

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041421AR\
 Data File : FD036925.D
 Signal(s) : FID2B.CH
 Acq On : 15 Apr 2021 4:23
 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 06:34:46 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...	7.585	2761294	19.633 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
6) S 2-Fluorobiphenyl (SURR)	8.446	1777695	18.938 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.88%
11) S ortho-Terphenyl (SURR)	11.486	2812388	18.414 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.385	3014941	20.568 ug/ml
2) T Naphthalene (C11.7)	5.922	3145708	20.016 ug/ml
3) T 2-Methylnaphthalene (...)	6.975	3094162	19.687 ug/ml
5) T Acenaphthylene (C15.06)	8.249	2872049	19.167 ug/ml
7) T Acenaphthene (C15.5)	8.545	2970537	19.136 ug/ml
8) T Fluorene (C16.55)	9.325	2814422	18.693 ug/ml
9) T Phenanthrene (C19.36)	10.719	2635651	17.982 ug/ml
10) T Anthracene (C19.43)	10.792	2536984	17.525 ug/ml
12) T Fluoranthene (C21.85)	12.528	2452291	17.467 ug/ml
13) T Pyrene (C20.8)	12.823	2396805	17.469 ug/ml
14) T Benzo[a]anthracene (C...	14.692	2254317	18.982 ug/ml
15) T Chrysene (C27.41)	14.733	2348107	19.417 ug/ml
16) T benzo[b]fluoranthene ...	16.239	2352383	21.438 ug/ml
17) T Bnezo[k]fluoranthene ...	16.272	2292960	21.571 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.617	2189990	21.974 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.981	2319097	23.071 ug/ml
20) T Dibenz[a,h]anthracene...	18.021	2411979	23.920 ug/ml
21) T Benzo[g,h,i]perylene ...	18.236	2353125	23.224 ug/ml

(f)=RT Delta > 1/2 Window

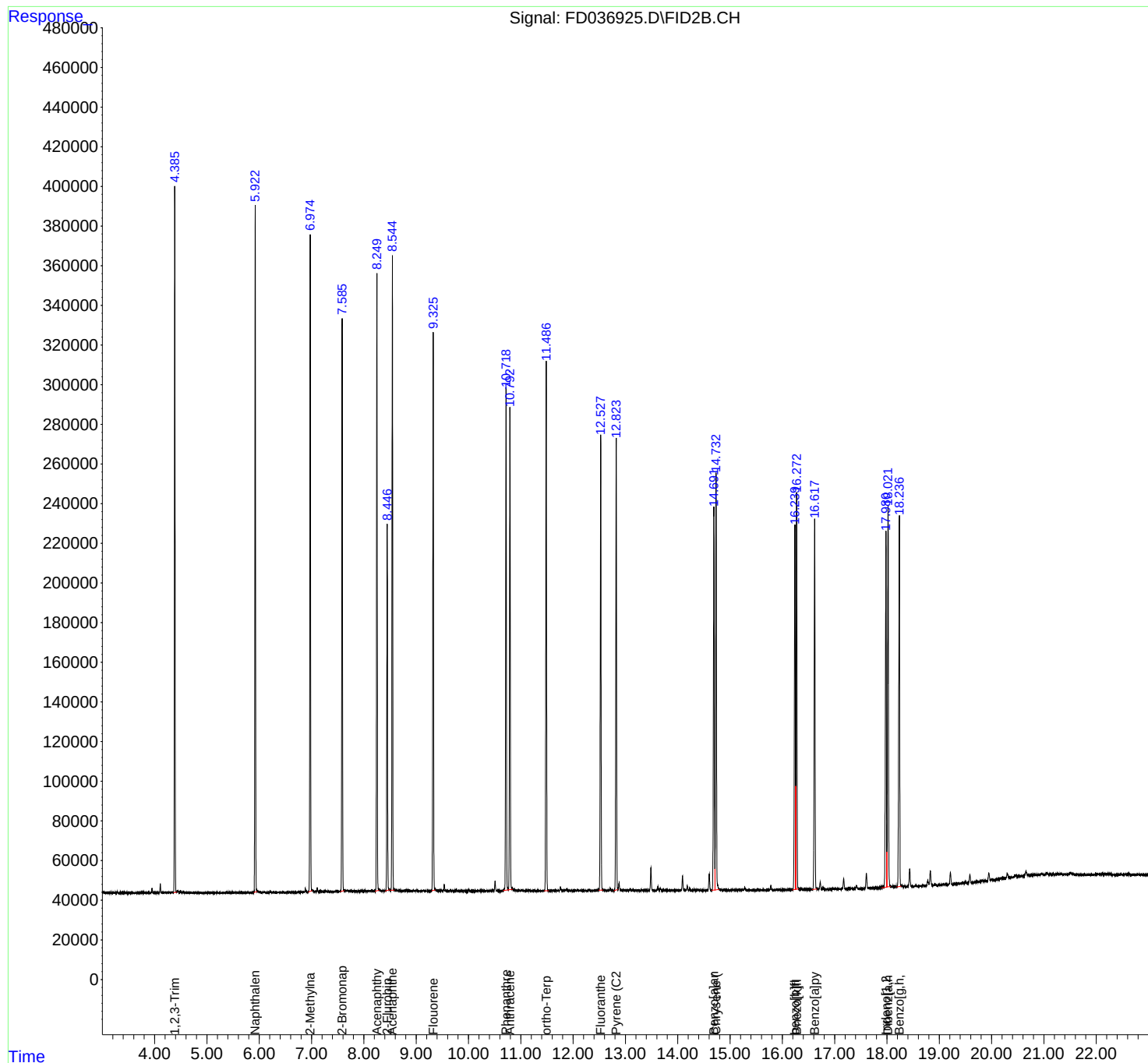
(m)=manual int.

