

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG102324AR\
 Data File : FG014494.D
 Signal(s) : FID1A.ch
 Acq On : 22 Oct 2024 23:06
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/23/2024
 Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e
 Quant Time: Oct 23 03:44:36 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aromatic EPH 102124.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 04:38:07 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...	8.031	2628706	20.940 ug/ml
Spiked Amount 50.000		Recovery =	41.88%
6) S 2-Fluorobiphenyl (SURR)	8.906	1802344	20.925 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.85%
11) S ortho-Terphenyl (SURR)	11.977	3067860	20.721 ug/ml
Spiked Amount 50.000		Recovery =	41.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.635	2867389	21.163 ug/ml
2) T Naphthalene (C11.7)	6.306	3030387	21.117 ug/ml
3) T 2-Methylnaphthalene (...)	7.403	3081695	21.101 ug/ml
5) T Acenaphthylene (C15.06)	8.707	3042177	20.895 ug/ml
7) T Acenaphthene (C15.5)	9.007	3034916	20.971 ug/ml
8) T Fluorene (C16.55)	9.796	3025464	20.884 ug/ml
9) T Phenanthrene (C19.36)	11.205	3049872	20.721 ug/ml
10) T Anthracene (C19.43)	11.280	2874772	20.500 ug/ml
12) T Fluoranthene (C21.85)	13.027	3054748	20.655 ug/ml
13) T Pyrene (C20.8)	13.326	3028646	20.601 ug/ml
14) T Benzo[a]anthracene (C...	15.207	2966705	20.486 ug/ml
15) T Chrysene (C27.41)	15.249	3018443	20.578 ug/ml
16) T benzo[b]fluoranthene ...	16.763	2986823	20.308 ug/ml
17) T Bnezo[k]fluoranthene ...	16.795	2807198	20.341 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.142	2875899	20.166 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.511	2637498	19.761 ug/ml
20) T Dibenz[a,h]anthracene...	18.552	2883140	20.660 ug/ml
21) T Benzo[g,h,i]perylene ...	18.769	2769560	19.907 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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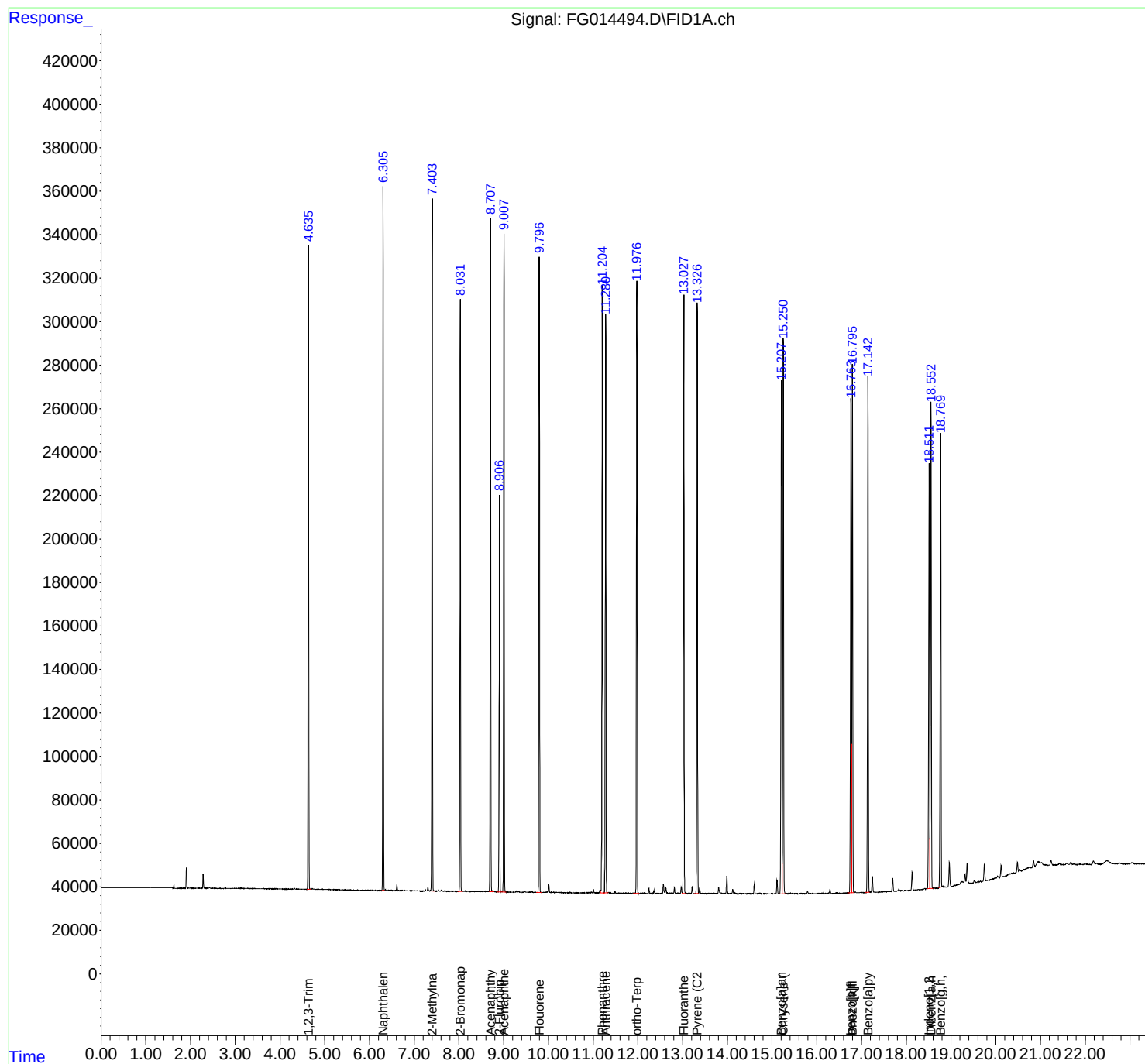
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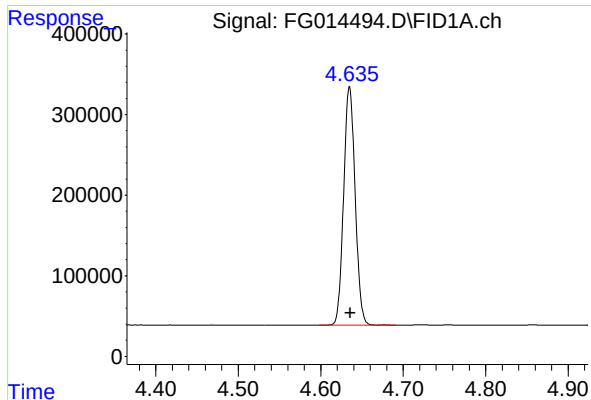
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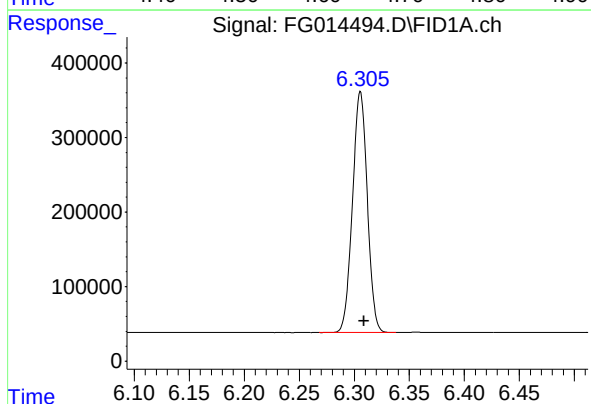
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.635 min
Delta R.T.: -0.001 min
Response: 2867389
Conc: 21.16 ug/ml

