

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031721AR\
 Data File : FD036401.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2021 16:04
 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: Mar 18 02:13:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 08:08:08 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...	7.600	2316554	19.653 ug/ml
Spiked Amount 50.000		Recovery =	39.31%
6) S 2-Fluorobiphenyl (SURR)	8.460	1624040	19.515 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.03%
11) S ortho-Terphenyl (SURR)	11.501	2702513	19.182 ug/ml
Spiked Amount 50.000		Recovery =	38.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.400	2503746	19.970 ug/ml
2) T Naphthalene (C11.7)	5.937	2689095	19.844 ug/ml
3) T 2-Methylnaphthalene (...)	6.989	2696121	19.744 ug/ml
5) T Acenaphthylene (C15.06)	8.263	2603593	19.352 ug/ml
7) T Acenaphthene (C15.5)	8.559	2711867	19.592 ug/ml
8) T Fluorene (C16.55)	9.338	2638059	19.331 ug/ml
9) T Phenanthrene (C19.36)	10.732	2647677	19.217 ug/ml
10) T Anthracene (C19.43)	10.807	2384045	17.757 ug/ml
12) T Fluoranthene (C21.85)	12.542	2638545	19.000 ug/ml
13) T Pyrene (C20.8)	12.839	2607643	19.020 ug/ml
14) T Benzo[a]anthracene (C...	14.707	2374368	18.772 ug/ml
15) T Chrysene (C27.41)	14.749	2454537	18.954 ug/ml
16) T benzo[b]fluoranthene ...	16.253	2344385	19.263 ug/ml
17) T Bnezo[k]fluoranthene ...	16.285	2278194	19.347 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.630	2147309	19.472 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.991	2220513	20.070 ug/ml
20) T Dibenz[a,h]anthracene...	18.032	2249225	20.325 ug/ml
21) T Benzo[g,h,i]perylene ...	18.246	2259647	20.436 ug/ml

(f)=RT Delta > 1/2 Window

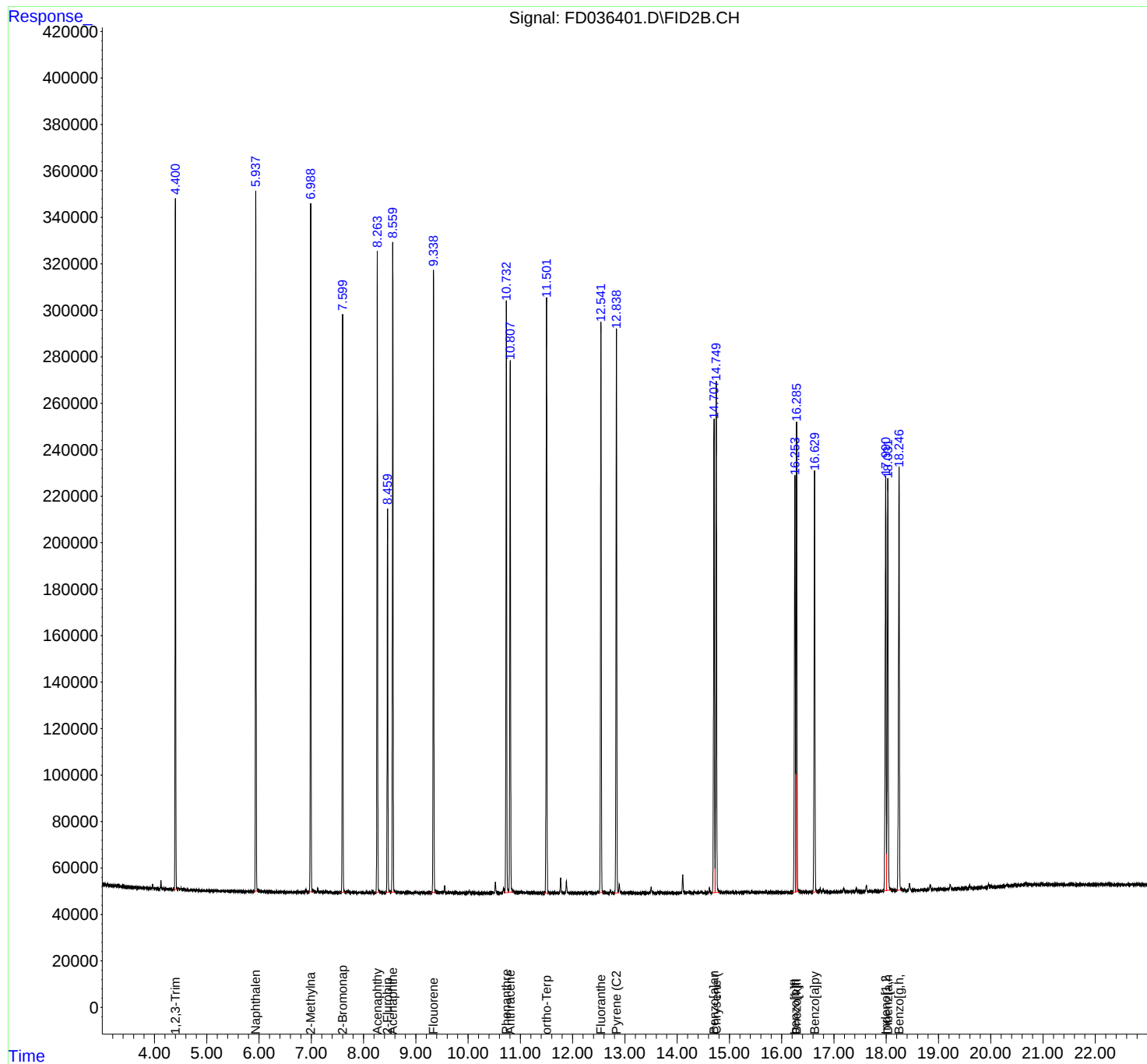
(m)=manual int.

