

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041221AR\
 Data File : FD036853.D
 Signal(s) : FID2B.CH
 Acq On : 12 Apr 2021 10:29
 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: Apr 13 01:37:17 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.589	2308634	16.415 ug/ml
Spiked Amount 50.000		Recovery =	32.83%
6) S 2-Fluorobiphenyl (SURR)	8.450	1486745	15.839 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	31.68%
11) S ortho-Terphenyl (SURR)	11.489	2398622	15.705 ug/ml
Spiked Amount 50.000		Recovery =	31.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.388	2541194	17.336 ug/ml
2) T Naphthalene (C11.7)	5.927	2631758	16.745 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	2585583	16.451 ug/ml
5) T Acenaphthylene (C15.06)	8.253	2421952	16.164 ug/ml
7) T Acenaphthene (C15.5)	8.549	2504325	16.132 ug/ml
8) T Flouorene (C16.55)	9.328	2372147	15.756 ug/ml
9) T Phenanthrene (C19.36)	10.723	2246352	15.326 ug/ml
10) T Anthracene (C19.43)	10.797	2188491	15.117 ug/ml
12) T Fluoranthene (C21.85)	12.532	2126917	15.149 ug/ml
13) T Pyrene (C20.8)	12.828	2084697	15.194 ug/ml
14) T Benzo[a]anthracene (C...	14.699	1906694	16.055 ug/ml
15) T Chrysene (C27.41)	14.740	1967465	16.269 ug/ml
16) T benzo[b]fluoranthene ...	16.248	1967675	17.932 ug/ml
17) T Bnezo[k]fluoranthene ...	16.280	1899860	17.873 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.626	1814177	18.203 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.988	1896383	18.866 ug/ml
20) T Dibenz[a,h]anthracene...	18.028	1877502	18.620 ug/ml
21) T Benzo[g,h,i]perylene ...	18.244	1947495	19.221 ug/ml

(f)=RT Delta > 1/2 Window

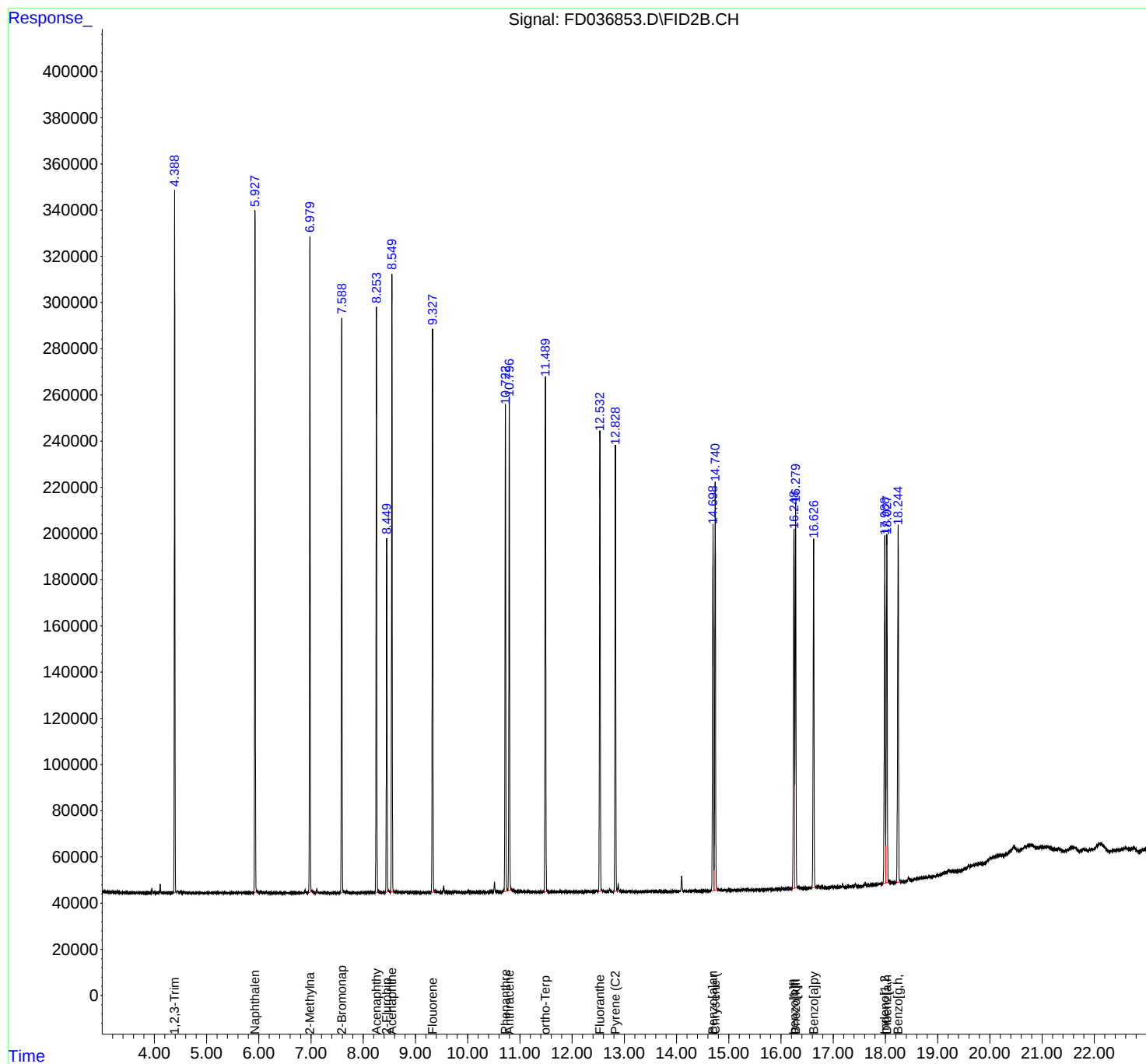
(m)=manual int.

