

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070721AR\
 Data File : FD038091.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jul 2021 20:33
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jul 08 02:10:47 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:27:43 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.522	2701621	20.729 ug/ml
Spiked Amount 50.000		Recovery =	41.46%
6) S 2-Fluorobiphenyl (SURR)	8.382	1850016	20.906 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.81%
11) S ortho-Terphenyl (SURR)	11.418	3093590	20.413 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.327	2927596	20.669 ug/ml
2) T Naphthalene (C11.7)	5.860	3089159	20.895 ug/ml
3) T 2-Methylnaphthalene (...)	6.911	3062345	20.866 ug/ml
5) T Acenaphthylene (C15.06)	8.184	3055208	20.481 ug/ml
7) T Acenaphthene (C15.5)	8.479	3178283	20.527 ug/ml
8) T Fluorene (C16.55)	9.259	3036157	20.712 ug/ml
9) T Phenanthrene (C19.36)	10.653	2975930	20.587 ug/ml
10) T Anthracene (C19.43)	10.729	2875931	20.329 ug/ml
12) T Fluoranthene (C21.85)	12.464	2956876	20.410 ug/ml
13) T Pyrene (C20.8)	12.759	2930303	20.565 ug/ml
14) T Benzo[a]anthracene (C...	14.631	2648967	20.747 ug/ml
15) T Chrysene (C27.41)	14.672	2876730	20.320 ug/ml
16) T benzo[b]fluoranthene ...	16.181	2568903	20.600 ug/ml
17) T Bnezo[k]fluoranthene ...	16.212	2649731	20.199 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.558	2357482	20.097 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.925	2093696	20.228 ug/ml
20) T Dibenz[a,h]anthracene...	17.962	2454476	20.824 ug/ml
21) T Benzo[g,h,i]perylene ...	18.177	2202934	20.182 ug/ml

(f)=RT Delta > 1/2 Window

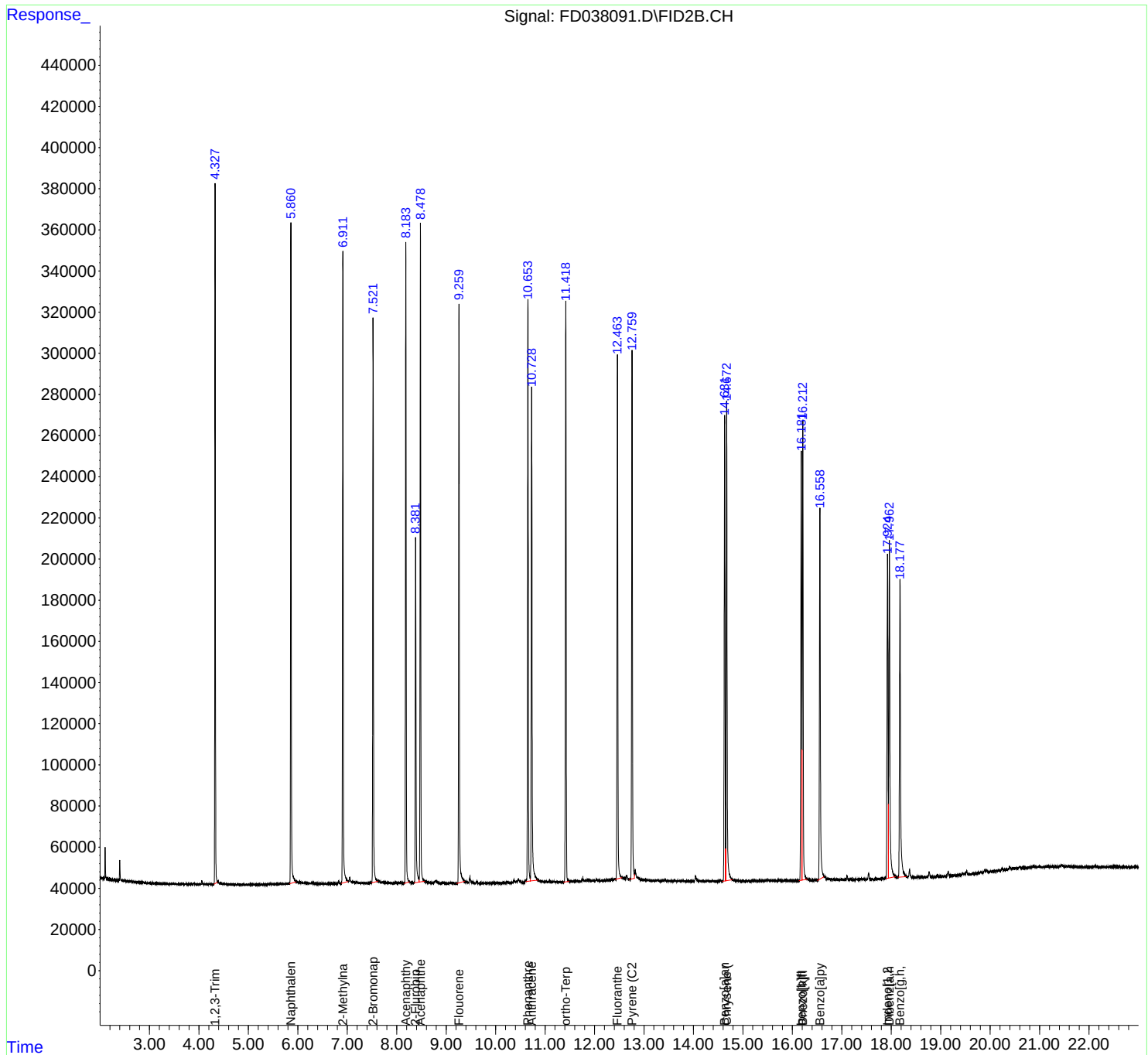
(m)=manual int.

