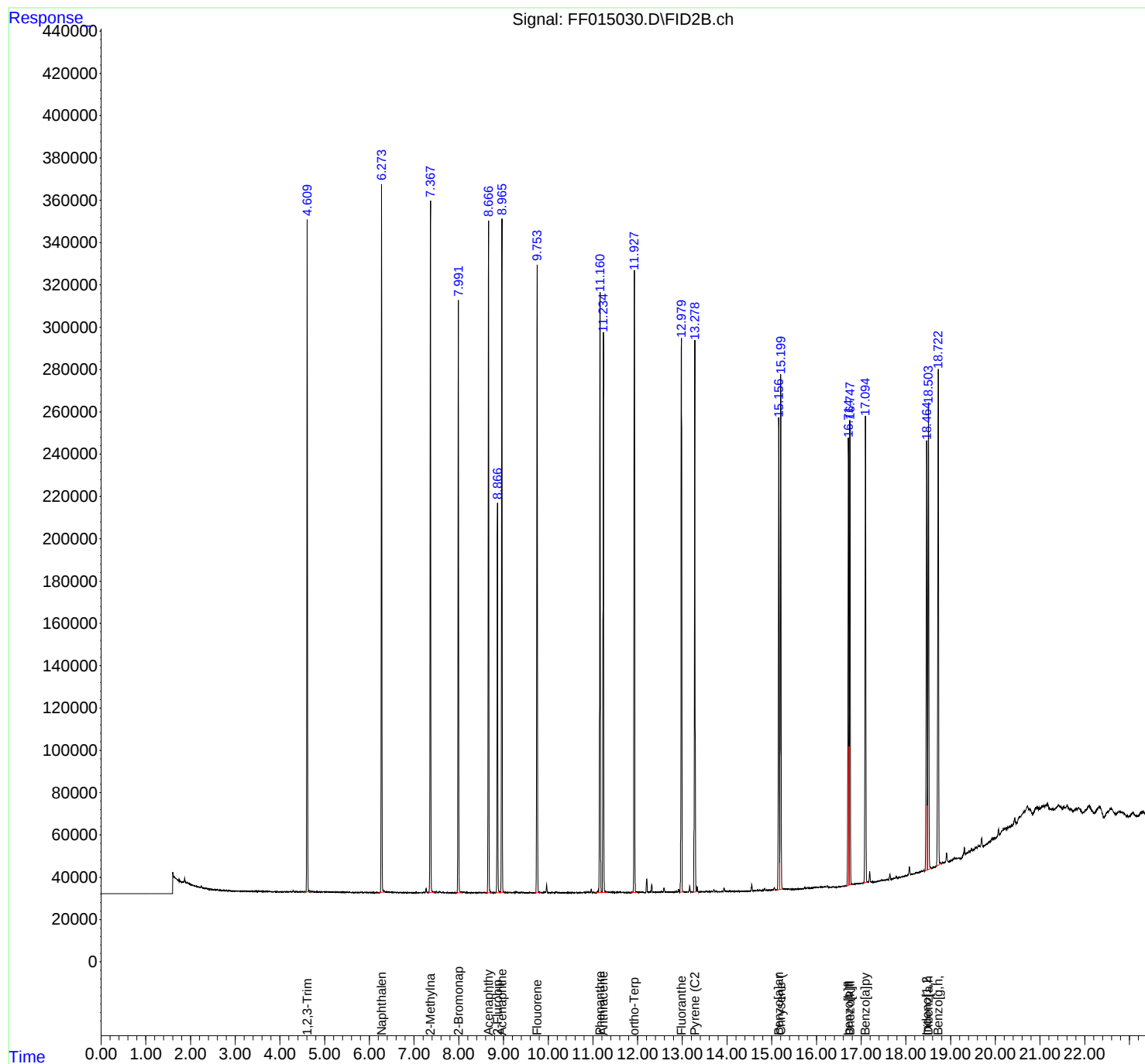
(m)=manual int.

