

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AR\
 Data File : FD036905.D
 Signal(s) : FID2B.CH
 Acq On : 14 Apr 2021 15:36
 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 15 01:22:13 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...	7.584	2727595	19.394 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
6) S 2-Fluorobiphenyl (SURR)	8.444	1749321	18.636 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.27%
11) S ortho-Terphenyl (SURR)	11.484	2763004	18.091 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.385	3015445	20.572 ug/ml
2) T Naphthalene (C11.7)	5.922	3124376	19.880 ug/ml
3) T 2-Methylnaphthalene (...)	6.974	3057665	19.455 ug/ml
5) T Acenaphthylene (C15.06)	8.248	2831217	18.895 ug/ml
7) T Acenaphthene (C15.5)	8.543	2926932	18.855 ug/ml
8) T Flouorene (C16.55)	9.323	2770592	18.402 ug/ml
9) T Phenanthrene (C19.36)	10.717	2596778	17.717 ug/ml
10) T Anthracene (C19.43)	10.791	2499230	17.264 ug/ml
12) T Fluoranthene (C21.85)	12.526	2421288	17.246 ug/ml
13) T Pyrene (C20.8)	12.823	2377643	17.329 ug/ml
14) T Benzo[a]anthracene (C...	14.692	2240585	18.867 ug/ml
15) T Chrysene (C27.41)	14.735	2331099	19.276 ug/ml
16) T benzo[b]fluoranthene ...	16.241	2338875	21.315 ug/ml
17) T Bnezo[k]fluoranthene ...	16.274	2285654	21.502 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	2179538	21.869 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.983	2299908	22.880 ug/ml
20) T Dibenz[a,h]anthracene...	18.023	2384228	23.645 ug/ml
21) T Benzo[g,h,i]perylene ...	18.238	2347970	23.173 ug/ml

(f)=RT Delta > 1/2 Window

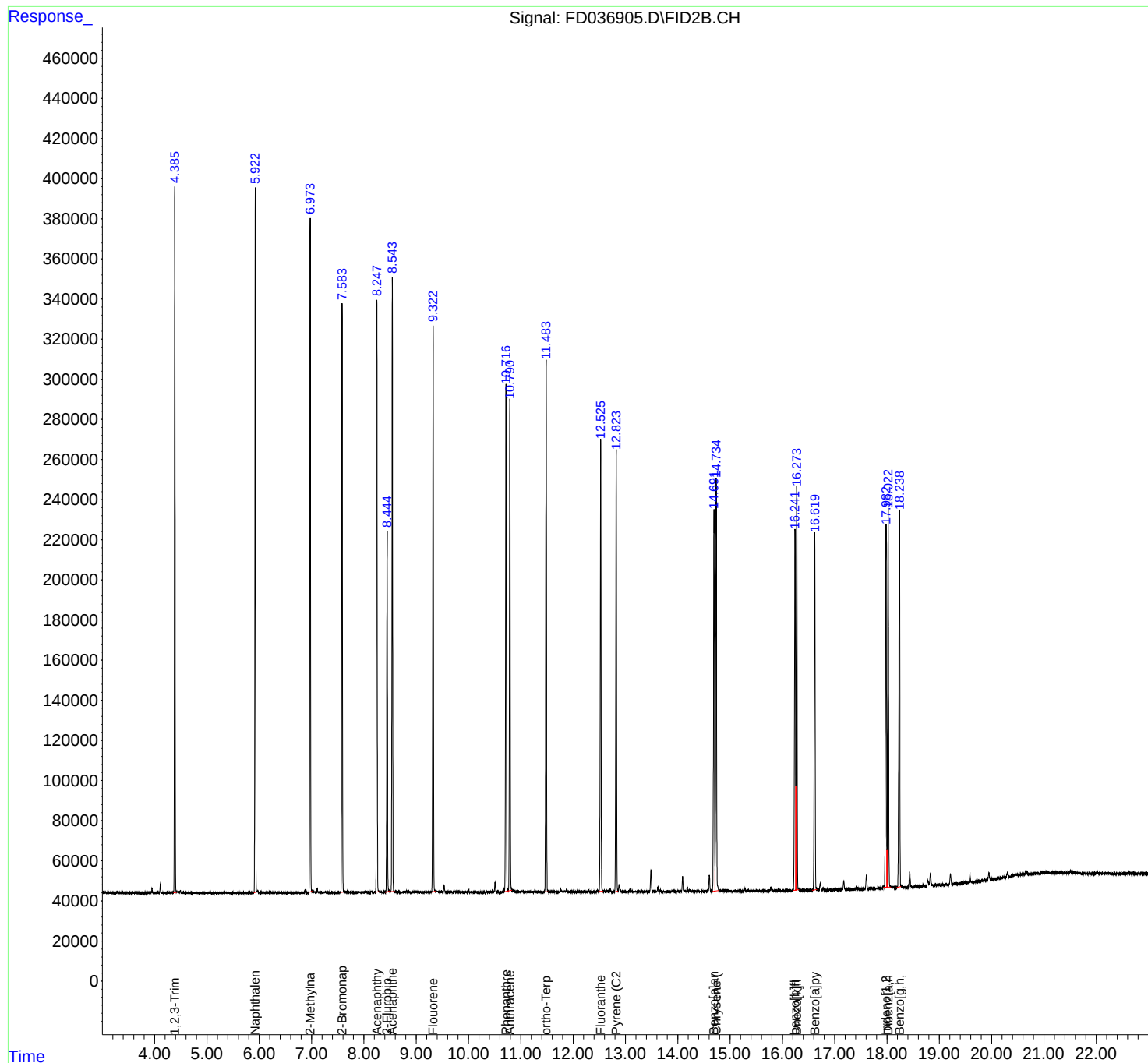
(m)=manual int.