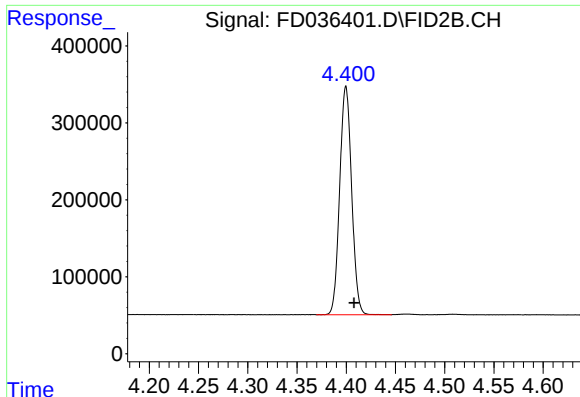
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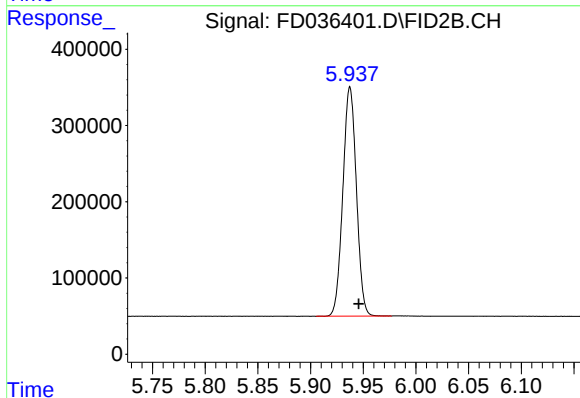




#1 1,2,3-Trimethylbenzene (C10.1)

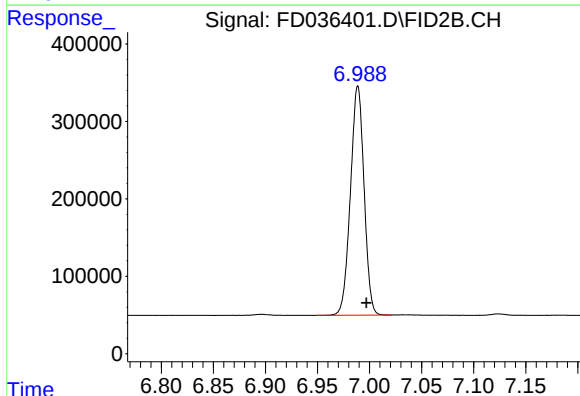
R.T.: 4.400 min
Delta R.T.: -0.008 min
Response: 2503746
Conc: 19.97 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



