

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042221AR\
 Data File : FD037086.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 19:27
 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 23 02:15:43 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.574	2389754	20.212 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
6) S 2-Fluorobiphenyl (SURR)	8.435	1575607	20.419 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.84%
11) S ortho-Terphenyl (SURR)	11.478	2518846	20.393 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.375	2628627	19.768 ug/ml
2) T Naphthalene (C11.7)	5.912	2740715	19.937 ug/ml
3) T 2-Methylnaphthalene (...)	6.964	2690788	20.065 ug/ml
5) T Acenaphthylene (C15.06)	8.239	2548617	20.376 ug/ml
7) T Acenaphthene (C15.5)	8.535	2618119	20.260 ug/ml
8) T Flouorene (C16.55)	9.315	2506023	20.459 ug/ml
9) T Phenanthrene (C19.36)	10.710	2434585	20.653 ug/ml
10) T Anthracene (C19.43)	10.785	2367752	20.556 ug/ml
12) T Fluoranthene (C21.85)	12.521	2385559	20.455 ug/ml
13) T Pyrene (C20.8)	12.817	2352785	20.437 ug/ml
14) T Benzo[a]anthracene (C...	14.688	2195930	19.952 ug/ml
15) T Chrysene (C27.41)	14.730	2261214	19.975 ug/ml
16) T benzo[b]fluoranthene ...	16.237	2211332	19.715 ug/ml
17) T Bnezo[k]fluoranthene ...	16.269	2147589	19.939 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.614	2036593	19.677 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.977	2102387	19.764 ug/ml
20) T Dibenz[a,h]anthracene...	18.018	2119823	20.288 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	2135309	19.991 ug/ml

(f)=RT Delta > 1/2 Window

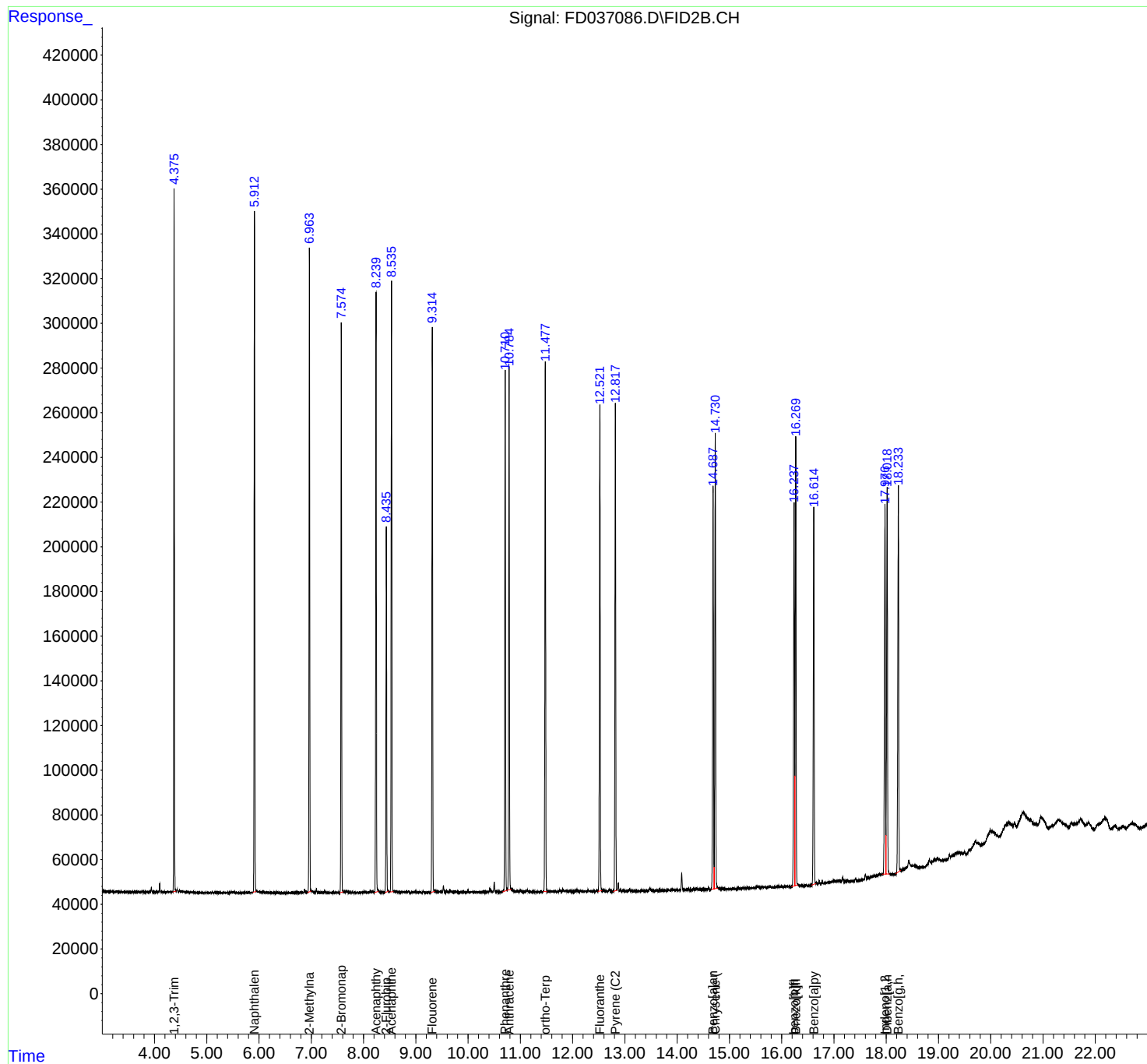
(m)=manual int.