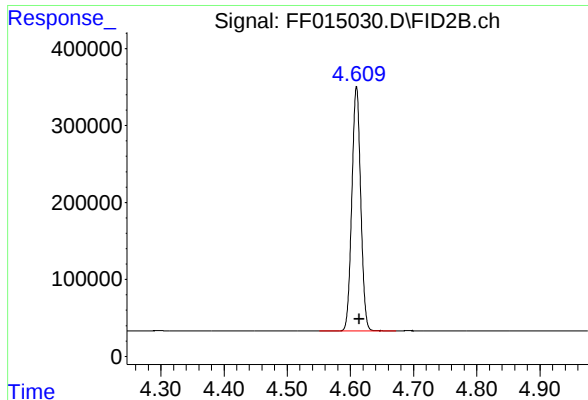
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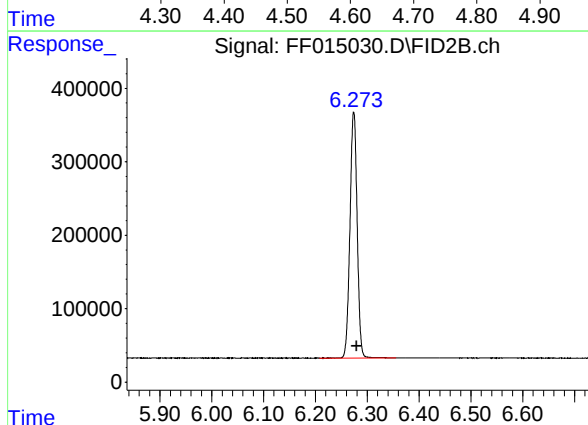




#1 1,2,3-Trimethylbenzene (C10.1)

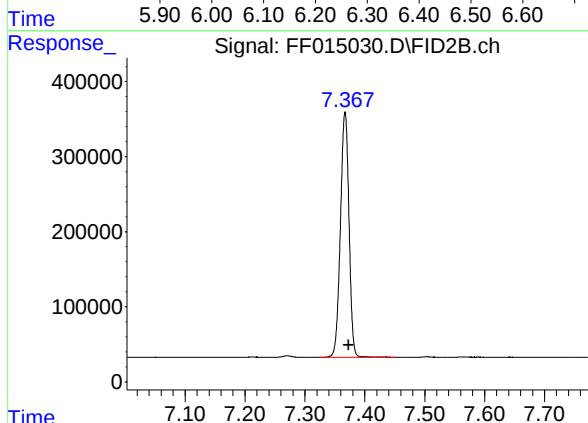
R.T.: 4.610 min
Delta R.T.: -0.004 min
Response: 3100923
Conc: 20.37 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM AROMATIC HC STD



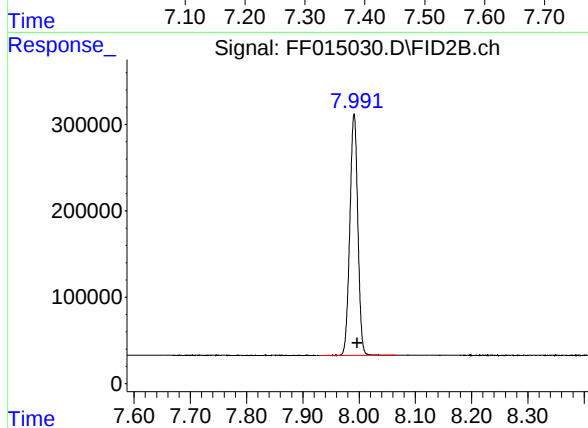
#2 Naphthalene (C11.7)

R.T.: 6.274 min
Delta R.T.: -0.005 min
Response: 3232802
Conc: 20.60 ug/ml



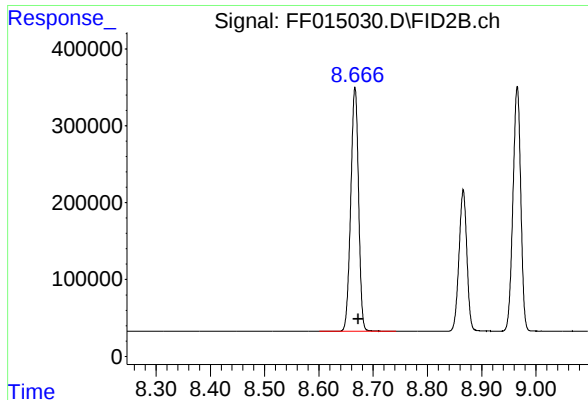
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.367 min
Delta R.T.: -0.006 min
Response: 3253031
Conc: 20.74 ug/ml