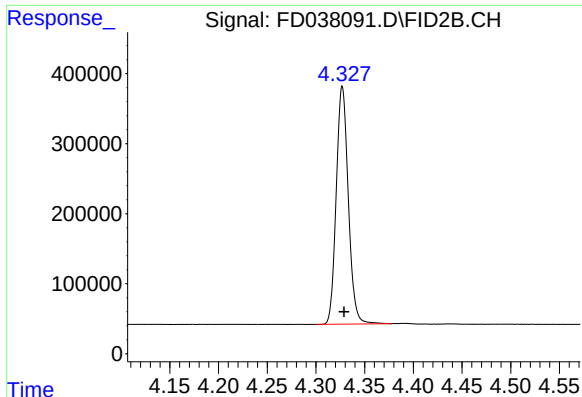
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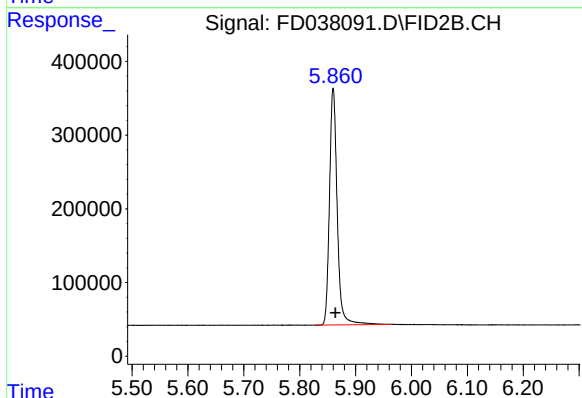




#1 1,2,3-Trimethylbenzene (C10.1)

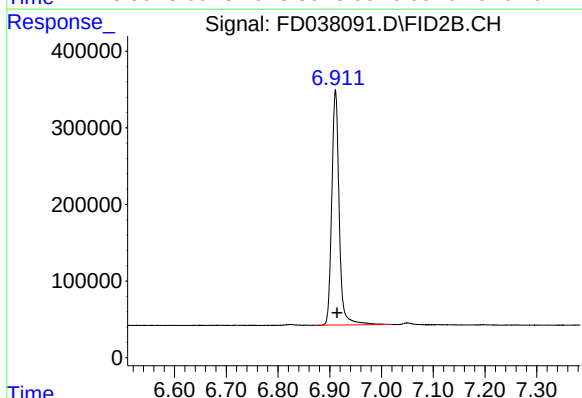
R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 2927596
Conc: 20.67 ug/ml