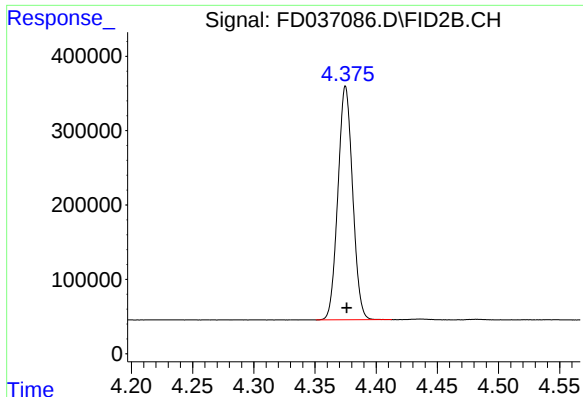
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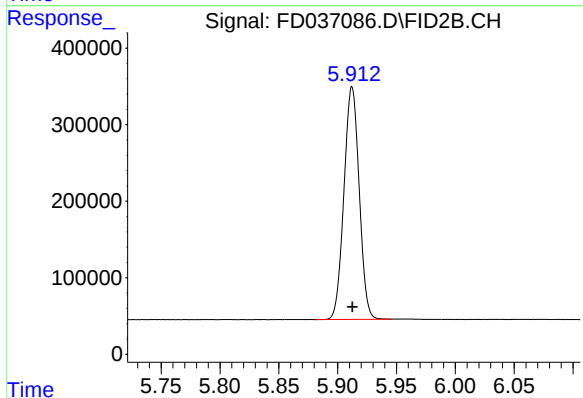




#1 1,2,3-Trimethylbenzene (C10.1)

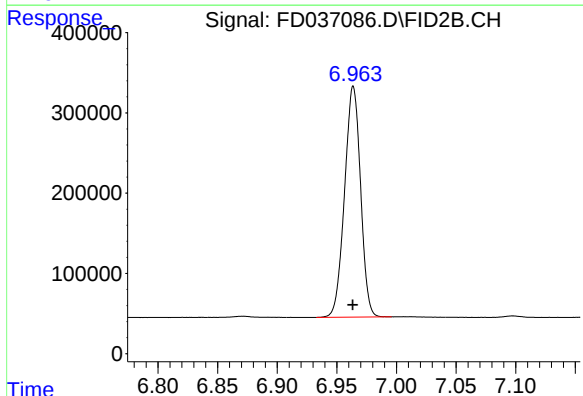
R.T.: 4.375 min
Delta R.T.: 0.000 min
Response: 2628627
Conc: 19.77 ug/ml