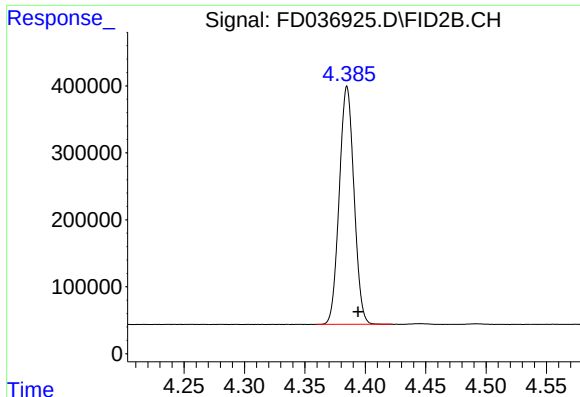
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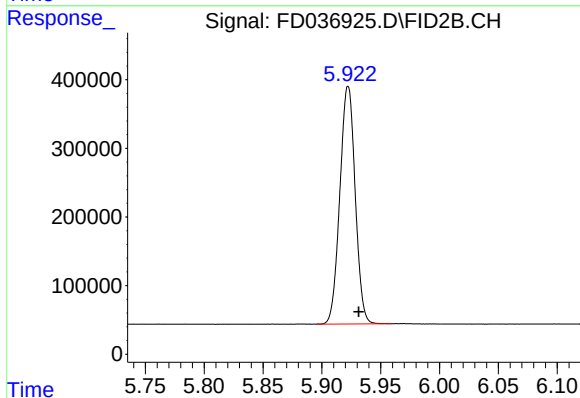




#1 1,2,3-Trimethylbenzene (C10.1)

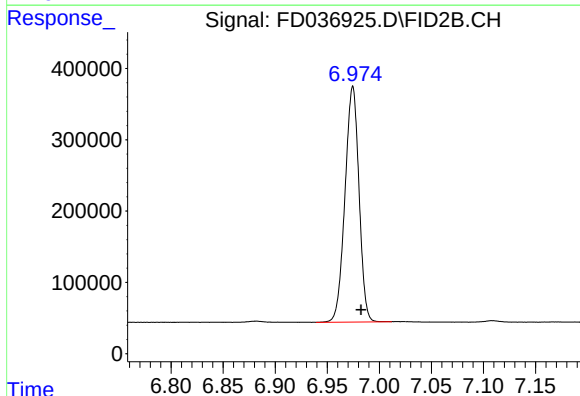
R.T.: 4.385 min
Delta R.T.: -0.009 min
Response: 3014941
Conc: 20.57 ug/ml