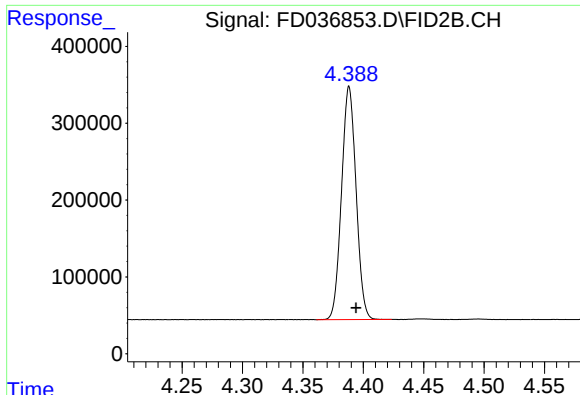
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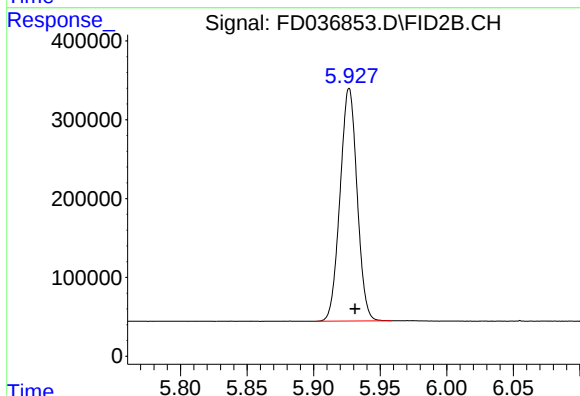




#1 1,2,3-Trimethylbenzene (C10.1)

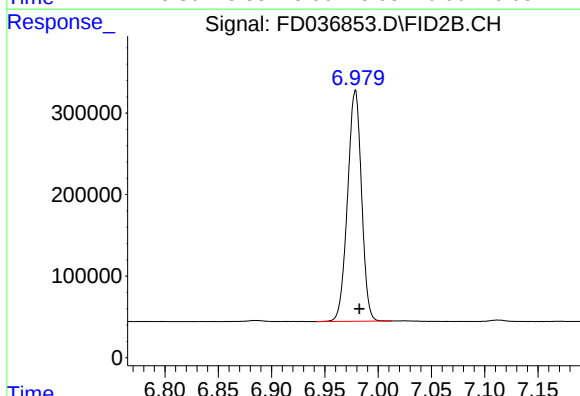
R.T.: 4.388 min
Delta R.T.: -0.006 min
Response: 2541194
Conc: 17.34 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