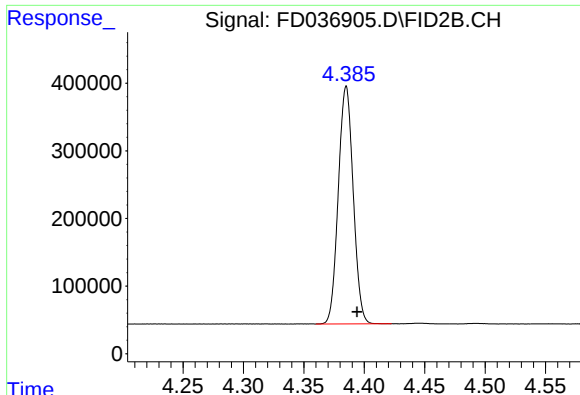
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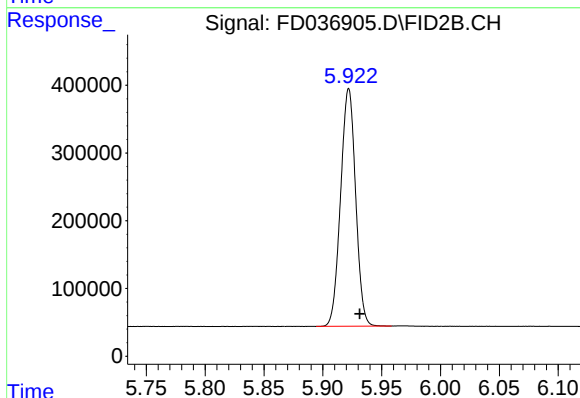




#1 1,2,3-Trimethylbenzene (C10.1)

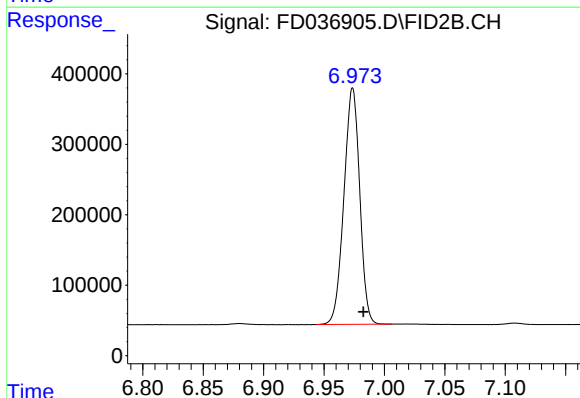
R.T.: 4.385 min
Delta R.T.: -0.009 min
Response: 3015445
Conc: 20.57 ug/ml