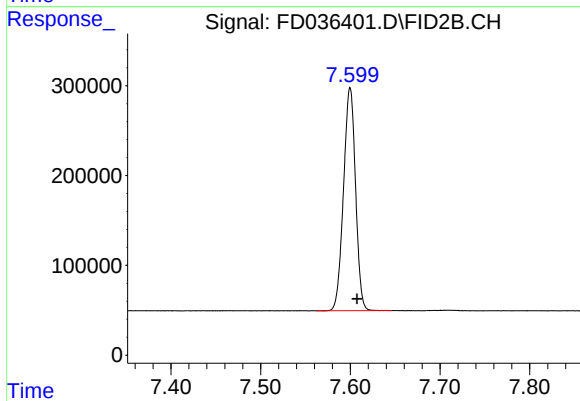
#2 Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.008 min
Response: 2689095
Conc: 19.84 ug/ml



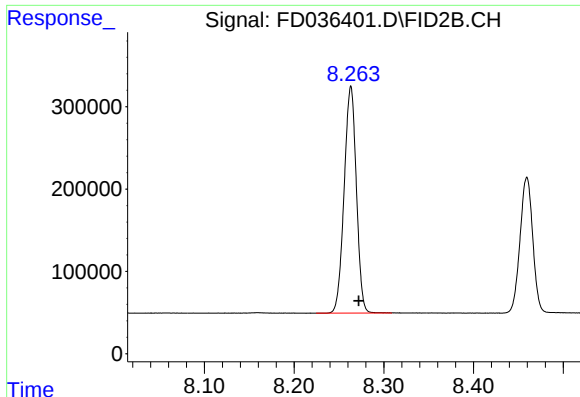
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.989 min
Delta R.T.: -0.008 min
Response: 2696121
Conc: 19.74 ug/ml



#4 2-Bromonaphthalene (SURR)

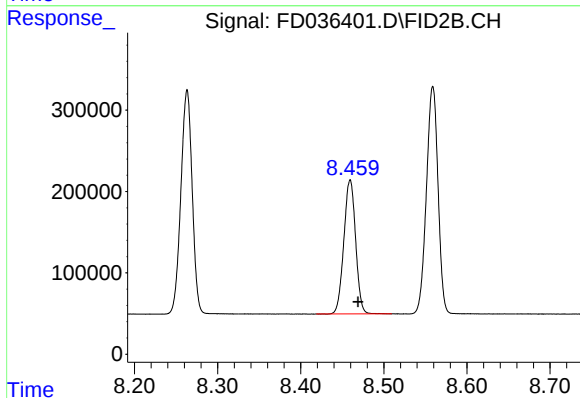
R.T.: 7.600 min
Delta R.T.: -0.008 min
Response: 2316554
Conc: 19.65 ug/ml



#5 Acenaphthylene (C15.06)

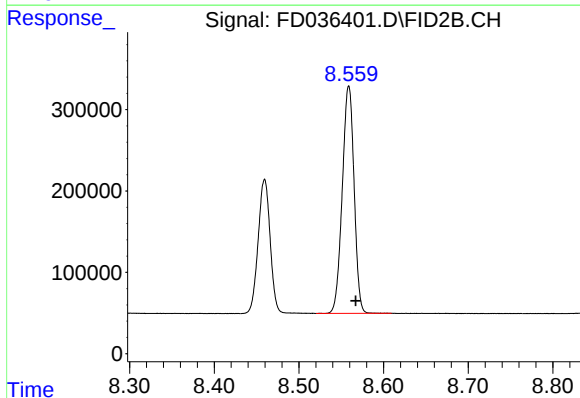
R.T.: 8.263 min
Delta R.T.: -0.009 min
Response: 2603593
Conc: 19.35 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



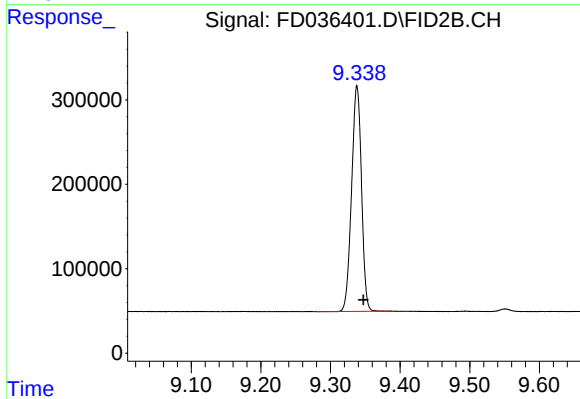
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.460 min
Delta R.T.: -0.009 min
Response: 1624040
Conc: 19.51 ug/ml