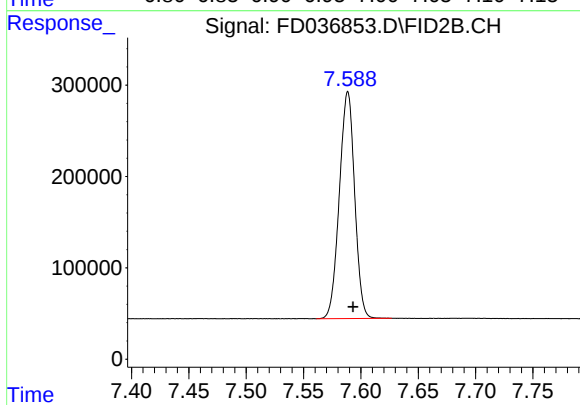
#2 Naphthalene (C11.7)

R.T.: 5.927 min
Delta R.T.: -0.004 min
Response: 2631758
Conc: 16.75 ug/ml



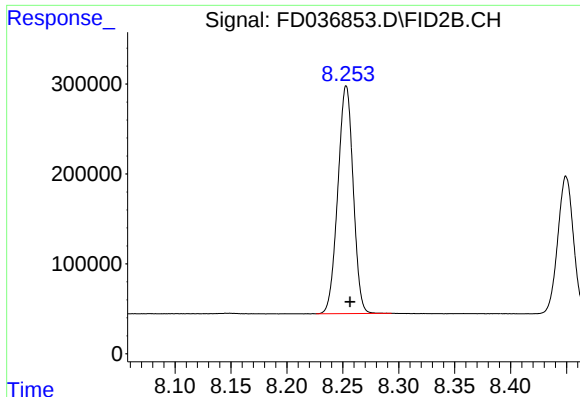
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 2585583
Conc: 16.45 ug/ml



#4 2-Bromonaphthalene (SURR)

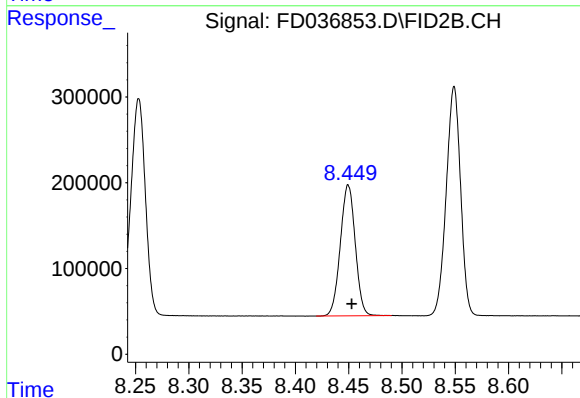
R.T.: 7.589 min
Delta R.T.: -0.005 min
Response: 2308634
Conc: 16.41 ug/ml



#5 Acenaphthylene (C15.06)

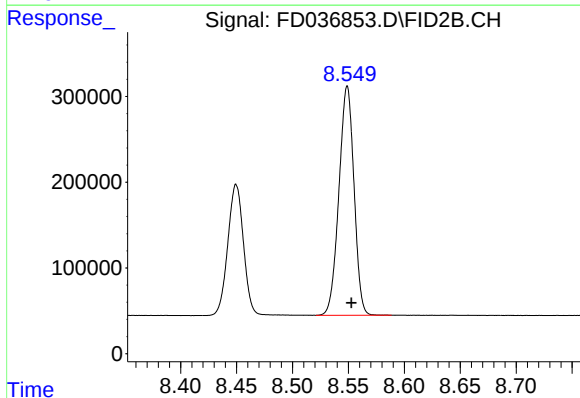
R.T.: 8.253 min
Delta R.T.: -0.003 min
Response: 2421952
Conc: 16.16 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



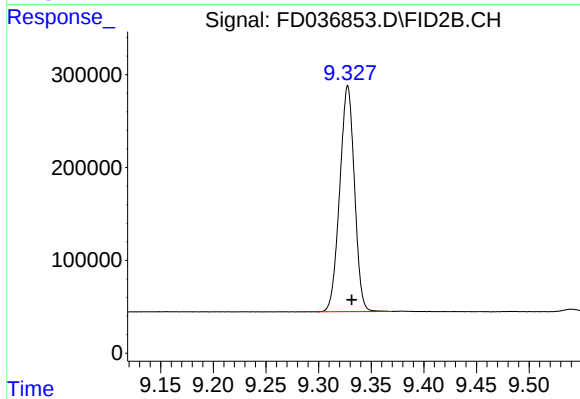
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.450 min
Delta R.T.: -0.003 min
Response: 1486745
Conc: 15.84 ug/ml