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20 PPM AROMATIC HC STD



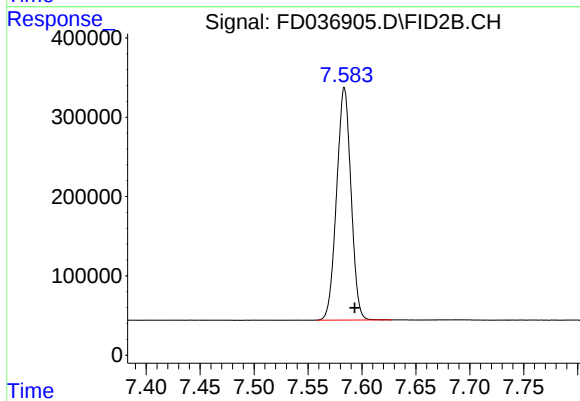
#2 Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.009 min
Response: 3124376
Conc: 19.88 ug/ml



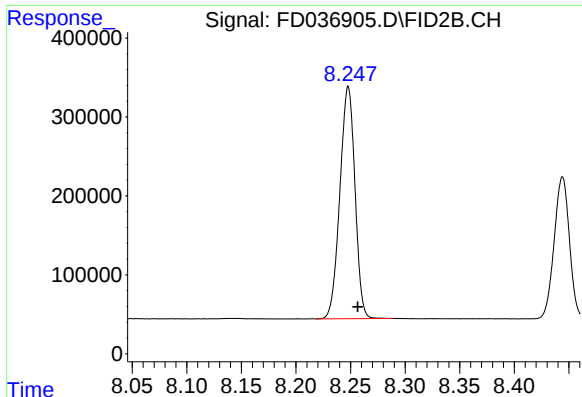
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.974 min
Delta R.T.: -0.009 min
Response: 3057665
Conc: 19.46 ug/ml



#4 2-Bromonaphthalene (SURR)

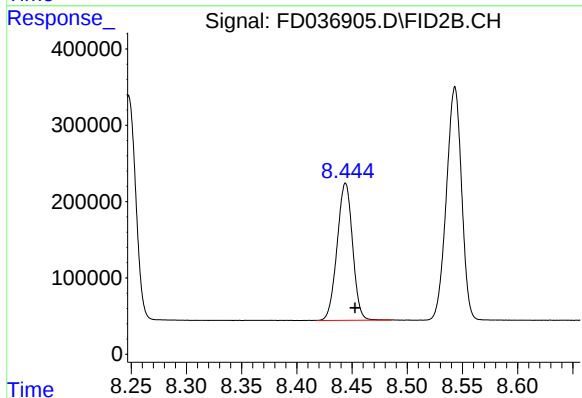
R.T.: 7.584 min
Delta R.T.: -0.009 min
Response: 2727595
Conc: 19.39 ug/ml



#5 Acenaphthylene (C15.06)

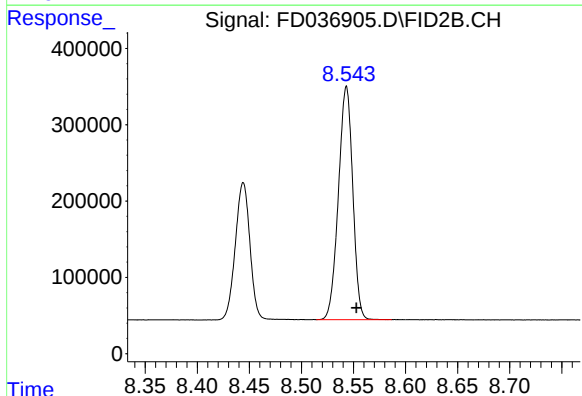
R.T.: 8.248 min
Delta R.T.: -0.009 min
Response: 2831217
Conc: 18.89 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



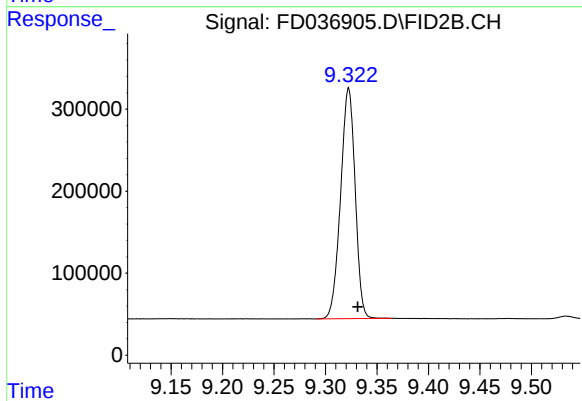
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.444 min
Delta R.T.: -0.009 min
Response: 1749321
Conc: 18.64 ug/ml