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20 PPM AROMATIC HC STD



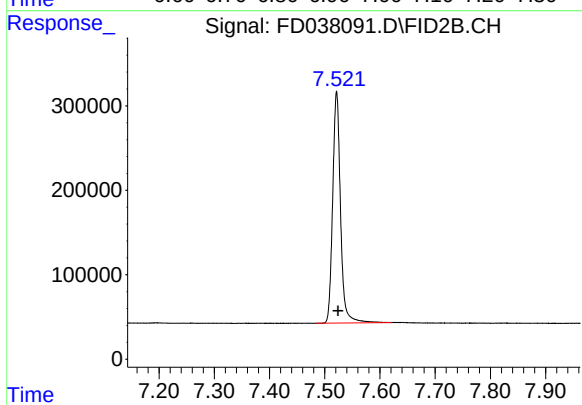
#2 Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.004 min
Response: 3089159
Conc: 20.89 ug/ml



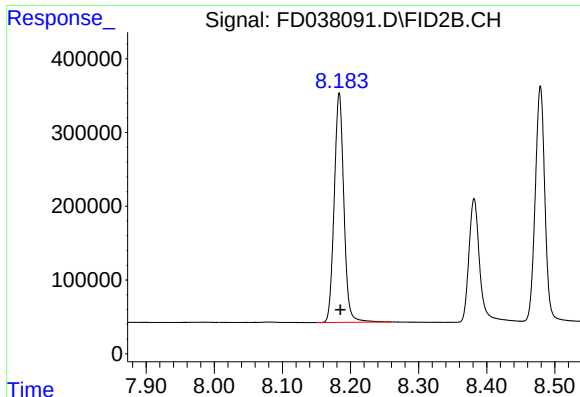
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.911 min
Delta R.T.: -0.003 min
Response: 3062345
Conc: 20.87 ug/ml



#4 2-Bromonaphthalene (SURR)

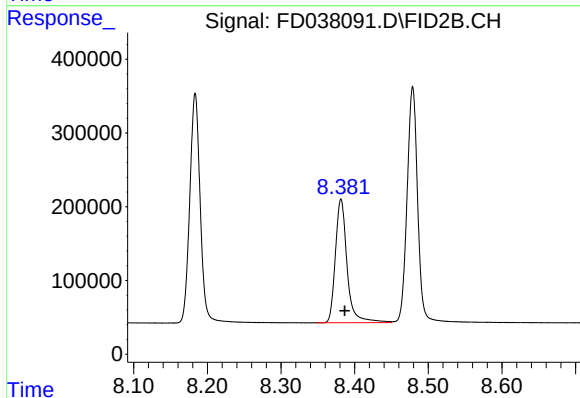
R.T.: 7.522 min
Delta R.T.: -0.003 min
Response: 2701621
Conc: 20.73 ug/ml



#5 Acenaphthylene (C15.06)

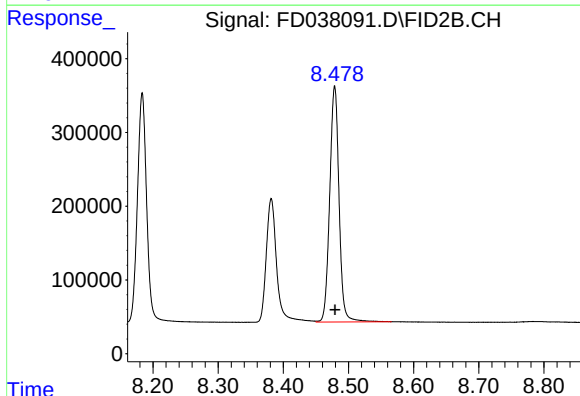
R.T.: 8.184 min
Delta R.T.: -0.002 min
Response: 3055208
Conc: 20.48 ug/ml

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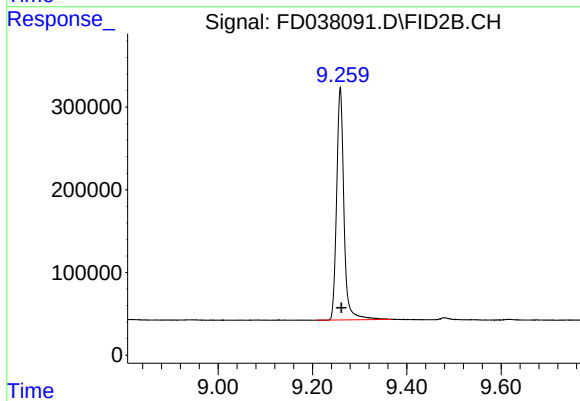
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.382 min
Delta R.T.: -0.005 min
Response: 1850016
Conc: 20.91 ug/ml



