

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF111324AR\
 Data File : FF015011.D
 Signal(s) : FID2B.ch
 Acq On : 13 Nov 2024 15:25
 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 02:58:33 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...	7.990	2651225	19.922 ug/ml
Spiked Amount 50.000		Recovery =	39.84%
6) S 2-Fluorobiphenyl (SURR)	8.863	1759475	19.728 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.46%
11) S ortho-Terphenyl (SURR)	11.924	2941444	19.971 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.608	3081974	20.250 ug/ml
2) T Naphthalene (C11.7)	6.272	3141461	20.017 ug/ml
3) T 2-Methylnaphthalene (...)	7.365	3130532	19.956 ug/ml
5) T Acenaphthylene (C15.06)	8.664	3019592	19.856 ug/ml
7) T Acenaphthene (C15.5)	8.963	3020475	19.906 ug/ml
8) T Fluorene (C16.55)	9.751	2913929	19.644 ug/ml
9) T Phenanthrene (C19.36)	11.156	2858651	19.710 ug/ml
10) T Anthracene (C19.43)	11.231	2691379	19.612 ug/ml
12) T Fluoranthene (C21.85)	12.975	2766067	19.792 ug/ml
13) T Pyrene (C20.8)	13.274	2734532	19.846 ug/ml
14) T Benzo[a]anthracene (C...	15.152	2623387	19.660 ug/ml
15) T Chrysene (C27.41)	15.194	2679657	19.739 ug/ml
16) T benzo[b]fluoranthene ...	16.709	2730427	19.864 ug/ml
17) T Bnezo[k]fluoranthene ...	16.740	2594723	20.171 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.089	2718080	20.046 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.458	2487683	18.100 ug/ml
20) T Dibenz[a,h]anthracene...	18.498	2601761	17.585 ug/ml
21) T Benzo[g,h,i]perylene ...	18.715	2806641	19.178 ug/ml

(f)=RT Delta > 1/2 Window

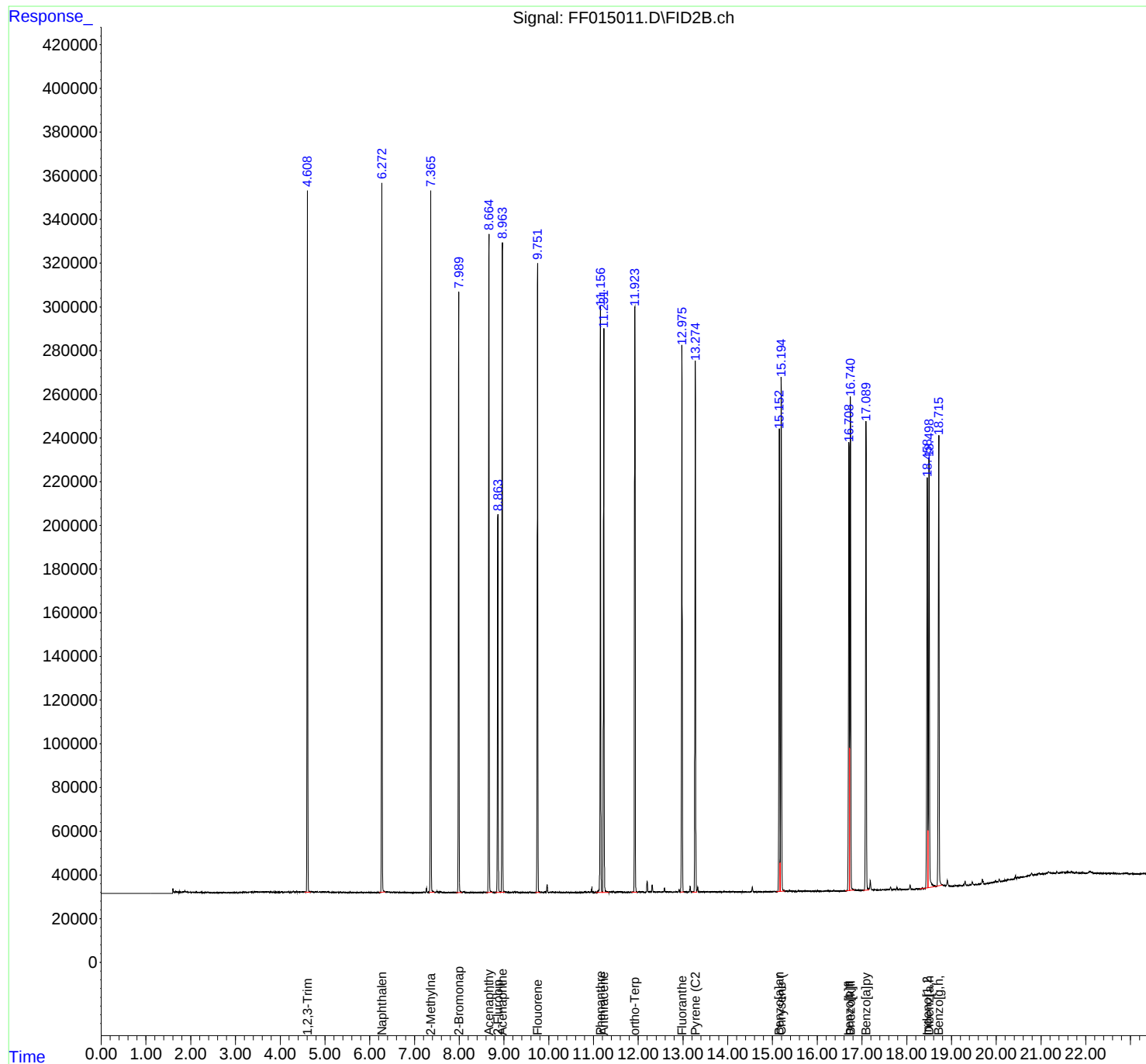
(m)=manual int.