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20 PPM AROMATIC HC STD



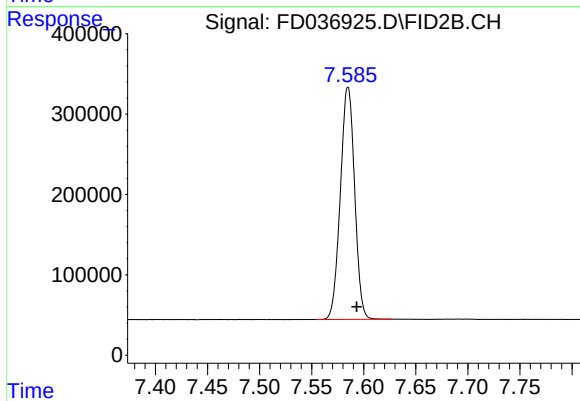
#2 Naphthalene (C11.7)

R.T.: 5.922 min
Delta R.T.: -0.009 min
Response: 3145708
Conc: 20.02 ug/ml



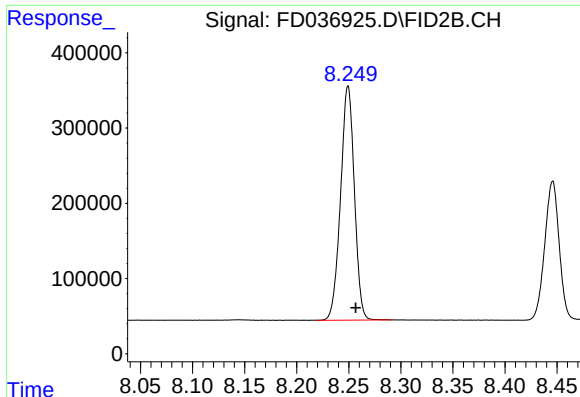
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.975 min
Delta R.T.: -0.008 min
Response: 3094162
Conc: 19.69 ug/ml



#4 2-Bromonaphthalene (SURR)

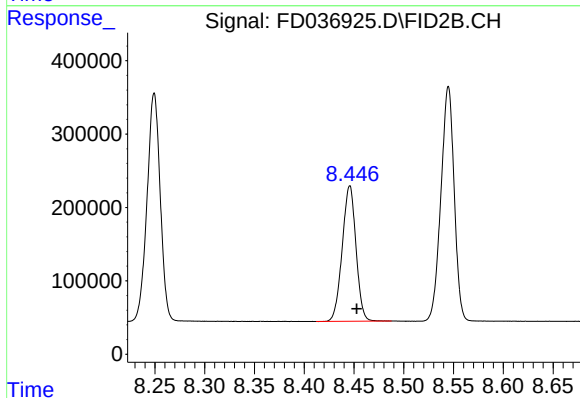
R.T.: 7.585 min
Delta R.T.: -0.008 min
Response: 2761294
Conc: 19.63 ug/ml



#5 Acenaphthylene (C15.06)

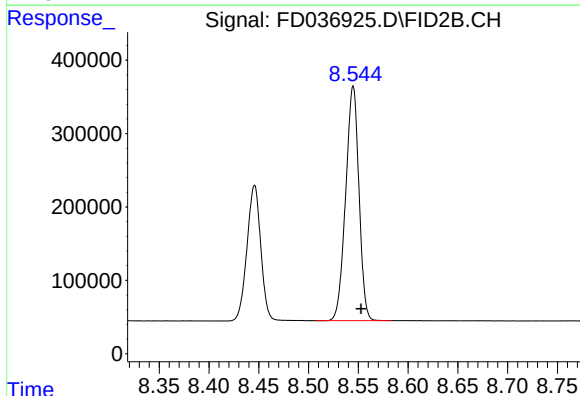
R.T.: 8.249 min
Delta R.T.: -0.007 min
Response: 2872049
Conc: 19.17 ug/ml

Instrument :
FID_D
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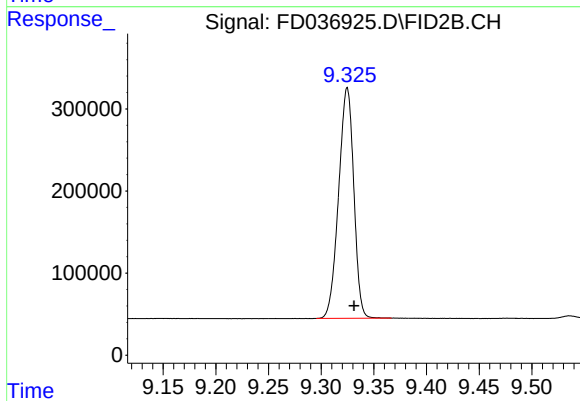
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.446 min
Delta R.T.: -0.007 min
Response: 1777695
Conc: 18.94 ug/ml