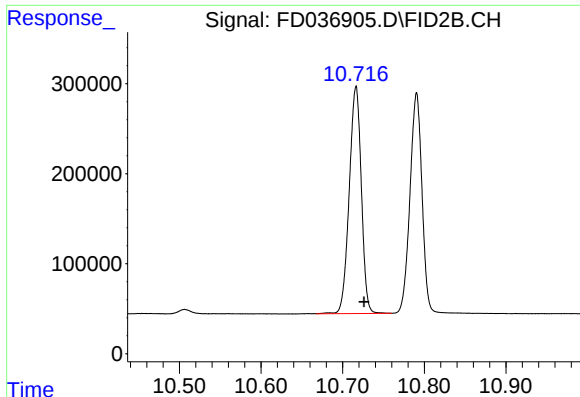
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.009 min
Response: 2926932
Conc: 18.85 ug/ml



#8 Flouorene (C16.55)

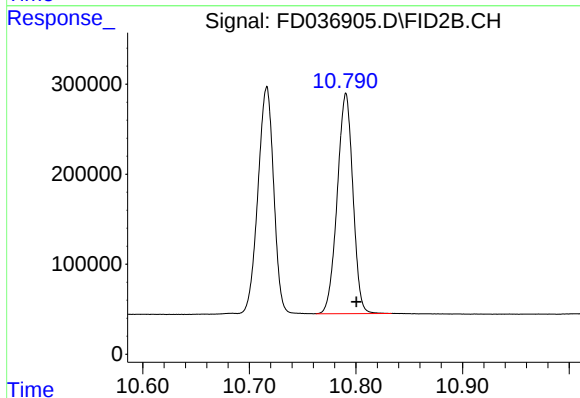
R.T.: 9.323 min
Delta R.T.: -0.009 min
Response: 2770592
Conc: 18.40 ug/ml



#9 Phenanthrene (C19.36)

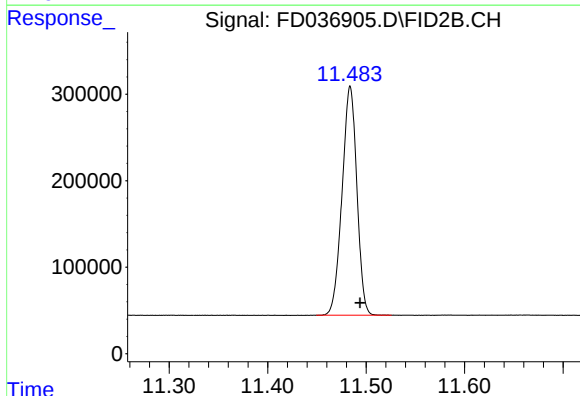
R.T.: 10.717 min
Delta R.T.: -0.009 min
Response: 2596778
Conc: 17.72 ug/ml

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20 PPM AROMATIC HC STD



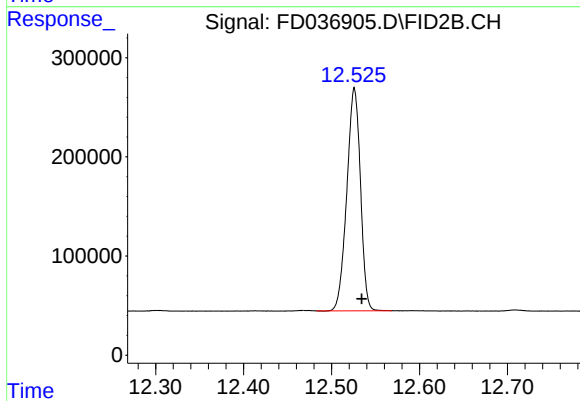
#10 Anthracene (C19.43)