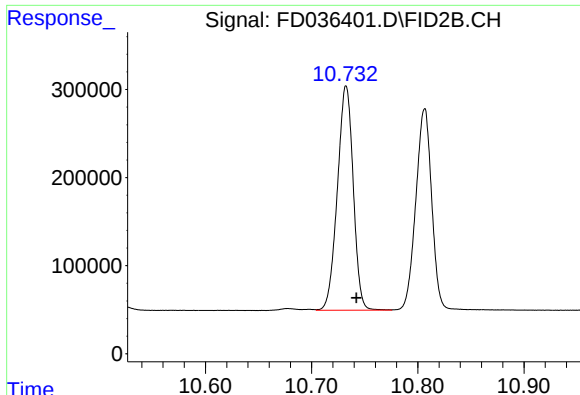
#7 Acenaphthene (C15.5)

R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 2711867
Conc: 19.59 ug/ml



#8 Flouorene (C16.55)

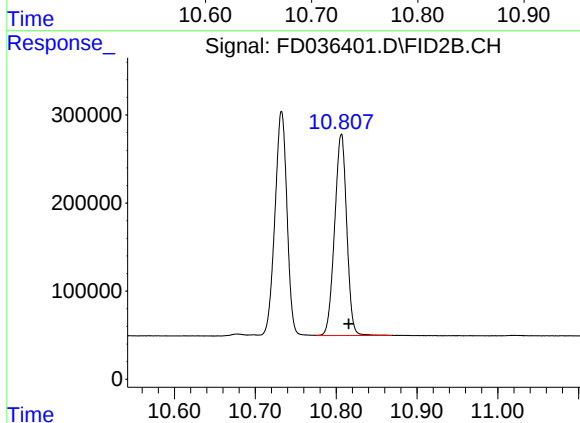
R.T.: 9.338 min
Delta R.T.: -0.009 min
Response: 2638059
Conc: 19.33 ug/ml



#9 Phenanthrene (C19.36)

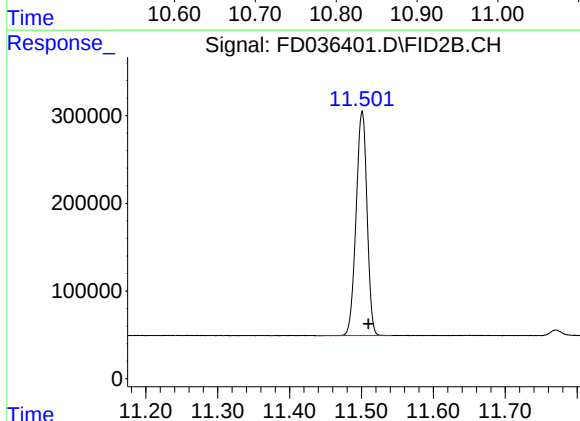
R.T.: 10.732 min
Delta R.T.: -0.010 min
Response: 2647677
Conc: 19.22 ug/ml

Instrument :
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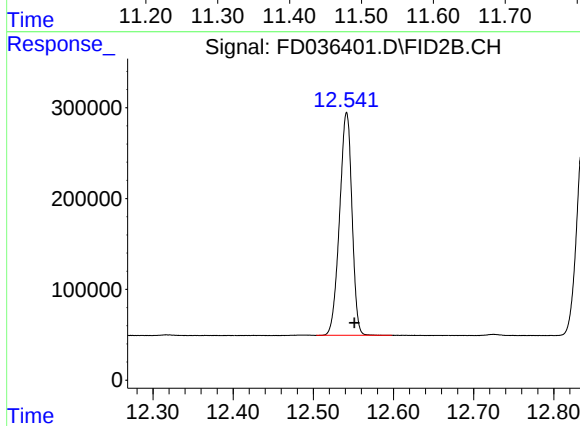
#10 Anthracene (C19.43)