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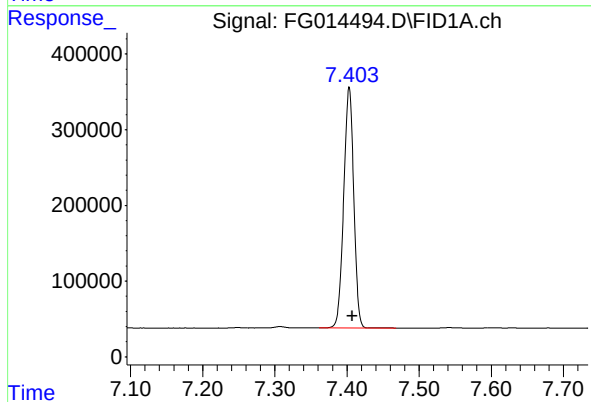
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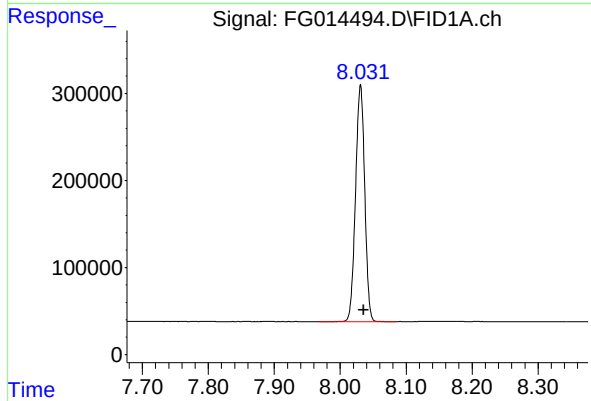
#2 Naphthalene (C11.7)