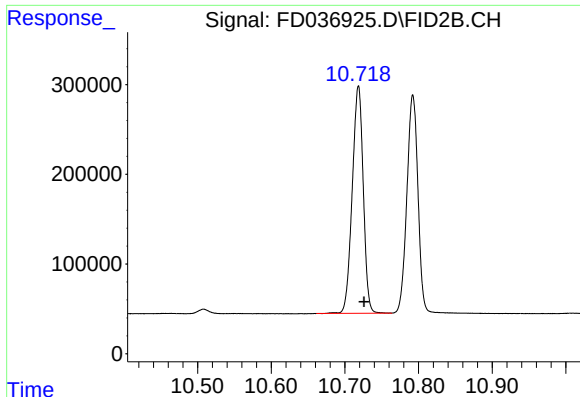
#7 Acenaphthene (C15.5)

R.T.: 8.545 min
Delta R.T.: -0.008 min
Response: 2970537
Conc: 19.14 ug/ml



#8 Fluorene (C16.55)

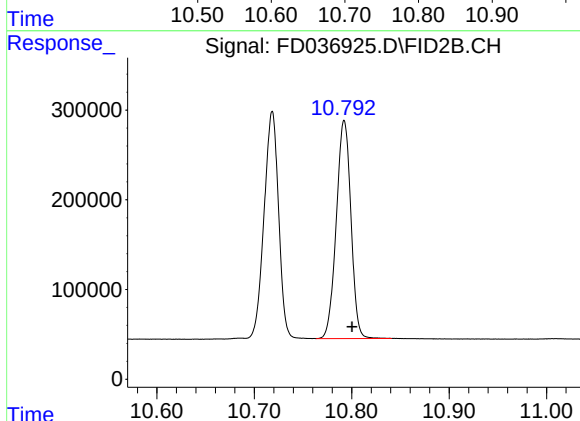
R.T.: 9.325 min
Delta R.T.: -0.007 min
Response: 2814422
Conc: 18.69 ug/ml



#9 Phenanthrene (C19.36)

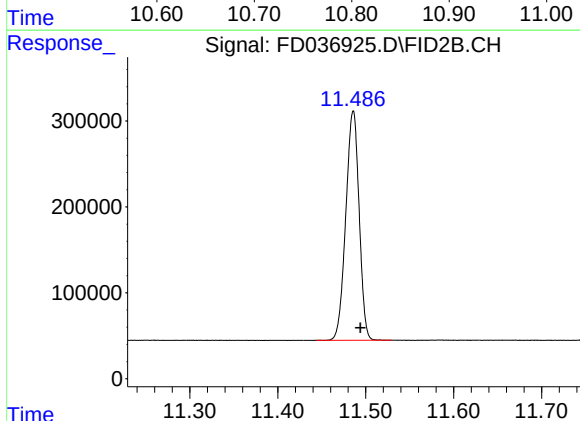
R.T.: 10.719 min
Delta R.T.: -0.007 min
Response: 2635651
Conc: 17.98 ug/ml

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20 PPM AROMATIC HC STD



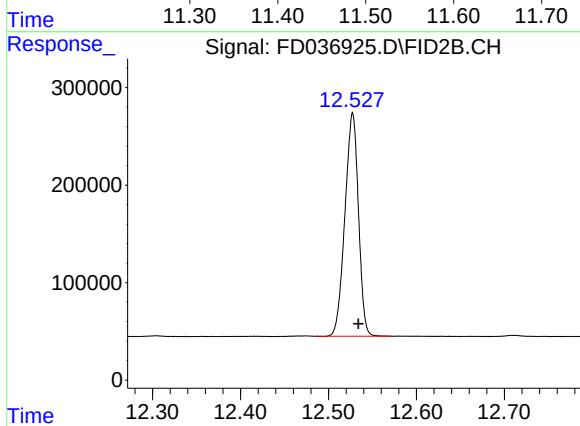
#10 Anthracene (C19.43)