R.T.: 10.807 min
Delta R.T.: -0.009 min
Response: 2384045
Conc: 17.76 ug/ml



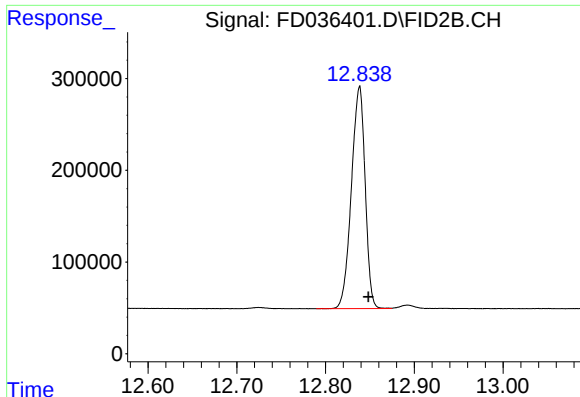
#11 ortho-Terphenyl (SURR)

R.T.: 11.501 min
Delta R.T.: -0.008 min
Response: 2702513
Conc: 19.18 ug/ml



#12 Fluoranthene (C21.85)

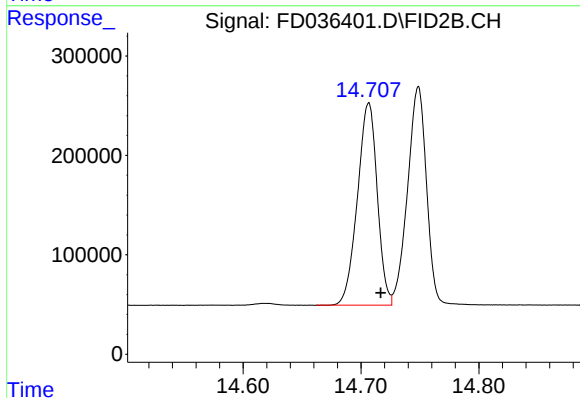
R.T.: 12.542 min
Delta R.T.: -0.010 min
Response: 2638545
Conc: 19.00 ug/ml



#13 Pyrene (C20.8)

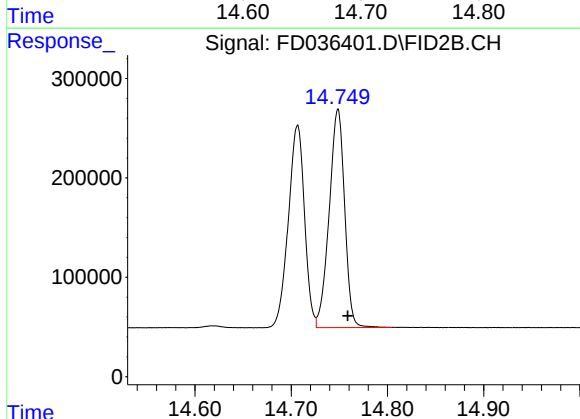
R.T.: 12.839 min
Delta R.T.: -0.010 min
Response: 2607643
Conc: 19.02 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



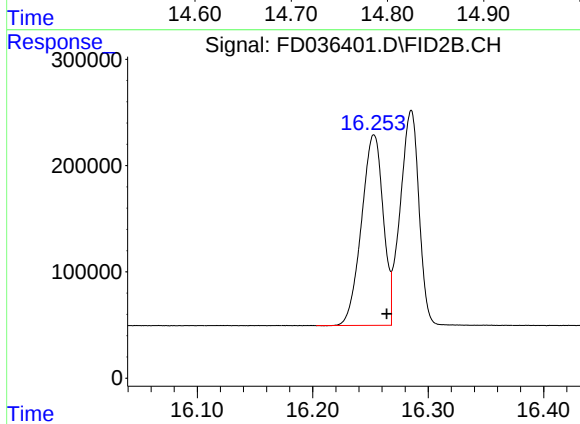
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.707 min
Delta R.T.: -0.010 min
Response: 2374368
Conc: 18.77 ug/ml



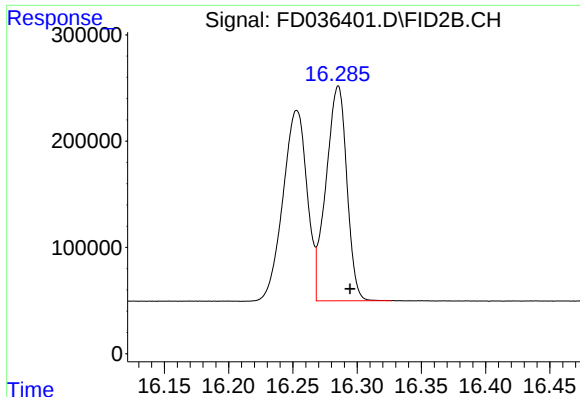
#15 Chrysene (C27.41)