R.T.: 10.791 min
Delta R.T.: -0.010 min
Response: 2499230
Conc: 17.26 ug/ml



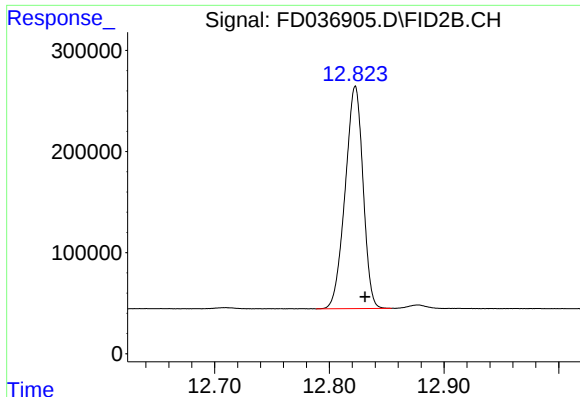
#11 ortho-Terphenyl (SURR)

R.T.: 11.484 min
Delta R.T.: -0.010 min
Response: 2763004
Conc: 18.09 ug/ml



#12 Fluoranthene (C21.85)

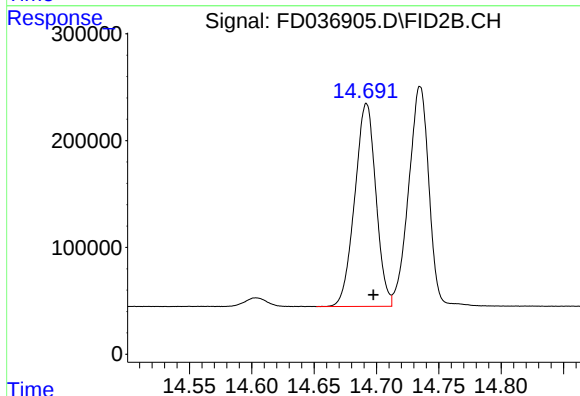
R.T.: 12.526 min
Delta R.T.: -0.008 min
Response: 2421288
Conc: 17.25 ug/ml



#13 Pyrene (C20.8)

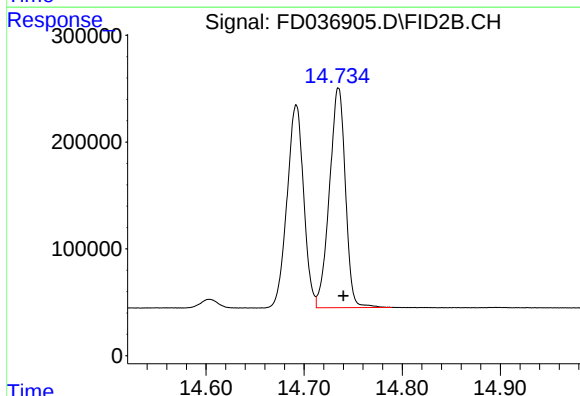
R.T.: 12.823 min
Delta R.T.: -0.008 min
Response: 2377643
Conc: 17.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



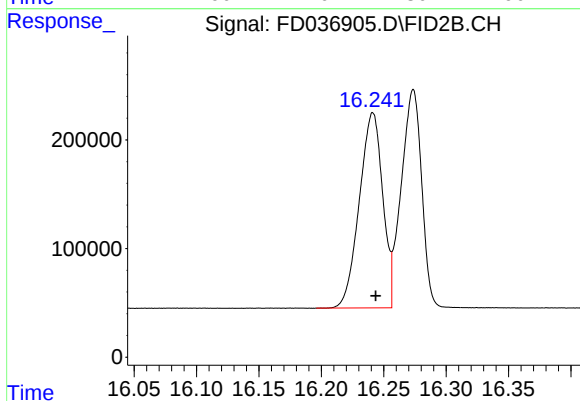
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: -0.006 min
Response: 2240585
Conc: 18.87 ug/ml



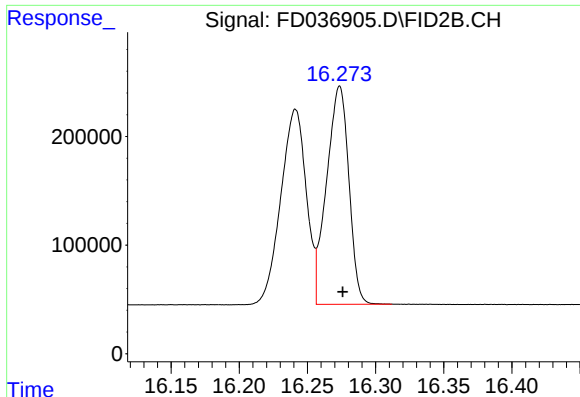
#15 Chrysene (C27.41)