R.T.: 10.792 min
Delta R.T.: -0.008 min
Response: 2536984
Conc: 17.52 ug/ml



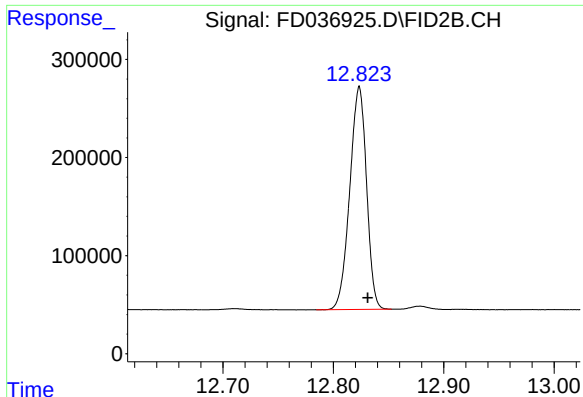
#11 ortho-Terphenyl (SURR)

R.T.: 11.486 min
Delta R.T.: -0.008 min
Response: 2812388
Conc: 18.41 ug/ml



#12 Fluoranthene (C21.85)

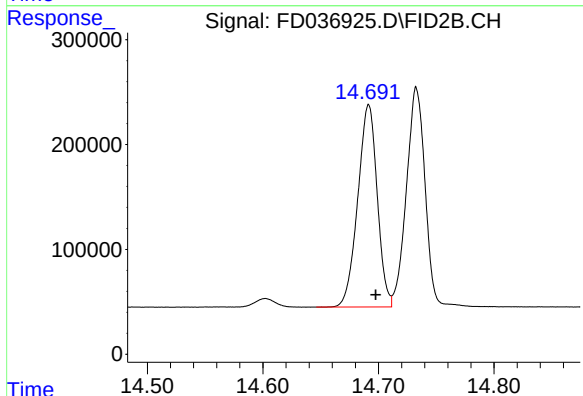
R.T.: 12.528 min
Delta R.T.: -0.007 min
Response: 2452291
Conc: 17.47 ug/ml



#13 Pyrene (C20.8)

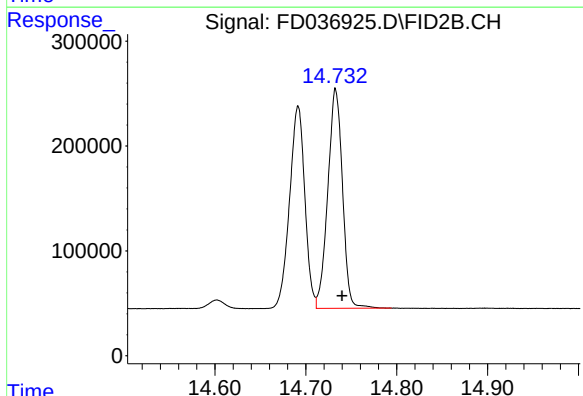
R.T.: 12.823 min
Delta R.T.: -0.008 min
Response: 2396805
Conc: 17.47 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



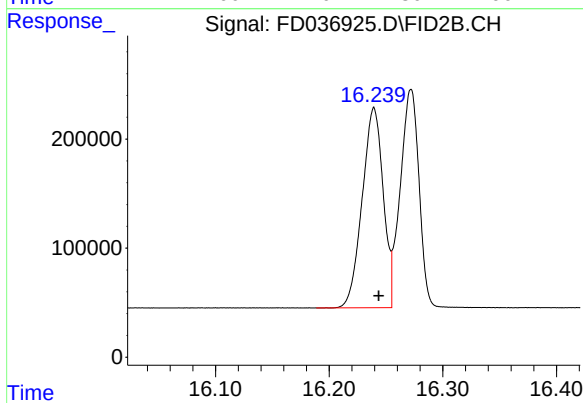
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: -0.006 min
Response: 2254317
Conc: 18.98 ug/ml



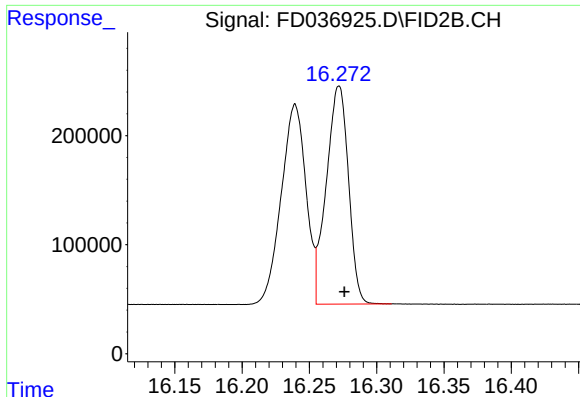
#15 Chrysene (C27.41)