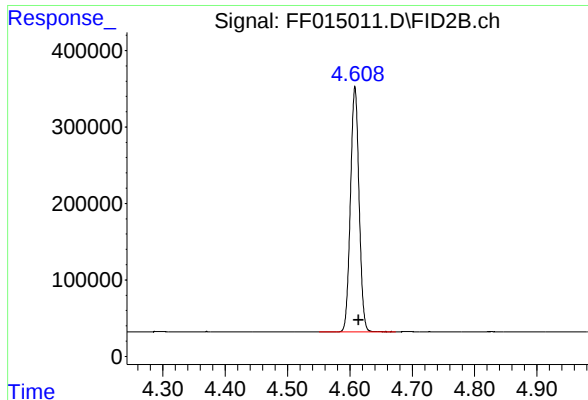
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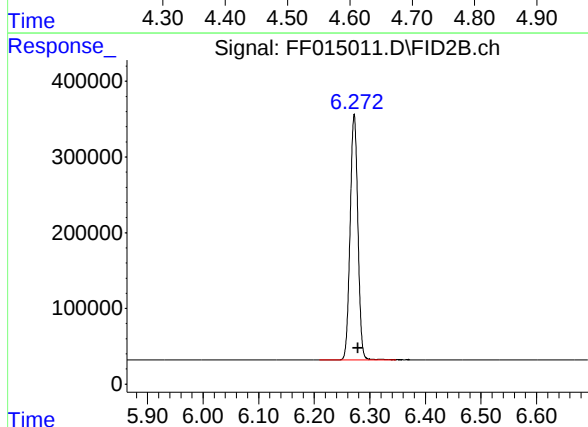




#1 1,2,3-Trimethylbenzene (C10.1)

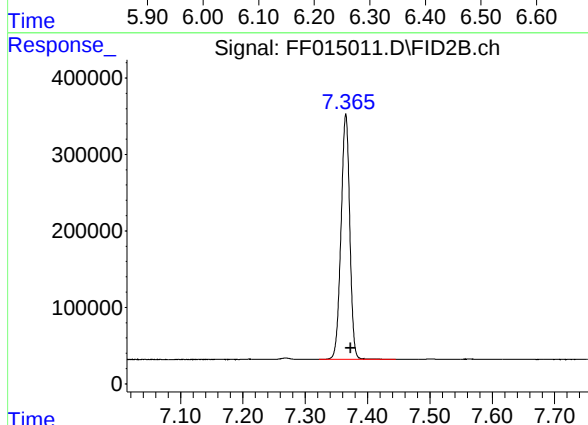
R.T.: 4.608 min
Delta R.T.: -0.006 min
Response: 3081974
Conc: 20.25 ug/ml

Instrument :
FID_F
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20 PPM AROMATIC HC STD