R.T.: 14.735 min
Delta R.T.: -0.005 min
Response: 2331099
Conc: 19.28 ug/ml



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

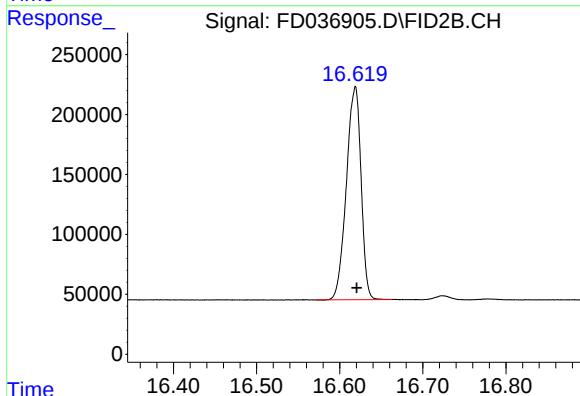
R.T.: 16.241 min
Delta R.T.: -0.002 min
Response: 2338875
Conc: 21.31 ug/ml



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

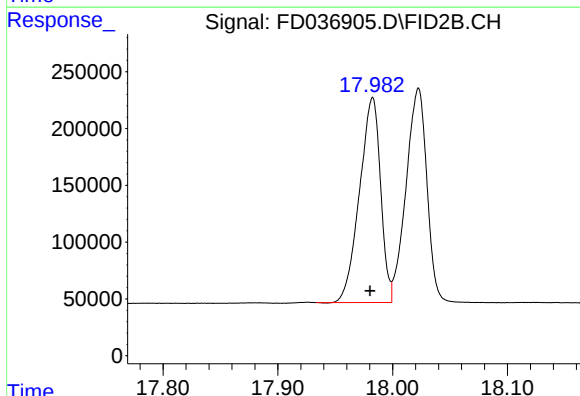
R.T.: 16.274 min
Delta R.T.: -0.002 min
Response: 2285654
Conc: 21.50 ug/ml

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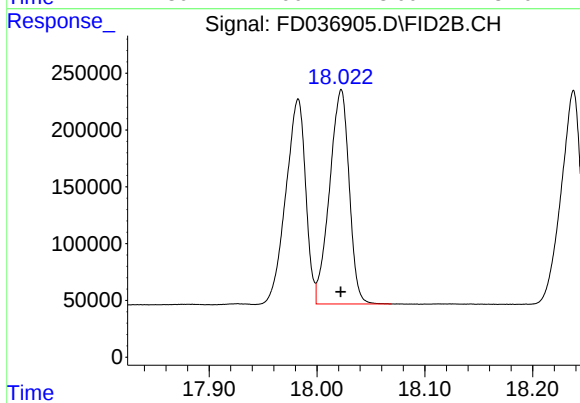
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: -0.002 min
Response: 2179538
Conc: 21.87 ug/ml



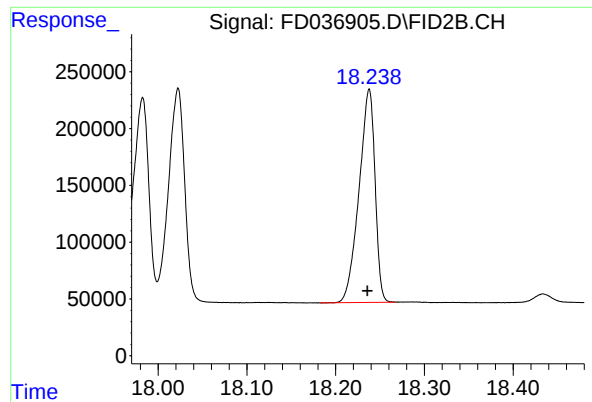
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.983 min
Delta R.T.: 0.002 min
Response: 2299908
Conc: 22.88 ug/ml



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

R.T.: 18.023 min
Delta R.T.: 0.000 min
Response: 2384228
Conc: 23.65 ug/ml



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

R.T.: 18.238 min
Delta R.T.: 0.002 min
Response: 2347970
Conc: 23.17 ug/ml

Instrument :
FID_D
ClientSampleId :
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