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20 PPM AROMATIC HC STD



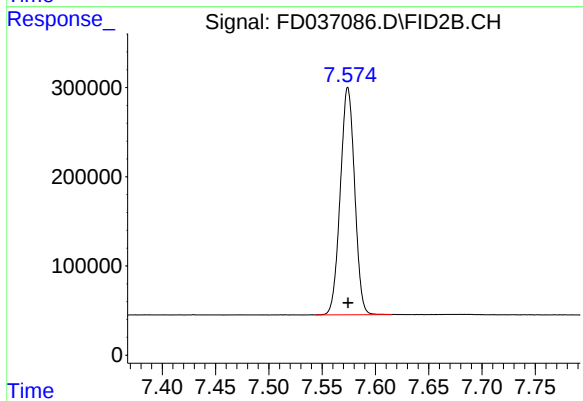
#2 Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 2740715
Conc: 19.94 ug/ml



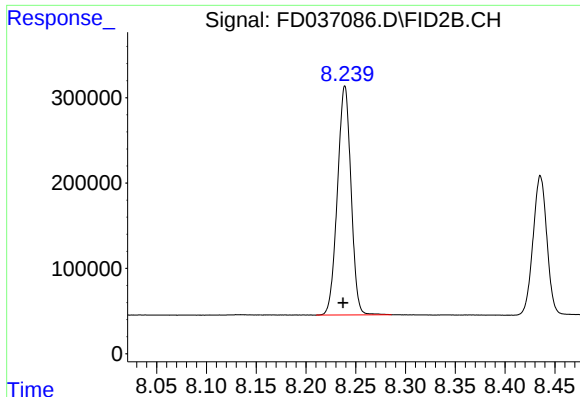
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 2690788
Conc: 20.07 ug/ml



#4 2-Bromonaphthalene (SURR)

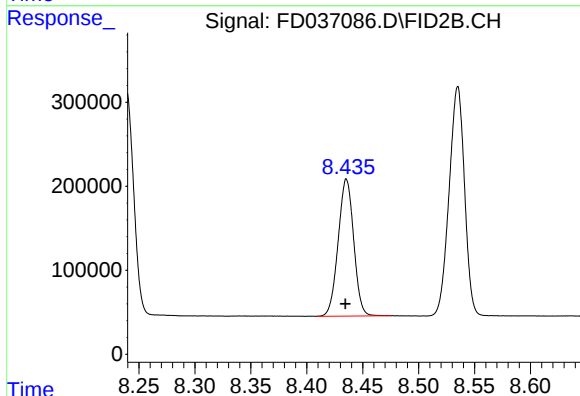
R.T.: 7.574 min
Delta R.T.: 0.000 min
Response: 2389754
Conc: 20.21 ug/ml



#5 Acenaphthylene (C15.06)

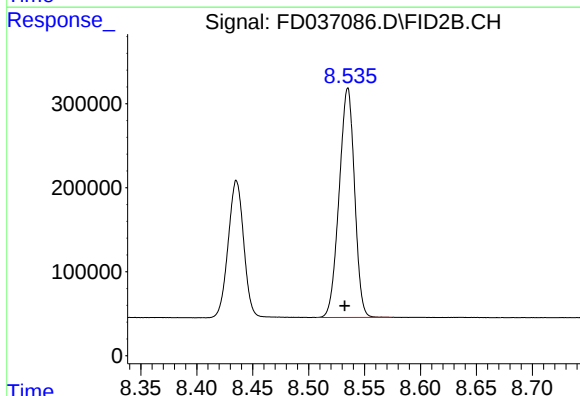
R.T.: 8.239 min
Delta R.T.: 0.002 min
Response: 2548617
Conc: 20.38 ug/ml

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20 PPM AROMATIC HC STD



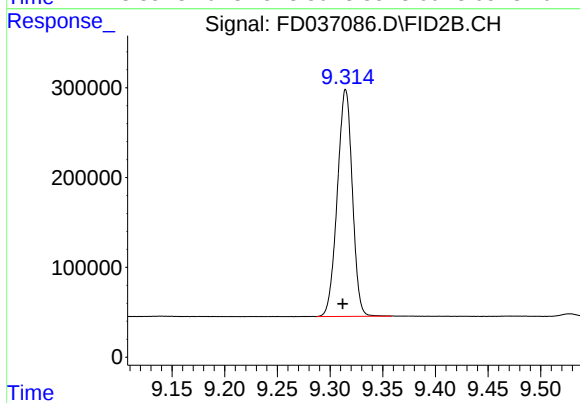
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.435 min
Delta R.T.: 0.001 min
Response: 1575607
Conc: 20.42 ug/ml