R.T.: 6.306 min
Delta R.T.: -0.003 min
Response: 3030387
Conc: 21.12 ug/ml



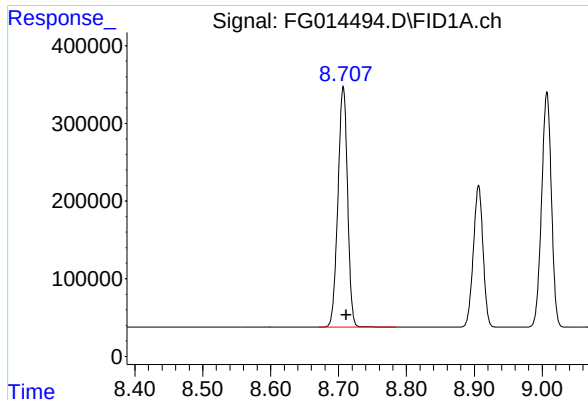
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.403 min
Delta R.T.: -0.004 min
Response: 3081695
Conc: 21.10 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 8.031 min
Delta R.T.: -0.005 min
Response: 2628706
Conc: 20.94 ug/ml



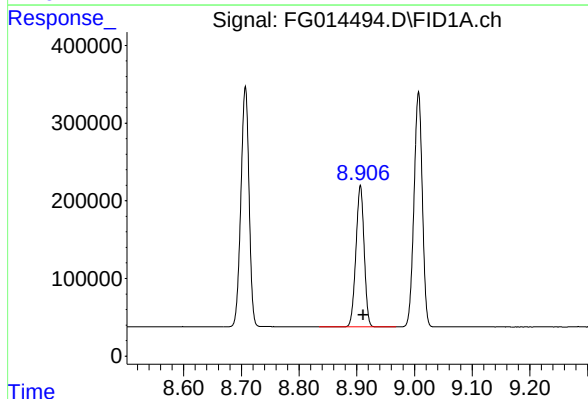
#5 Acenaphthylene (C15.06)

R.T.: 8.707 min
Delta R.T.: -0.005 min
Response: 3042177
Conc: 20.89 ug/ml

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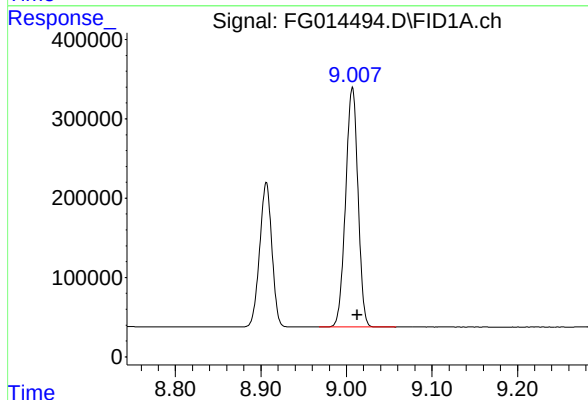
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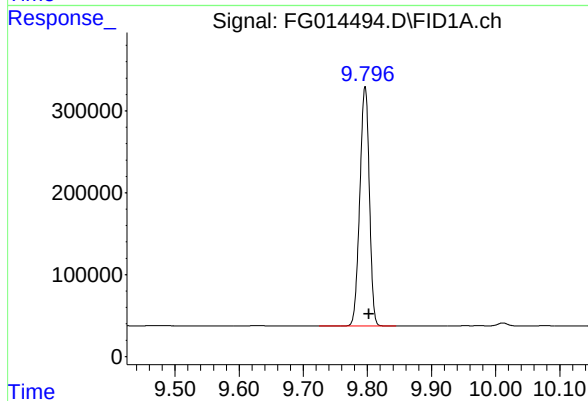
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.906 min
Delta R.T.: -0.005 min
Response: 1802344
Conc: 20.92 ug/ml