R.T.: 14.749 min
Delta R.T.: -0.010 min
Response: 2454537
Conc: 18.95 ug/ml



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

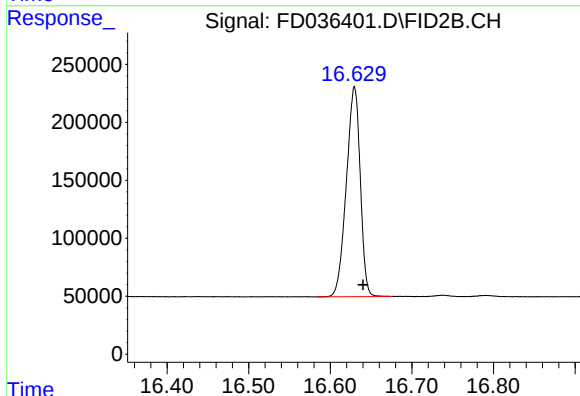
R.T.: 16.253 min
Delta R.T.: -0.011 min
Response: 2344385
Conc: 19.26 ug/ml



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

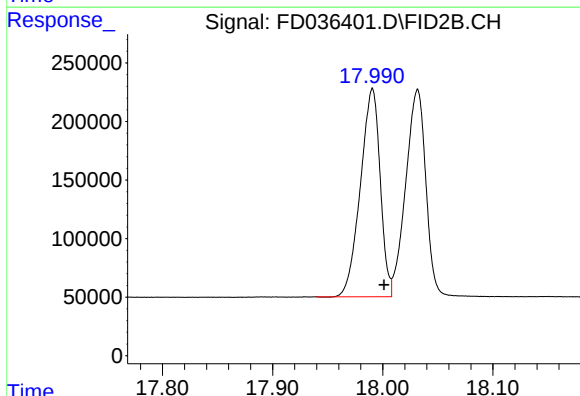
R.T.: 16.285 min
Delta R.T.: -0.009 min
Response: 2278194
Conc: 19.35 ug/ml

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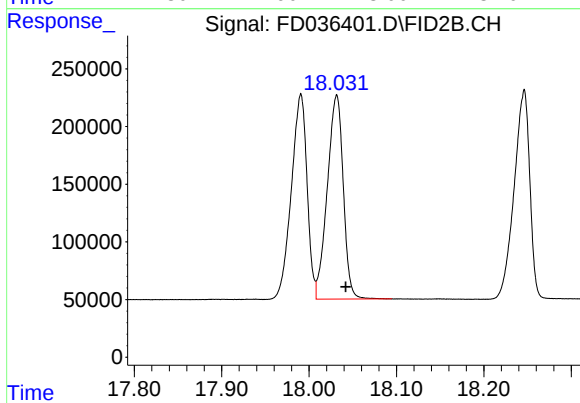
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.630 min
Delta R.T.: -0.011 min
Response: 2147309
Conc: 19.47 ug/ml



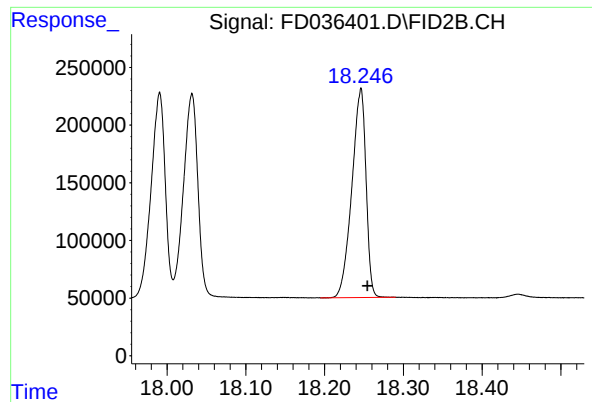
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min
Delta R.T.: -0.010 min
Response: 2220513
Conc: 20.07 ug/ml



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

R.T.: 18.032 min
Delta R.T.: -0.010 min
Response: 2249225
Conc: 20.33 ug/ml



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

R.T.: 18.246 min
Delta R.T.: -0.008 min
Response: 2259647
Conc: 20.44 ug/ml

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