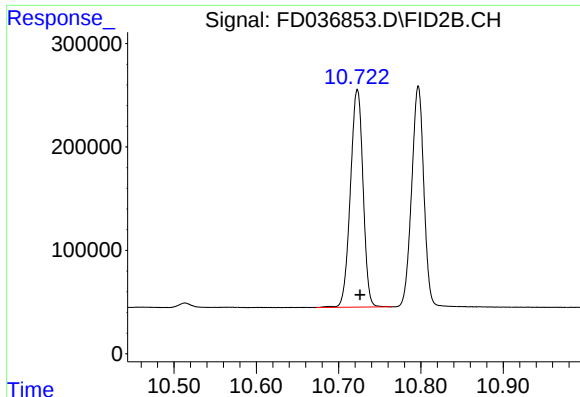
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.004 min
Response: 2504325
Conc: 16.13 ug/ml



#8 Fluorene (C16.55)

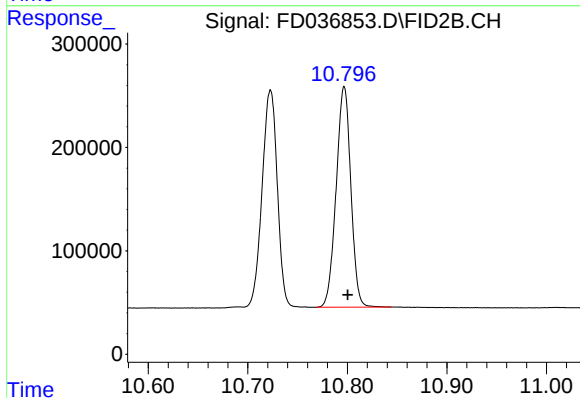
R.T.: 9.328 min
Delta R.T.: -0.004 min
Response: 2372147
Conc: 15.76 ug/ml



#9 Phenanthrene (C19.36)

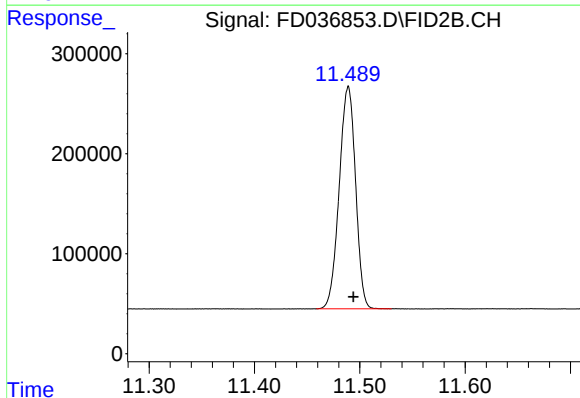
R.T.: 10.723 min
Delta R.T.: -0.003 min
Response: 2246352
Conc: 15.33 ug/ml

Instrument :
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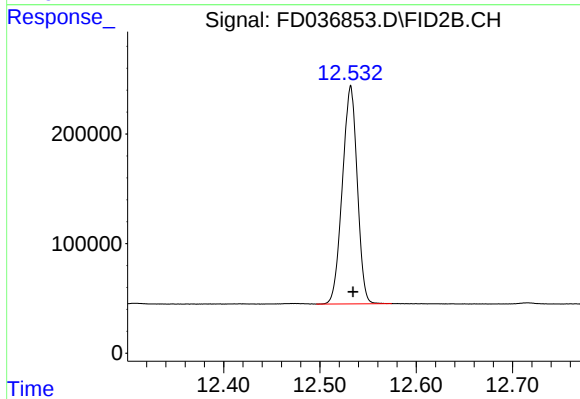
#10 Anthracene (C19.43)