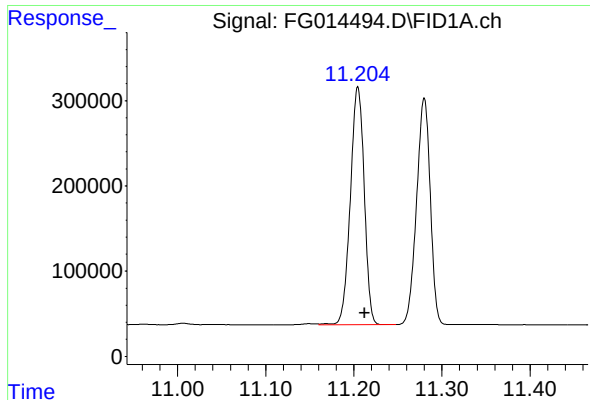
#7 Acenaphthene (C15.5)

R.T.: 9.007 min
Delta R.T.: -0.006 min
Response: 3034916
Conc: 20.97 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.796 min
Delta R.T.: -0.006 min
Response: 3025464
Conc: 20.88 ug/ml



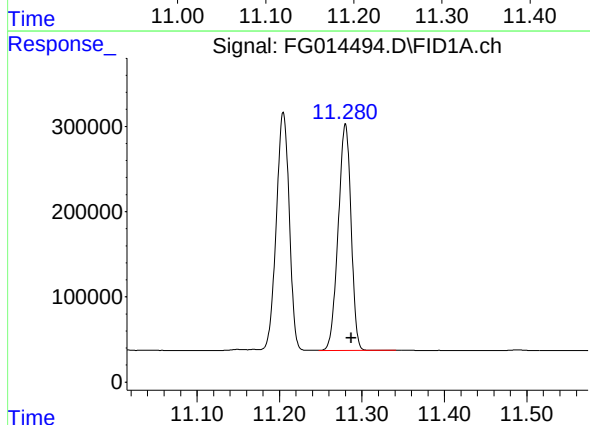
#9 Phenanthrene (C19.36)

R.T.: 11.205 min
Delta R.T.: -0.008 min
Response: 3049872
Conc: 20.72 ug/ml

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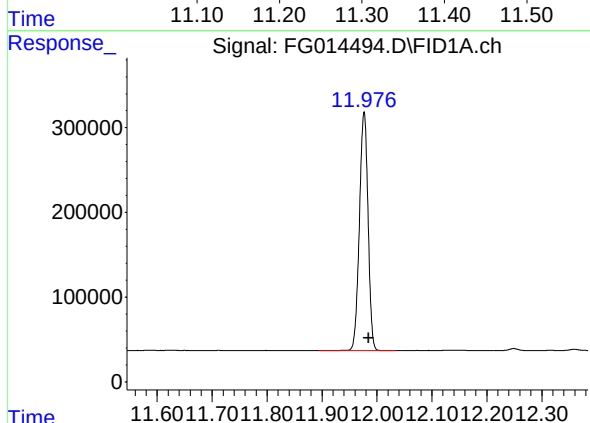
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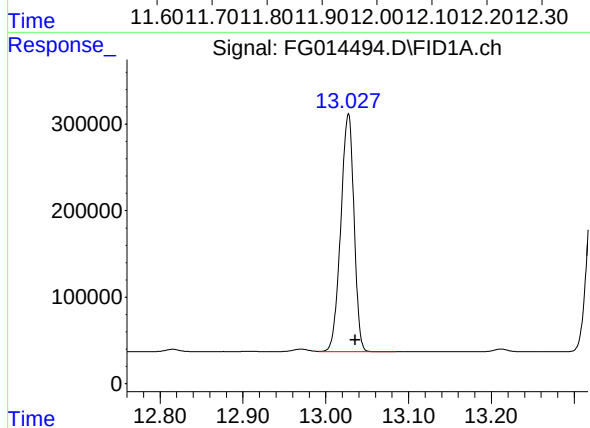
#10 Anthracene (C19.43)