R.T.: 14.733 min
Delta R.T.: -0.007 min
Response: 2348107
Conc: 19.42 ug/ml



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

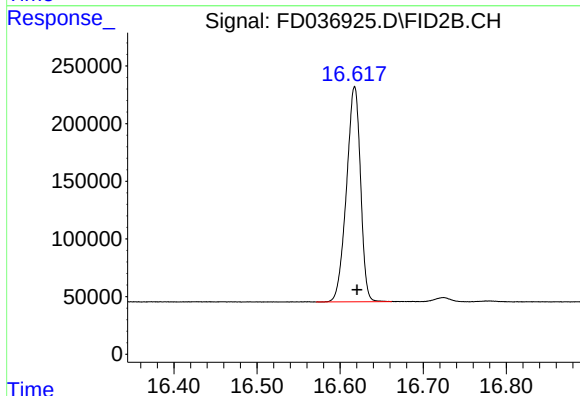
R.T.: 16.239 min
Delta R.T.: -0.004 min
Response: 2352383
Conc: 21.44 ug/ml



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

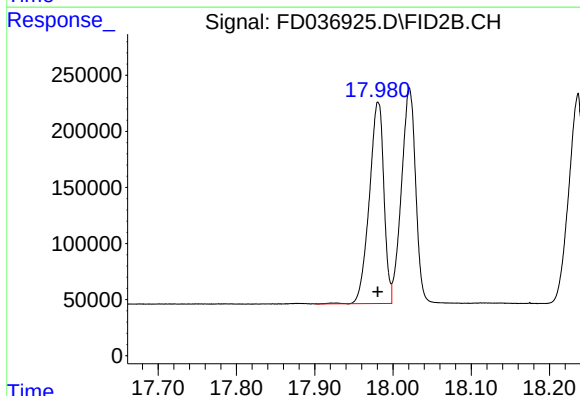
R.T.: 16.272 min
Delta R.T.: -0.004 min
Response: 2292960
Conc: 21.57 ug/ml

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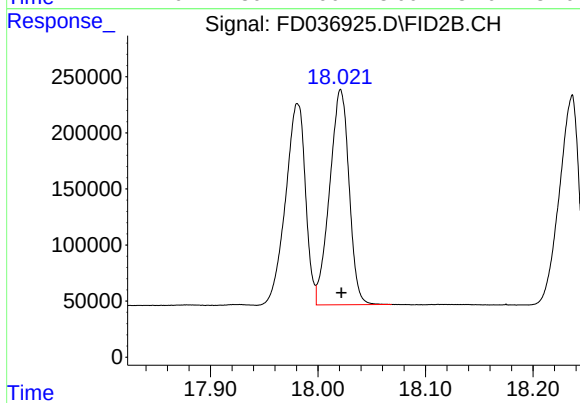
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.617 min
Delta R.T.: -0.003 min
Response: 2189990
Conc: 21.97 ug/ml



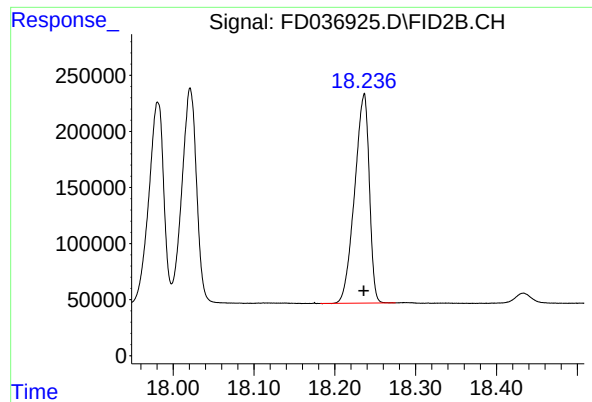
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.981 min
Delta R.T.: 0.000 min
Response: 2319097
Conc: 23.07 ug/ml



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

R.T.: 18.021 min
Delta R.T.: 0.000 min
Response: 2411979
Conc: 23.92 ug/ml



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

R.T.: 18.236 min
Delta R.T.: 0.000 min
Response: 2353125
Conc: 23.22 ug/ml

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