R.T.: 10.797 min
Delta R.T.: -0.003 min
Response: 2188491
Conc: 15.12 ug/ml



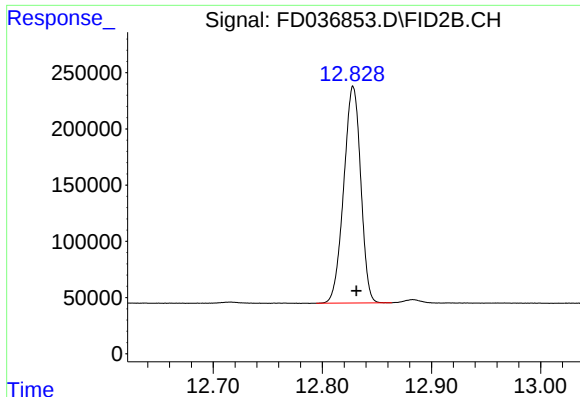
#11 ortho-Terphenyl (SURR)

R.T.: 11.489 min
Delta R.T.: -0.005 min
Response: 2398622
Conc: 15.70 ug/ml



#12 Fluoranthene (C21.85)

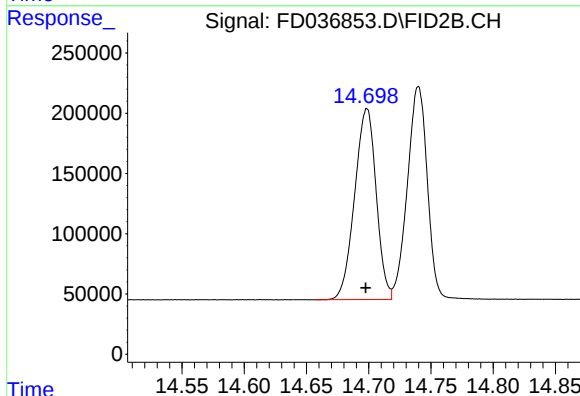
R.T.: 12.532 min
Delta R.T.: -0.002 min
Response: 2126917
Conc: 15.15 ug/ml



#13 Pyrene (C20.8)

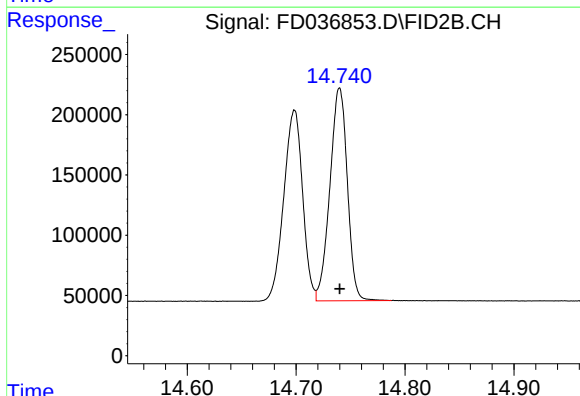
R.T.: 12.828 min
Delta R.T.: -0.003 min
Response: 2084697
Conc: 15.19 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



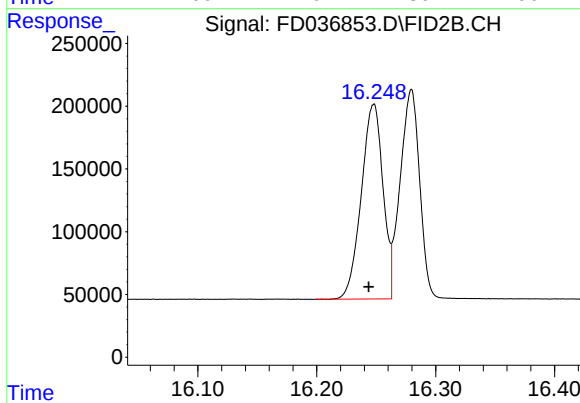
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.699 min
Delta R.T.: 0.000 min
Response: 1906694
Conc: 16.06 ug/ml



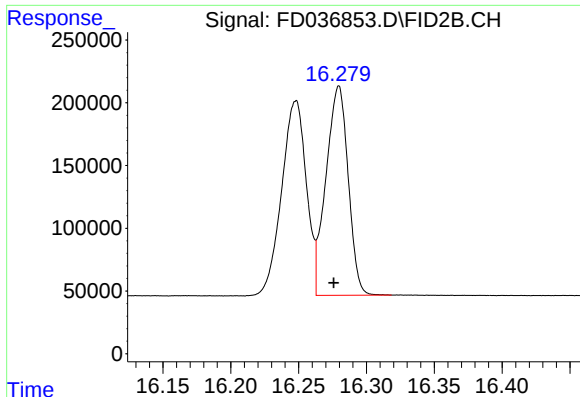
#15 Chrysene (C27.41)