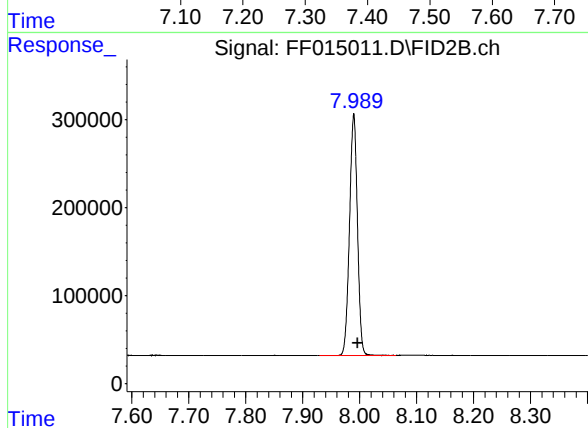
#2 Naphthalene (C11.7)

R.T.: 6.272 min
Delta R.T.: -0.007 min
Response: 3141461
Conc: 20.02 ug/ml



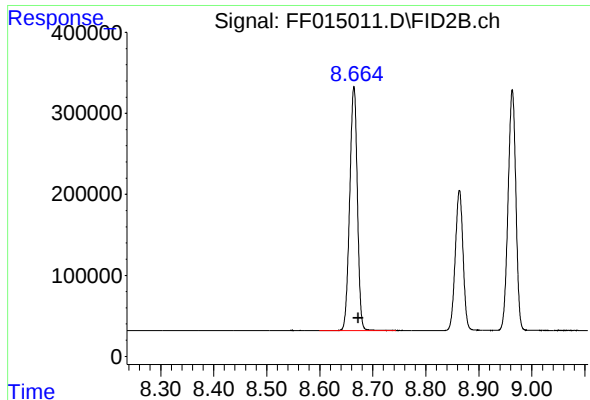
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.365 min
Delta R.T.: -0.008 min
Response: 3130532
Conc: 19.96 ug/ml



#4 2-Bromonaphthalene (SURR)

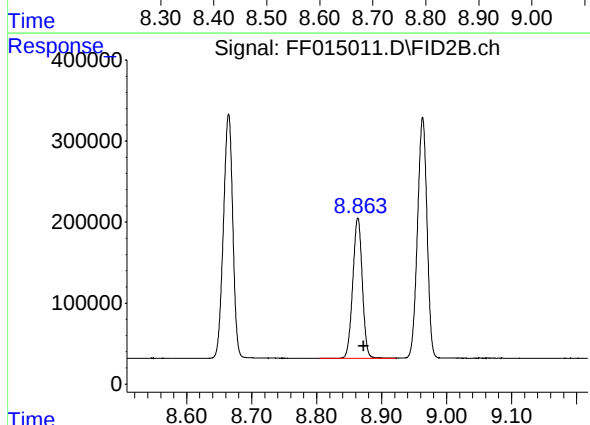
R.T.: 7.990 min
Delta R.T.: -0.007 min
Response: 2651225
Conc: 19.92 ug/ml



#5 Acenaphthylene (C15.06)

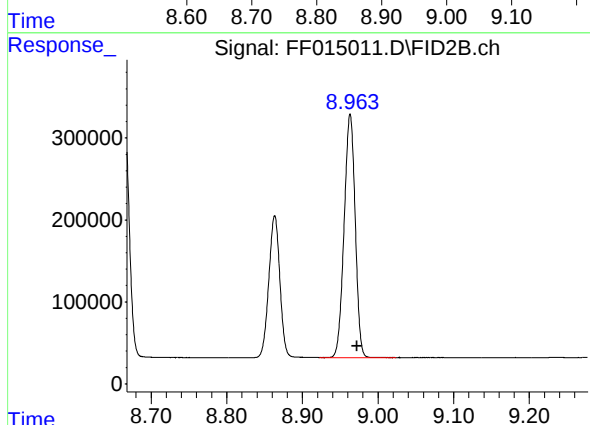
R.T.: 8.664 min
Delta R.T.: -0.008 min
Response: 3019592
Conc: 19.86 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



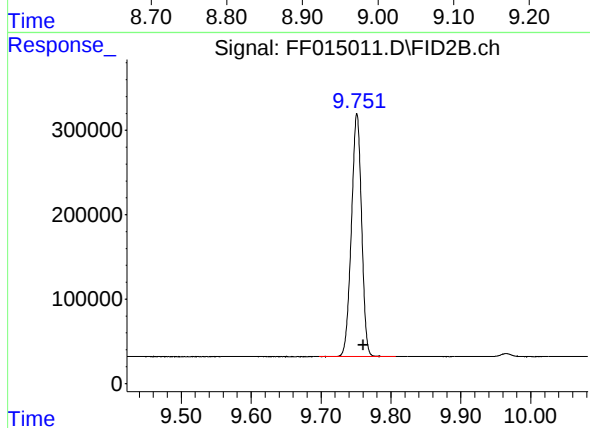
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.863 min
Delta R.T.: -0.009 min
Response: 1759475
Conc: 19.73 ug/ml