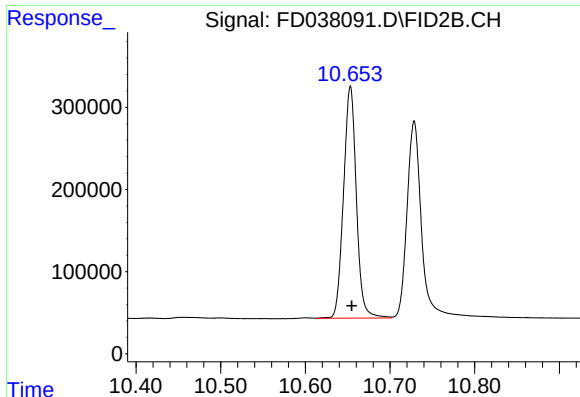
#7 Acenaphthene (C15.5)

R.T.: 8.479 min
Delta R.T.: 0.000 min
Response: 3178283
Conc: 20.53 ug/ml



#8 Fluorene (C16.55)

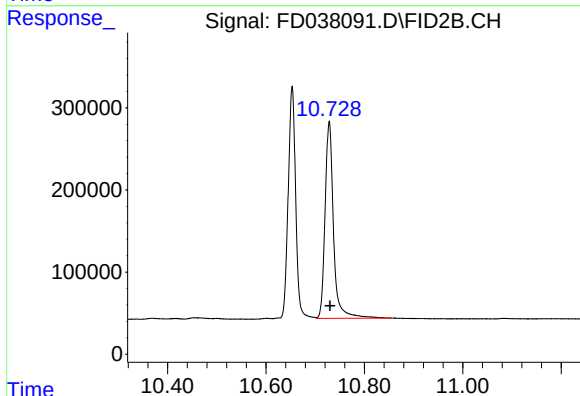
R.T.: 9.259 min
Delta R.T.: -0.002 min
Response: 3036157
Conc: 20.71 ug/ml



#9 Phenanthrene (C19.36)

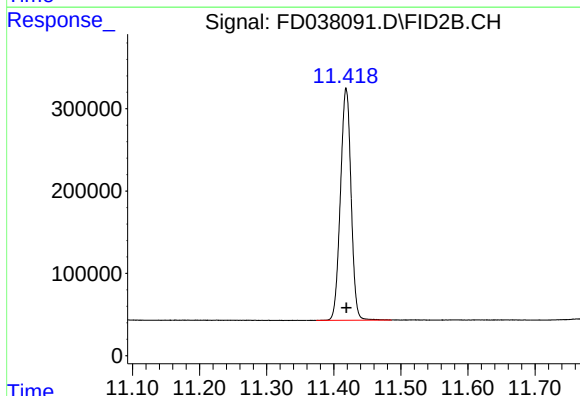
R.T.: 10.653 min
Delta R.T.: -0.001 min
Response: 2975930
Conc: 20.59 ug/ml

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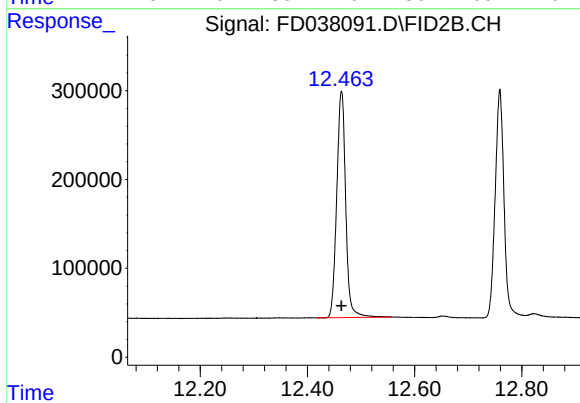
#10 Anthracene (C19.43)