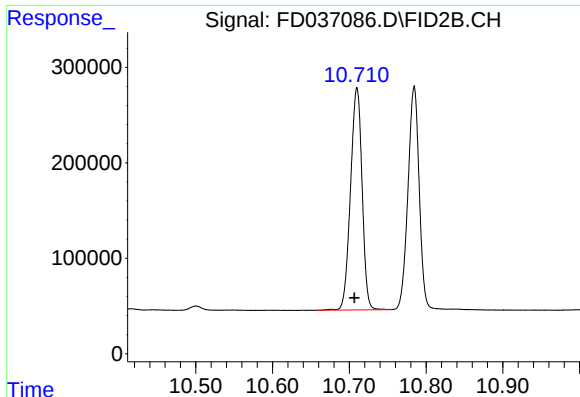
#7 Acenaphthene (C15.5)

R.T.: 8.535 min
Delta R.T.: 0.003 min
Response: 2618119
Conc: 20.26 ug/ml



#8 Flouorene (C16.55)

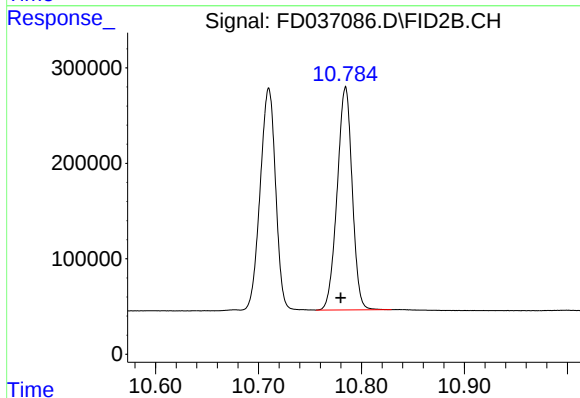
R.T.: 9.315 min
Delta R.T.: 0.003 min
Response: 2506023
Conc: 20.46 ug/ml



#9 Phenanthrene (C19.36)

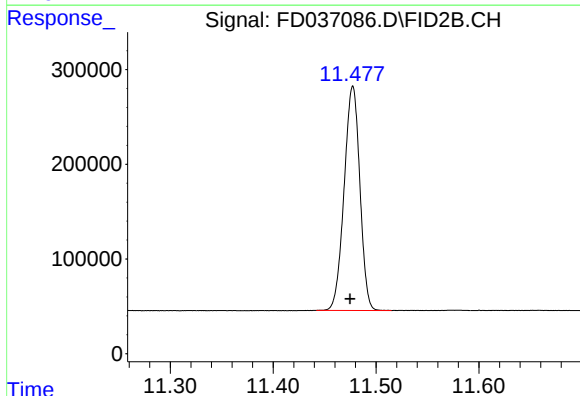
R.T.: 10.710 min
Delta R.T.: 0.003 min
Response: 2434585
Conc: 20.65 ug/ml

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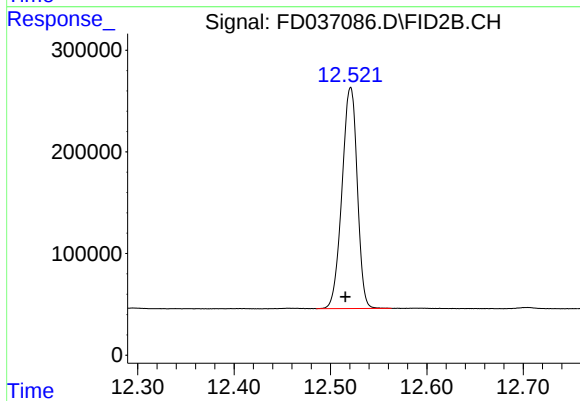
#10 Anthracene (C19.43)