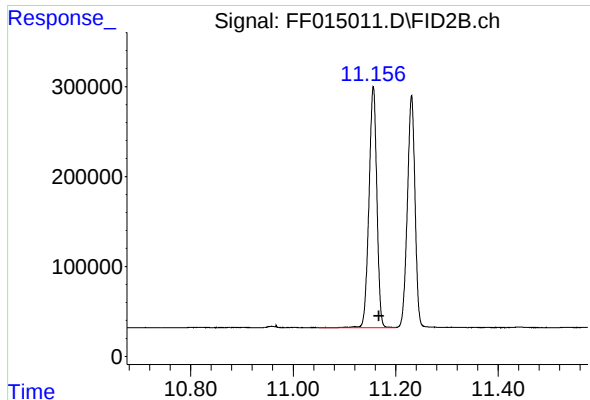
#7 Acenaphthene (C15.5)

R.T.: 8.963 min
Delta R.T.: -0.009 min
Response: 3020475
Conc: 19.91 ug/ml



#8 Fluorene (C16.55)

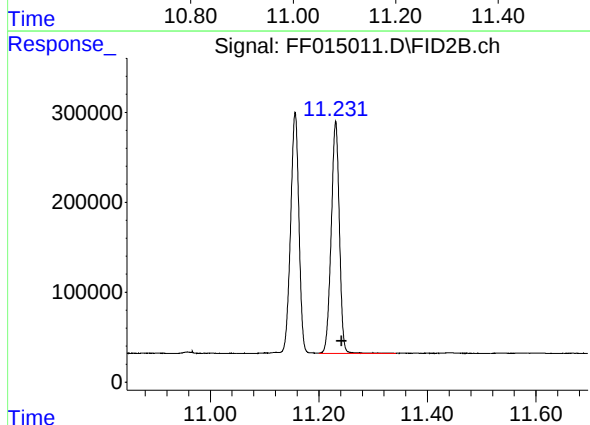
R.T.: 9.751 min
Delta R.T.: -0.009 min
Response: 2913929
Conc: 19.64 ug/ml



#9 Phenanthrene (C19.36)

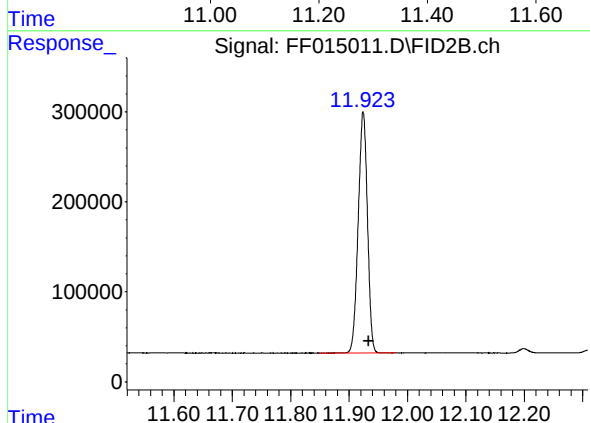
R.T.: 11.156 min
Delta R.T.: -0.011 min
Response: 2858651
Conc: 19.71 ug/ml

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20 PPM AROMATIC HC STD



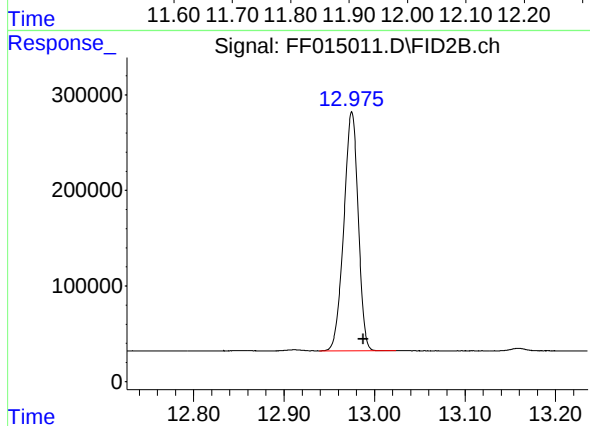
#10 Anthracene (C19.43)