R.T.: 11.280 min
Delta R.T.: -0.007 min
Response: 2874772
Conc: 20.50 ug/ml



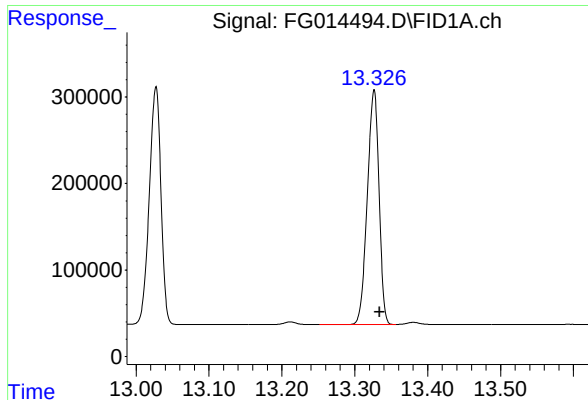
#11 ortho-Terphenyl (SURR)

R.T.: 11.977 min
Delta R.T.: -0.008 min
Response: 3067860
Conc: 20.72 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 13.027 min
Delta R.T.: -0.009 min
Response: 3054748
Conc: 20.66 ug/ml



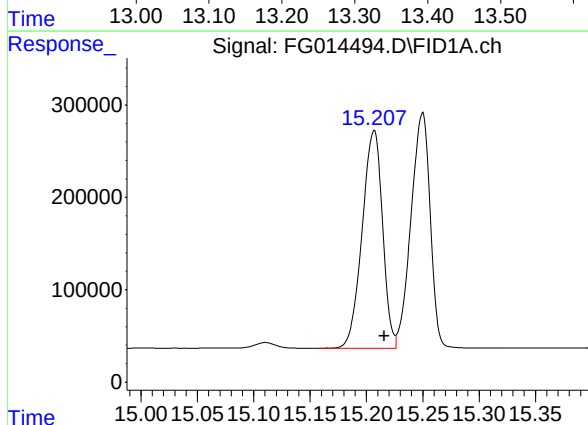
#13 Pyrene (C20.8)

R.T.: 13.326 min
Delta R.T.: -0.008 min
Response: 3028646
Conc: 20.60 ug/ml

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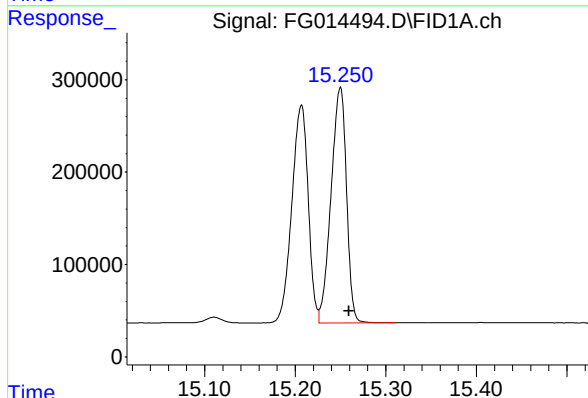
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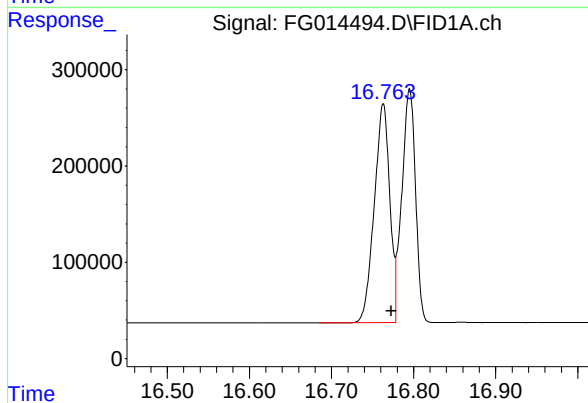
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.207 min
Delta R.T.: -0.009 min
Response: 2966705
Conc: 20.49 ug/ml



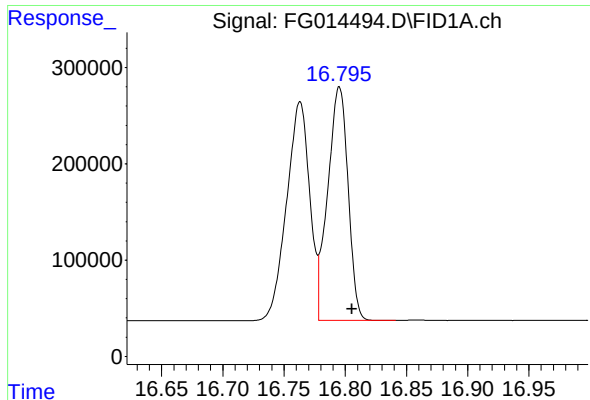
#15 Chrysene (C27.41)