R.T.: 10.785 min
Delta R.T.: 0.005 min
Response: 2367752
Conc: 20.56 ug/ml



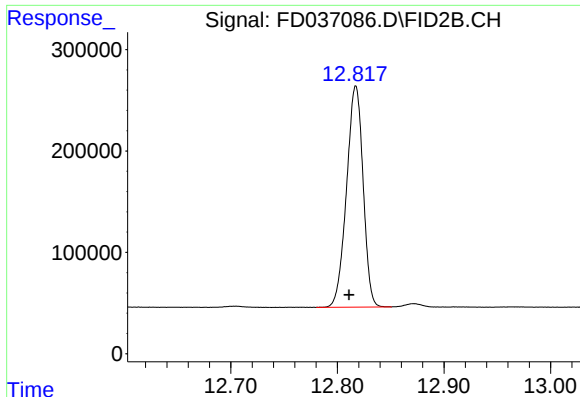
#11 ortho-Terphenyl (SURR)

R.T.: 11.478 min
Delta R.T.: 0.003 min
Response: 2518846
Conc: 20.39 ug/ml



#12 Fluoranthene (C21.85)

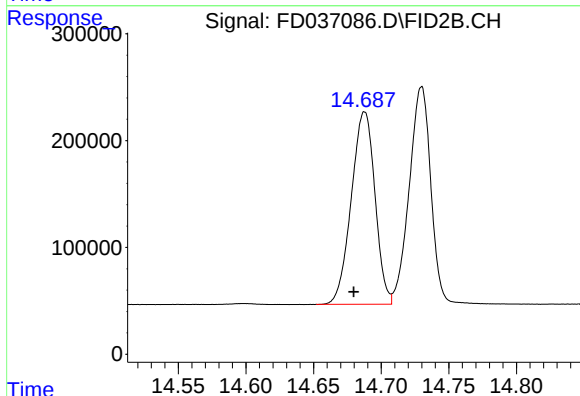
R.T.: 12.521 min
Delta R.T.: 0.006 min
Response: 2385559
Conc: 20.45 ug/ml



#13 Pyrene (C20.8)

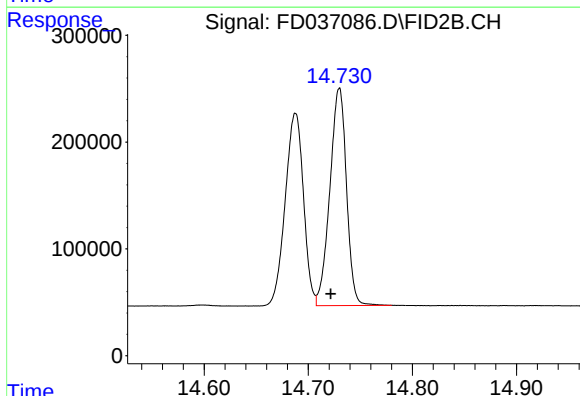
R.T.: 12.817 min
Delta R.T.: 0.006 min
Response: 2352785
Conc: 20.44 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



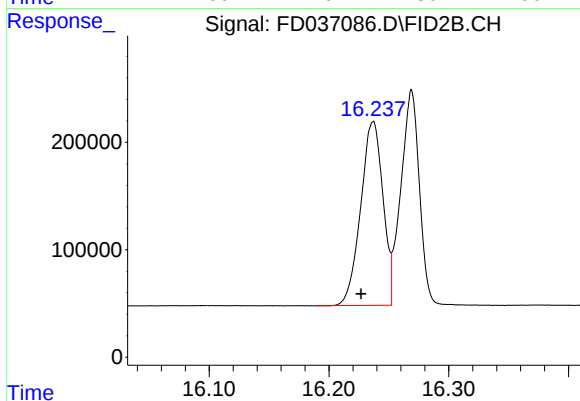
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.688 min
Delta R.T.: 0.008 min
Response: 2195930
Conc: 19.95 ug/ml



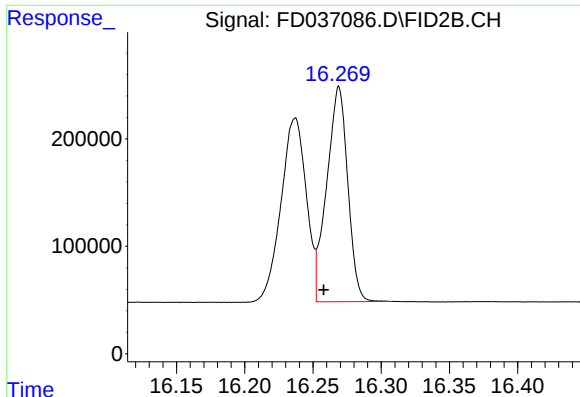
#15 Chrysene (C27.41)