#4 2-Bromonaphthalene (SURR)

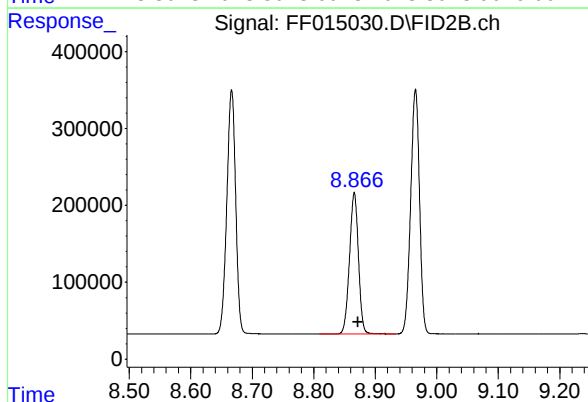
R.T.: 7.991 min
Delta R.T.: -0.005 min
Response: 2761138
Conc: 20.75 ug/ml



#5 Acenaphthylene (C15.06)

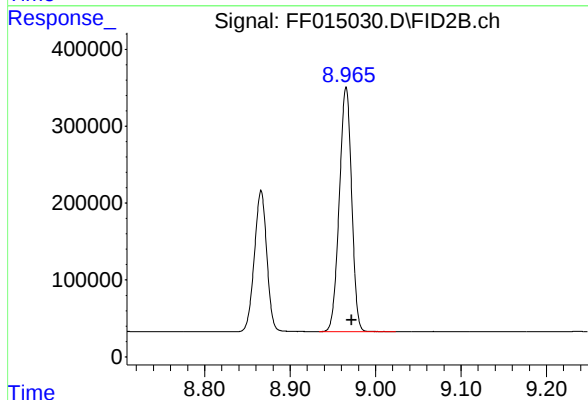
R.T.: 8.667 min
Delta R.T.: -0.006 min
Response: 3176541
Conc: 20.89 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



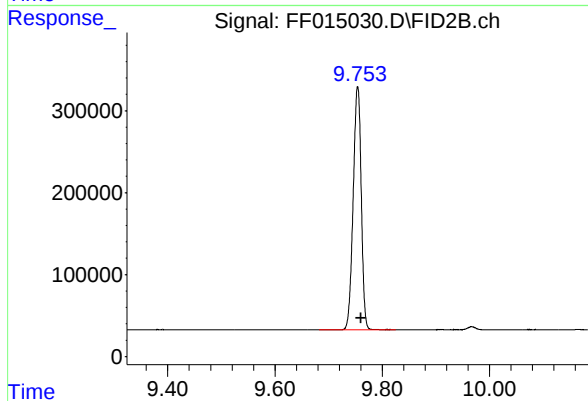
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.866 min
Delta R.T.: -0.006 min
Response: 1855312
Conc: 20.80 ug/ml



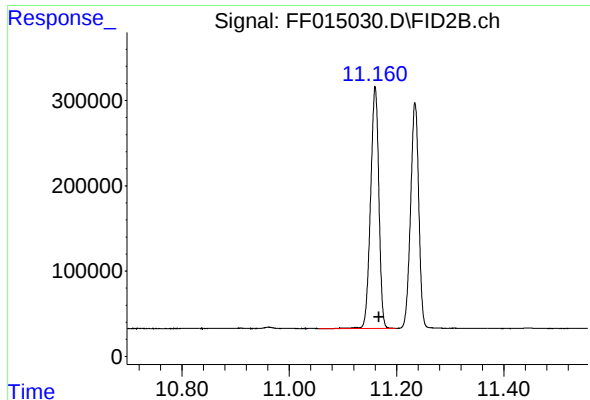
#7 Acenaphthene (C15.5)