R.T.: 11.231 min
Delta R.T.: -0.011 min
Response: 2691379
Conc: 19.61 ug/ml



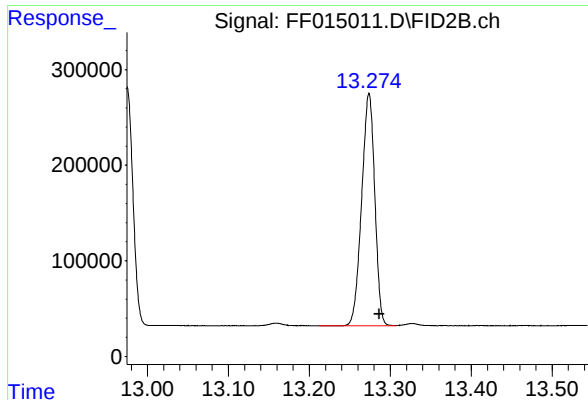
#11 ortho-Terphenyl (SURR)

R.T.: 11.924 min
Delta R.T.: -0.009 min
Response: 2941444
Conc: 19.97 ug/ml



#12 Fluoranthene (C21.85)

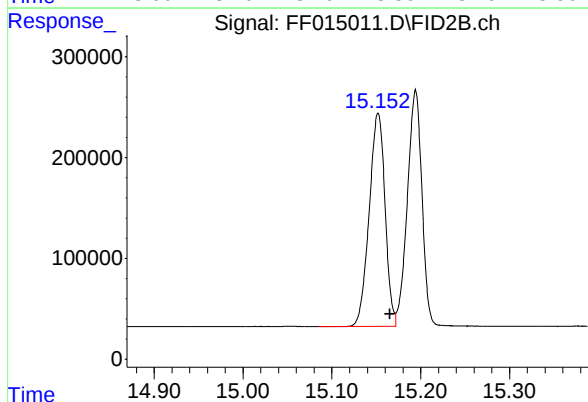
R.T.: 12.975 min
Delta R.T.: -0.013 min
Response: 2766067
Conc: 19.79 ug/ml



#13 Pyrene (C20.8)

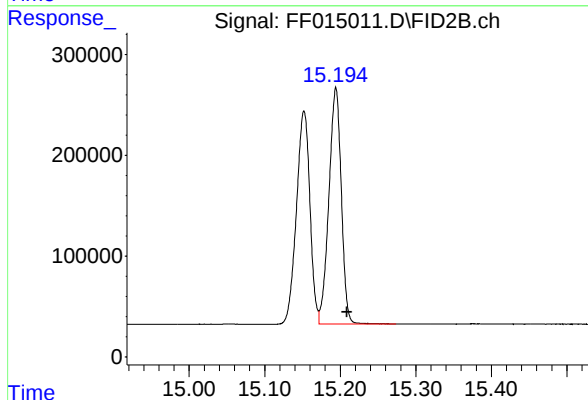
R.T.: 13.274 min
Delta R.T.: -0.013 min
Response: 2734532
Conc: 19.85 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



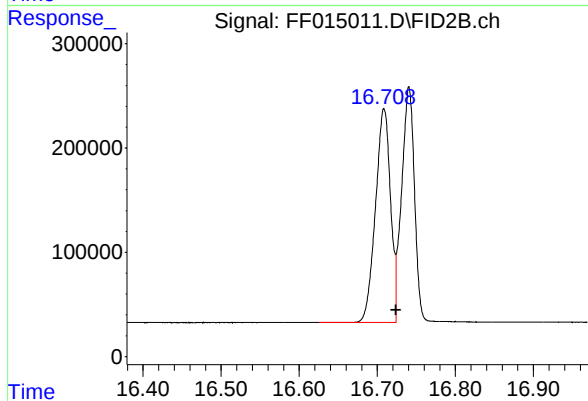
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.152 min
Delta R.T.: -0.013 min
Response: 2623387
Conc: 19.66 ug/ml



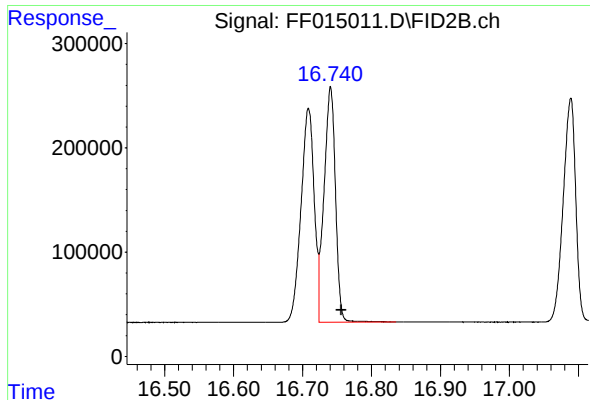
#15 Chrysene (C27.41)