R.T.: 14.740 min
Delta R.T.: 0.000 min
Response: 1967465
Conc: 16.27 ug/ml



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

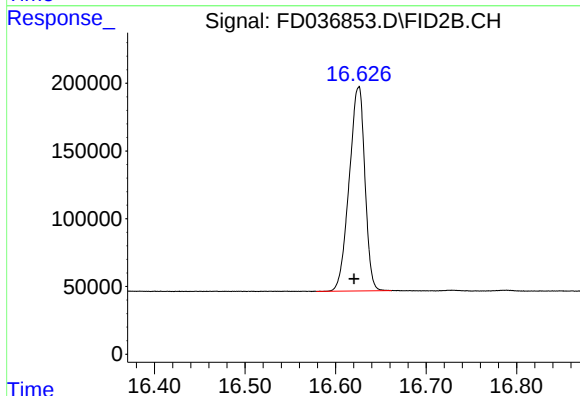
R.T.: 16.248 min
Delta R.T.: 0.004 min
Response: 1967675
Conc: 17.93 ug/ml



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

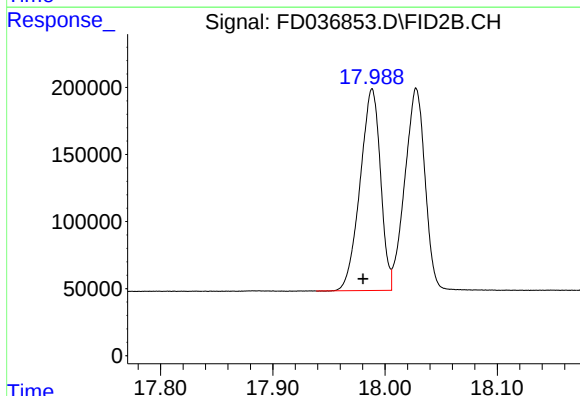
R.T.: 16.280 min
Delta R.T.: 0.004 min
Response: 1899860
Conc: 17.87 ug/ml

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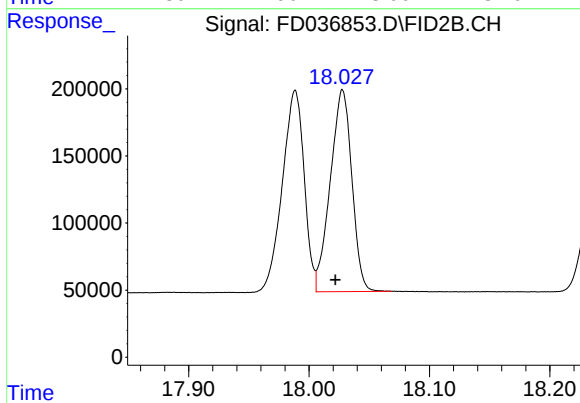
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.626 min
Delta R.T.: 0.005 min
Response: 1814177
Conc: 18.20 ug/ml



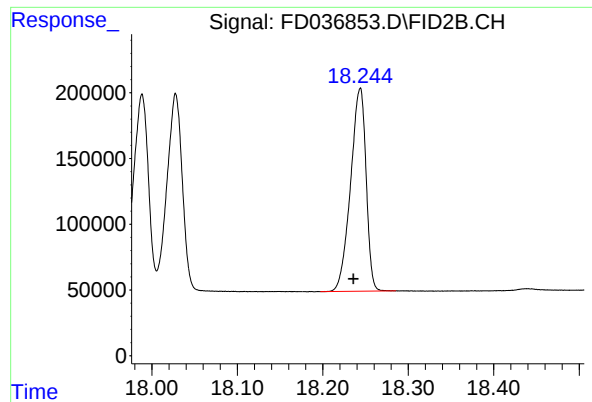
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.988 min
Delta R.T.: 0.008 min
Response: 1896383
Conc: 18.87 ug/ml



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

R.T.: 18.028 min
Delta R.T.: 0.006 min
Response: 1877502
Conc: 18.62 ug/ml



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

R.T.: 18.244 min
Delta R.T.: 0.008 min
Response: 1947495
Conc: 19.22 ug/ml

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