R.T.: 10.729 min
Delta R.T.: -0.002 min
Response: 2875931
Conc: 20.33 ug/ml



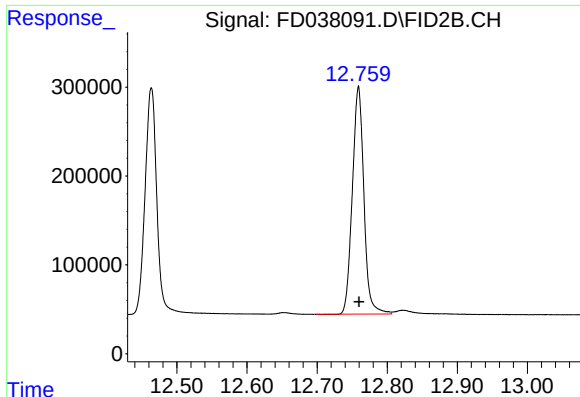
#11 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: 0.000 min
Response: 3093590
Conc: 20.41 ug/ml



#12 Fluoranthene (C21.85)

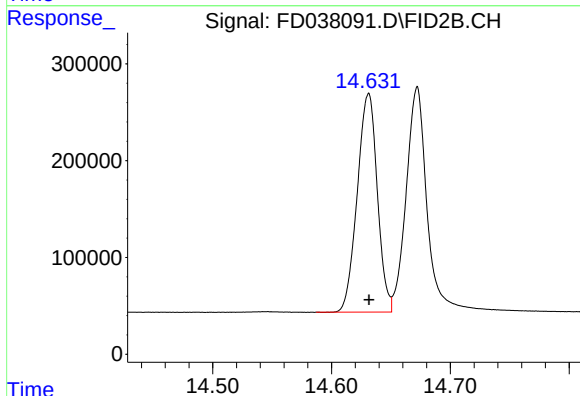
R.T.: 12.464 min
Delta R.T.: 0.000 min
Response: 2956876
Conc: 20.41 ug/ml



#13 Pyrene (C20.8)

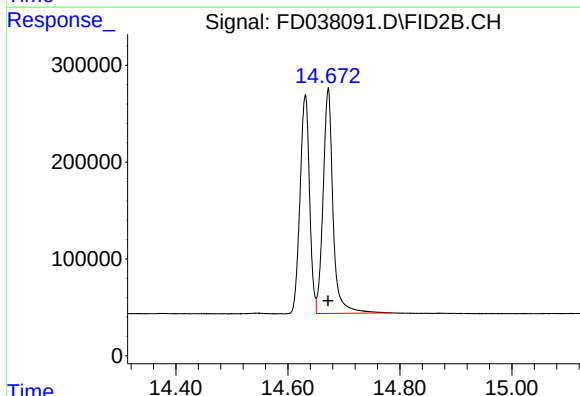
R.T.: 12.759 min
Delta R.T.: 0.000 min
Response: 2930303
Conc: 20.56 ug/ml

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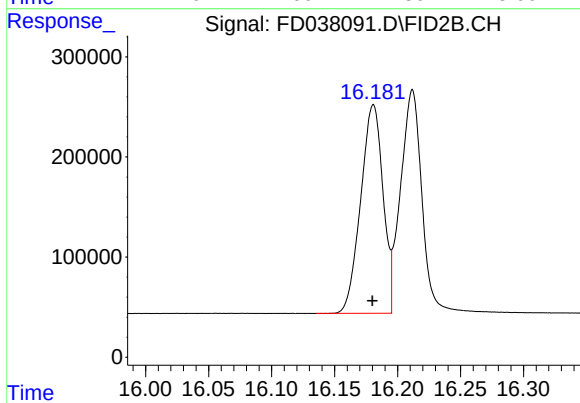
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.631 min
Delta R.T.: 0.000 min
Response: 2648967
Conc: 20.75 ug/ml



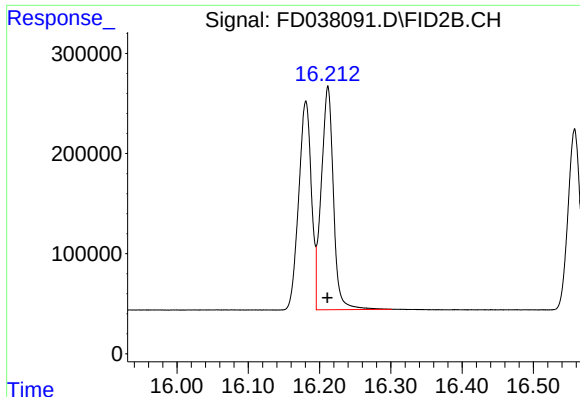
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: 0.000 min
Response: 2876730
Conc: 20.32 ug/ml