R.T.: 14.730 min
Delta R.T.: 0.008 min
Response: 2261214
Conc: 19.97 ug/ml



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

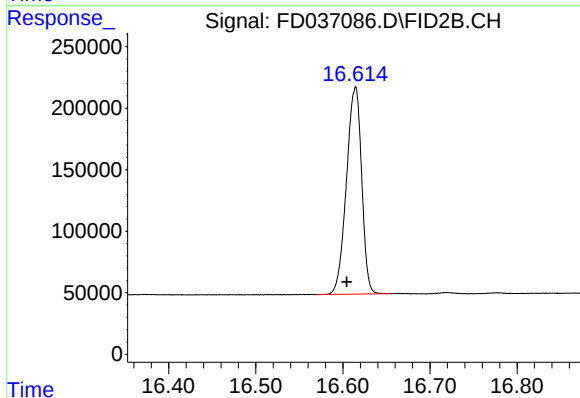
R.T.: 16.237 min
Delta R.T.: 0.010 min
Response: 2211332
Conc: 19.71 ug/ml



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

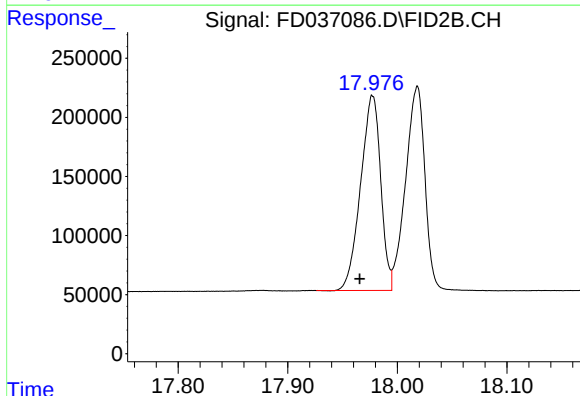
R.T.: 16.269 min
Delta R.T.: 0.011 min
Response: 2147589
Conc: 19.94 ug/ml

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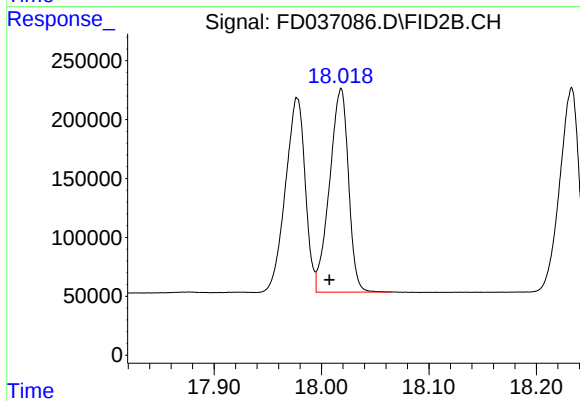
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.614 min
Delta R.T.: 0.010 min
Response: 2036593
Conc: 19.68 ug/ml



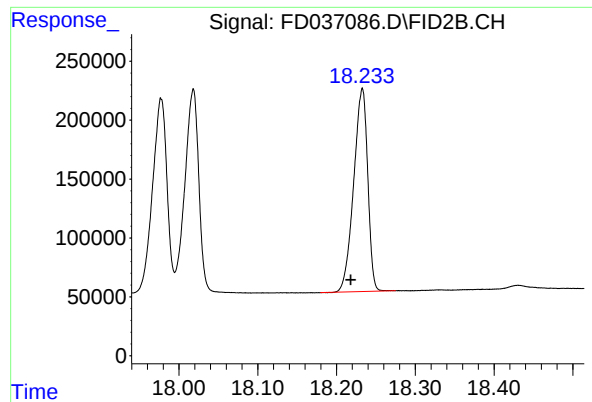
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.977 min
Delta R.T.: 0.012 min
Response: 2102387
Conc: 19.76 ug/ml



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

R.T.: 18.018 min
Delta R.T.: 0.011 min
Response: 2119823
Conc: 20.29 ug/ml



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

R.T.: 18.233 min
Delta R.T.: 0.015 min
Response: 2135309
Conc: 19.99 ug/ml

Instrument :
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