R.T.: 8.965 min
Delta R.T.: -0.006 min
Response: 3183579
Conc: 20.98 ug/ml



#8 Fluorene (C16.55)

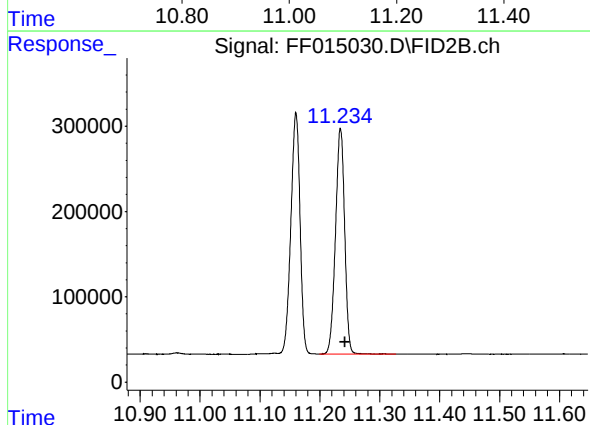
R.T.: 9.754 min
Delta R.T.: -0.007 min
Response: 3094748
Conc: 20.86 ug/ml



#9 Phenanthrene (C19.36)

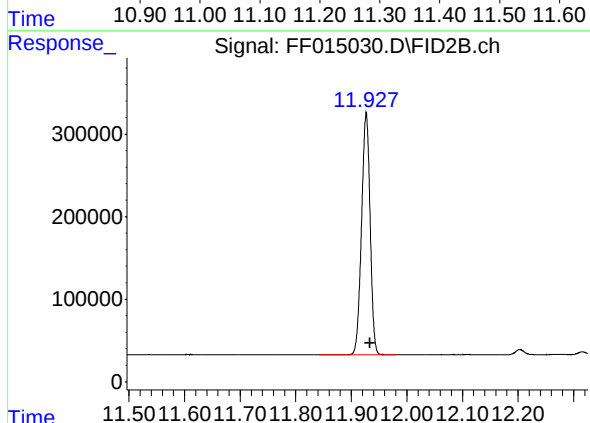
R.T.: 11.160 min
Delta R.T.: -0.007 min
Response: 3038491
Conc: 20.95 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



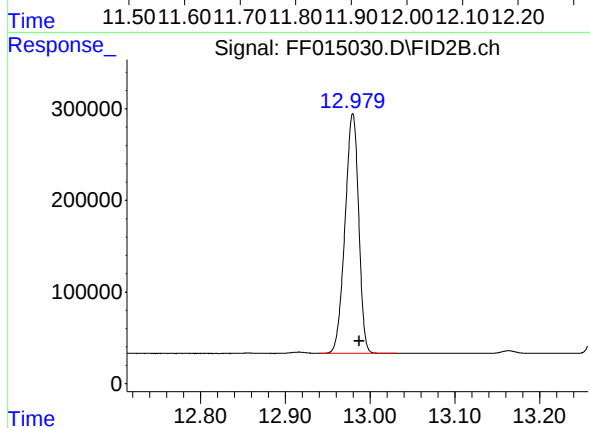
#10 Anthracene (C19.43)

R.T.: 11.234 min
Delta R.T.: -0.008 min
Response: 2811092
Conc: 20.48 ug/ml



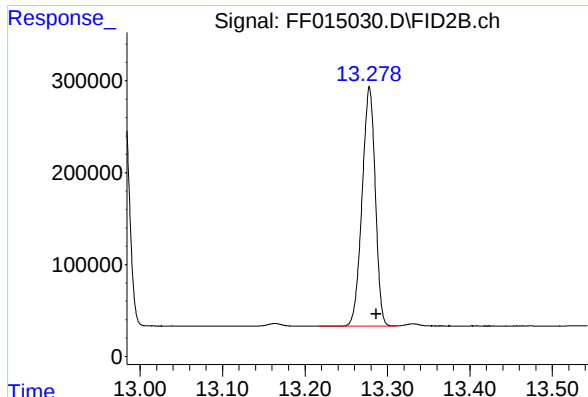
#11 ortho-Terphenyl (SURR)