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

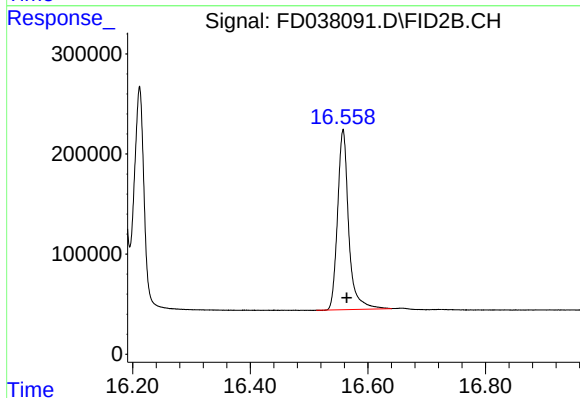
R.T.: 16.181 min
Delta R.T.: 0.000 min
Response: 2568903
Conc: 20.60 ug/ml



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

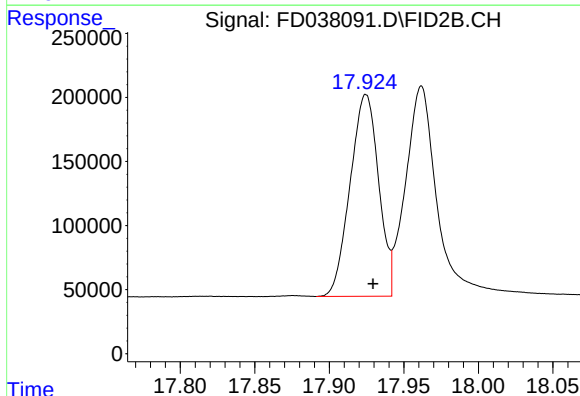
R.T.: 16.212 min
Delta R.T.: 0.000 min
Response: 2649731
Conc: 20.20 ug/ml

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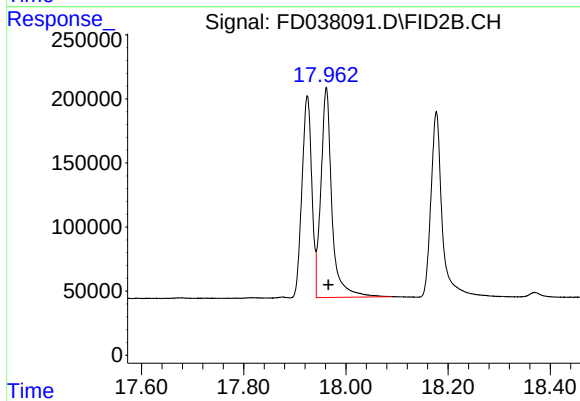
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.558 min
Delta R.T.: -0.006 min
Response: 2357482
Conc: 20.10 ug/ml



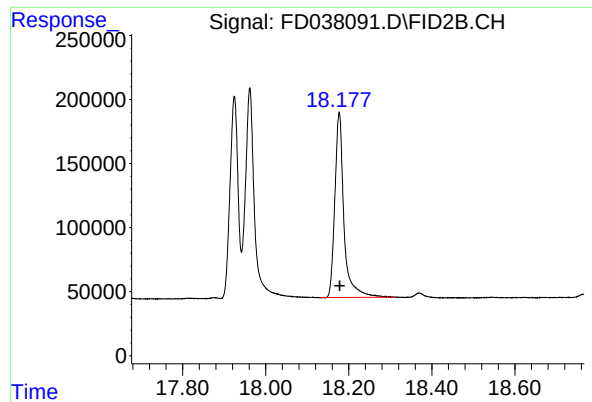
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.925 min
Delta R.T.: -0.005 min
Response: 2093696
Conc: 20.23 ug/ml



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

R.T.: 17.962 min
Delta R.T.: -0.004 min
Response: 2454476
Conc: 20.82 ug/ml



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

R.T.: 18.177 min
Delta R.T.: 0.000 min
Response: 2202934
Conc: 20.18 ug/ml

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