R.T.: 15.194 min
Delta R.T.: -0.015 min
Response: 2679657
Conc: 19.74 ug/ml



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

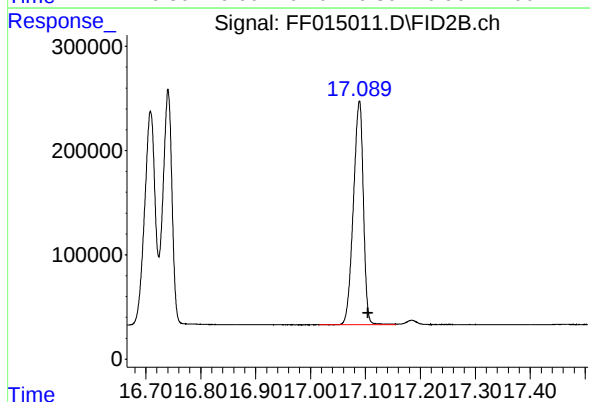
R.T.: 16.708 min
Delta R.T.: -0.015 min
Response: 2730427
Conc: 19.86 ug/ml



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

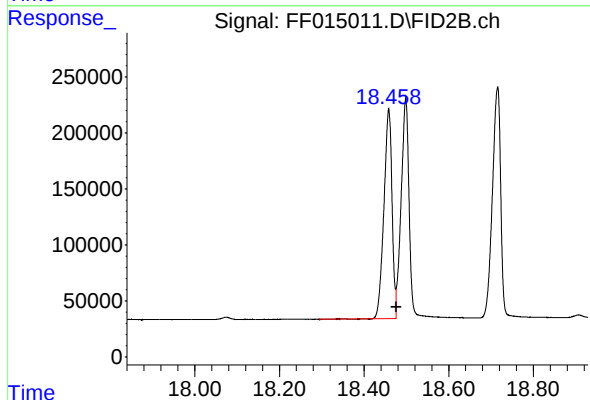
R.T.: 16.740 min
Delta R.T.: -0.015 min
Response: 2594723
Conc: 20.17 ug/ml

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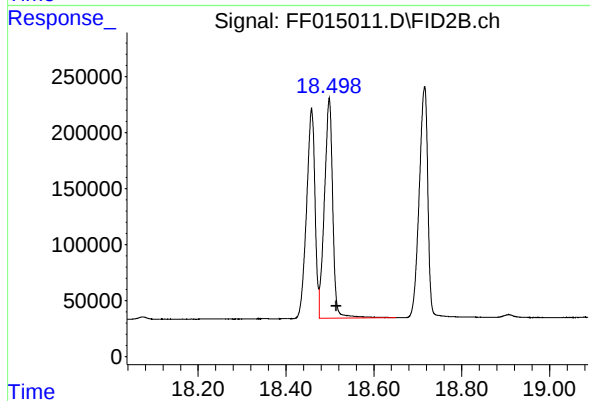
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.089 min
Delta R.T.: -0.016 min
Response: 2718080
Conc: 20.05 ug/ml



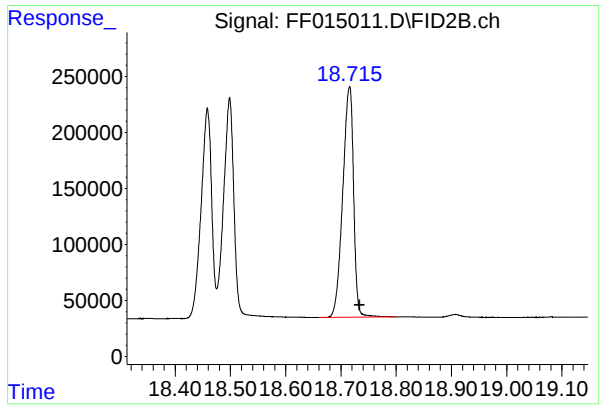
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.458 min
Delta R.T.: -0.018 min
Response: 2487683
Conc: 18.10 ug/ml



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

R.T.: 18.498 min
Delta R.T.: -0.016 min
Response: 2601761
Conc: 17.59 ug/ml



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

R.T.: 18.715 min
Delta R.T.: -0.019 min
Response: 2806641
Conc: 19.18 ug/ml

Instrument :

FID_F

ClientSampleId :

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