R.T.: 11.927 min
Delta R.T.: -0.007 min
Response: 3131943
Conc: 21.26 ug/ml



#12 Fluoranthene (C21.85)

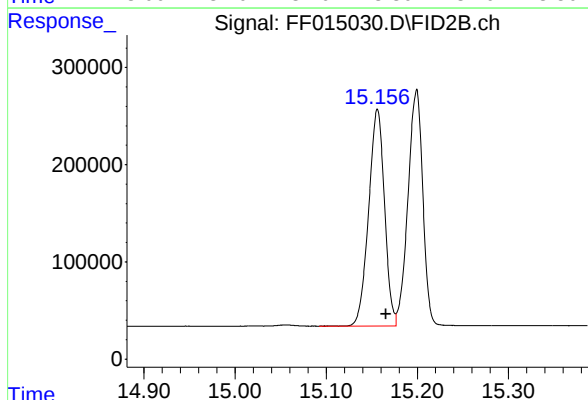
R.T.: 12.980 min
Delta R.T.: -0.008 min
Response: 2931446
Conc: 20.98 ug/ml



#13 Pyrene (C20.8)

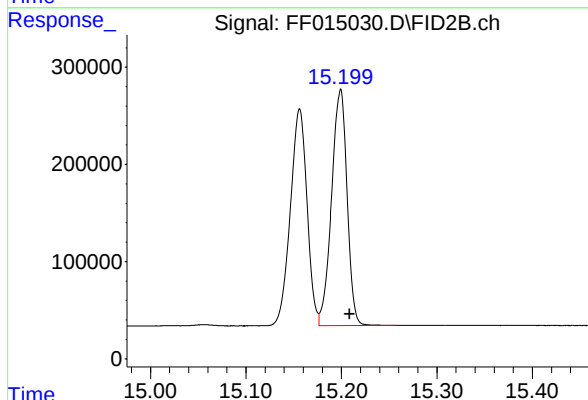
R.T.: 13.278 min
Delta R.T.: -0.008 min
Response: 2892163
Conc: 20.99 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



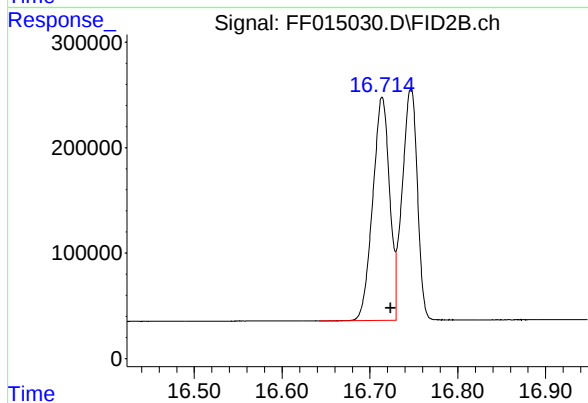
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.156 min
Delta R.T.: -0.009 min
Response: 2694602
Conc: 20.19 ug/ml



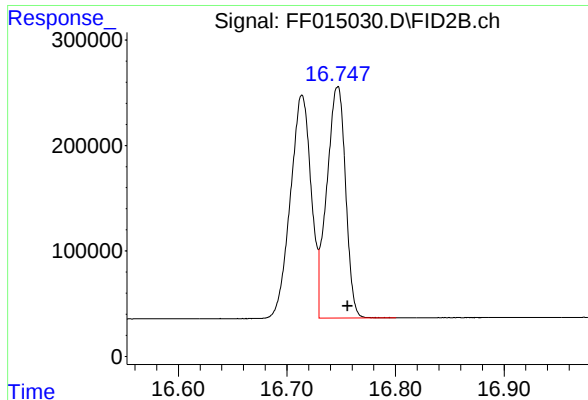
#15 Chrysene (C27.41)