R.T.: 15.249 min
Delta R.T.: -0.010 min
Response: 3018443
Conc: 20.58 ug/ml



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

R.T.: 16.763 min
Delta R.T.: -0.010 min
Response: 2986823
Conc: 20.31 ug/ml



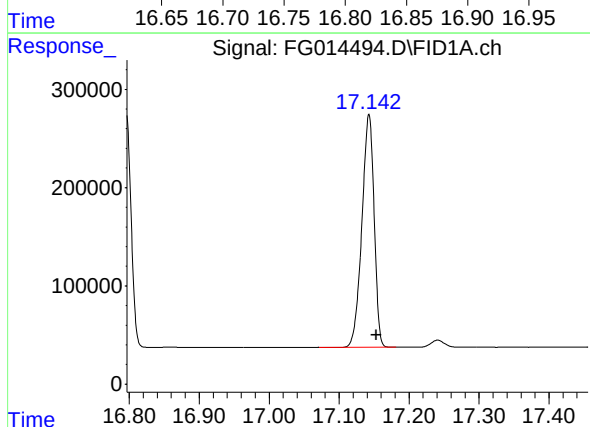
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.795 min
Delta R.T.: -0.010 min
Response: 2807198
Conc: 20.34 ug/ml

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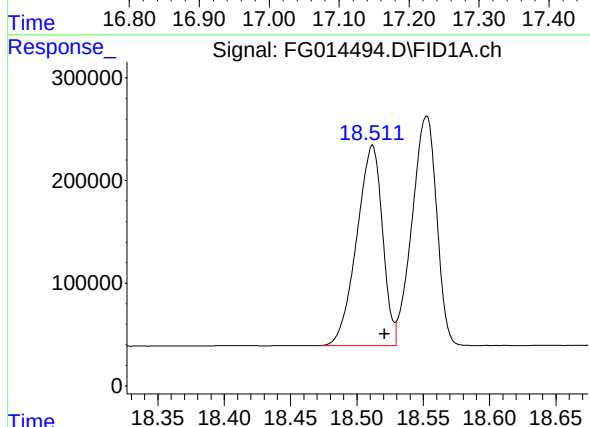
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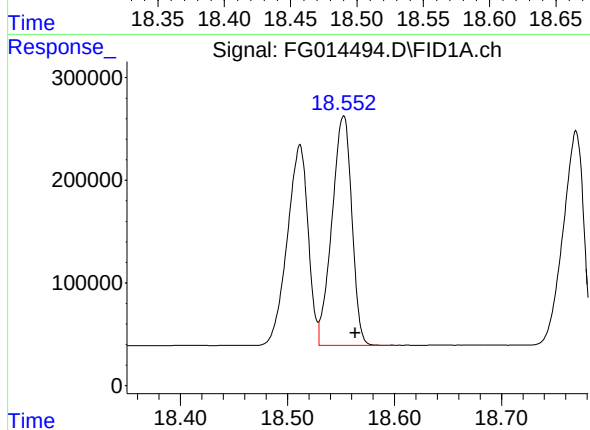
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.142 min
Delta R.T.: -0.011 min
Response: 2875899
Conc: 20.17 ug/ml



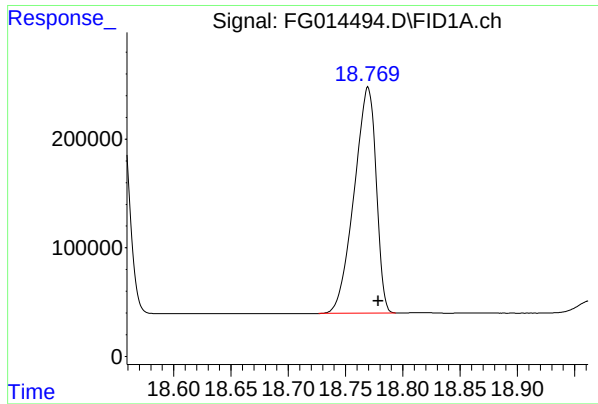
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.511 min
Delta R.T.: -0.010 min
Response: 2637498
Conc: 19.76 ug/ml



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

R.T.: 18.552 min
Delta R.T.: -0.011 min
Response: 2883140
Conc: 20.66 ug/ml



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

R.T.: 18.769 min
Delta R.T.: -0.009 min
Response: 2769560
Conc: 19.91 ug/ml

Instrument :

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