R.T.: 15.199 min
Delta R.T.: -0.010 min
Response: 2750582
Conc: 20.26 ug/ml



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

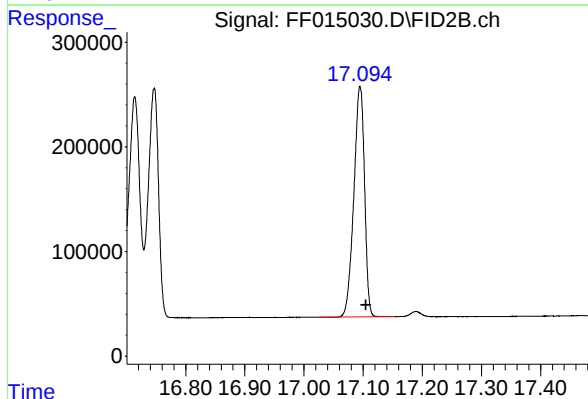
R.T.: 16.714 min
Delta R.T.: -0.010 min
Response: 2814599
Conc: 20.48 ug/ml



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

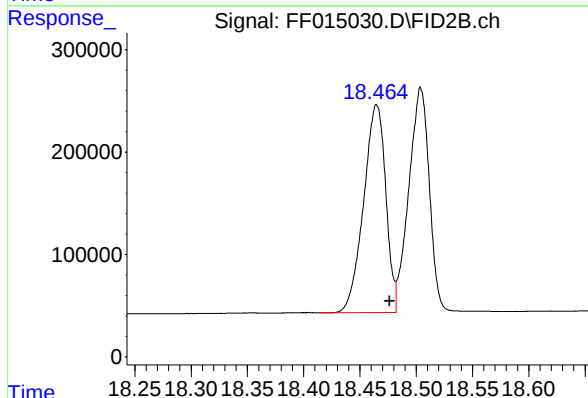
R.T.: 16.747 min
Delta R.T.: -0.009 min
Response: 2634225
Conc: 20.48 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



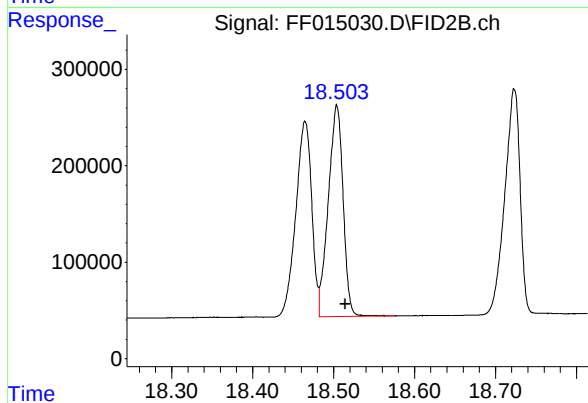
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.095 min
Delta R.T.: -0.010 min
Response: 2771806
Conc: 20.44 ug/ml



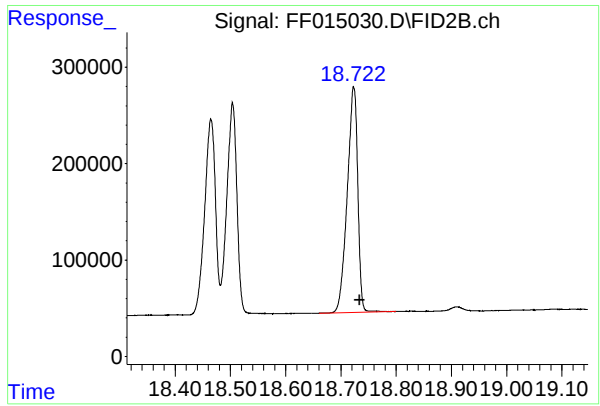
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.465 min
Delta R.T.: -0.012 min
Response: 2773941
Conc: 20.18 ug/ml



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

R.T.: 18.504 min
Delta R.T.: -0.011 min
Response: 2792316
Conc: 18.87 ug/ml



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

R.T.: 18.723 min

Delta R.T.: -0.011 min

Response: 3099490

Conc: 21.18 ug/ml

Instrument :

FID_F

ClientSampleId :

20 PPM AROMATIC HC STD