

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033021AR\
 Data File : FD036666.D
 Signal(s) : FID2B.CH
 Acq On : 31 Mar 2021 2:48
 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 31 07:38:24 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...	7.590	2826530	20.097 ug/ml
Spiked Amount 50.000		Recovery =	40.19%
6) S 2-Fluorobiphenyl (SURR)	8.449	1864771	19.866 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.73%
11) S ortho-Terphenyl (SURR)	11.490	2976383	19.488 ug/ml
Spiked Amount 50.000		Recovery =	38.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.391	2988225	20.386 ug/ml
2) T Naphthalene (C11.7)	5.928	3175375	20.204 ug/ml
3) T 2-Methylnaphthalene (...)	6.979	3159715	20.104 ug/ml
5) T Acenaphthylene (C15.06)	8.253	2990045	19.955 ug/ml
7) T Acenaphthene (C15.5)	8.549	3102389	19.985 ug/ml
8) T Flouorene (C16.55)	9.328	2972373	19.742 ug/ml
9) T Phenanthrene (C19.36)	10.722	2866832	19.559 ug/ml
10) T Anthracene (C19.43)	10.796	2678290	18.501 ug/ml
12) T Fluoranthene (C21.85)	12.530	2666640	18.994 ug/ml
13) T Pyrene (C20.8)	12.826	2590771	18.883 ug/ml
14) T Benzo[a]anthracene (C...	14.693	2211111	18.619 ug/ml
15) T Chrysene (C27.41)	14.735	2287029	18.912 ug/ml
16) T benzo[b]fluoranthene ...	16.239	2106910	19.201 ug/ml
17) T Bnezo[k]fluoranthene ...	16.271	2055146	19.334 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.615	1940230	19.468 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.977	2046618	20.361 ug/ml
20) T Dibenz[a,h]anthracene...	18.018	2093711	20.764 ug/ml
21) T Benzo[g,h,i]perylene ...	18.232	2098093	20.707 ug/ml

(f)=RT Delta > 1/2 Window

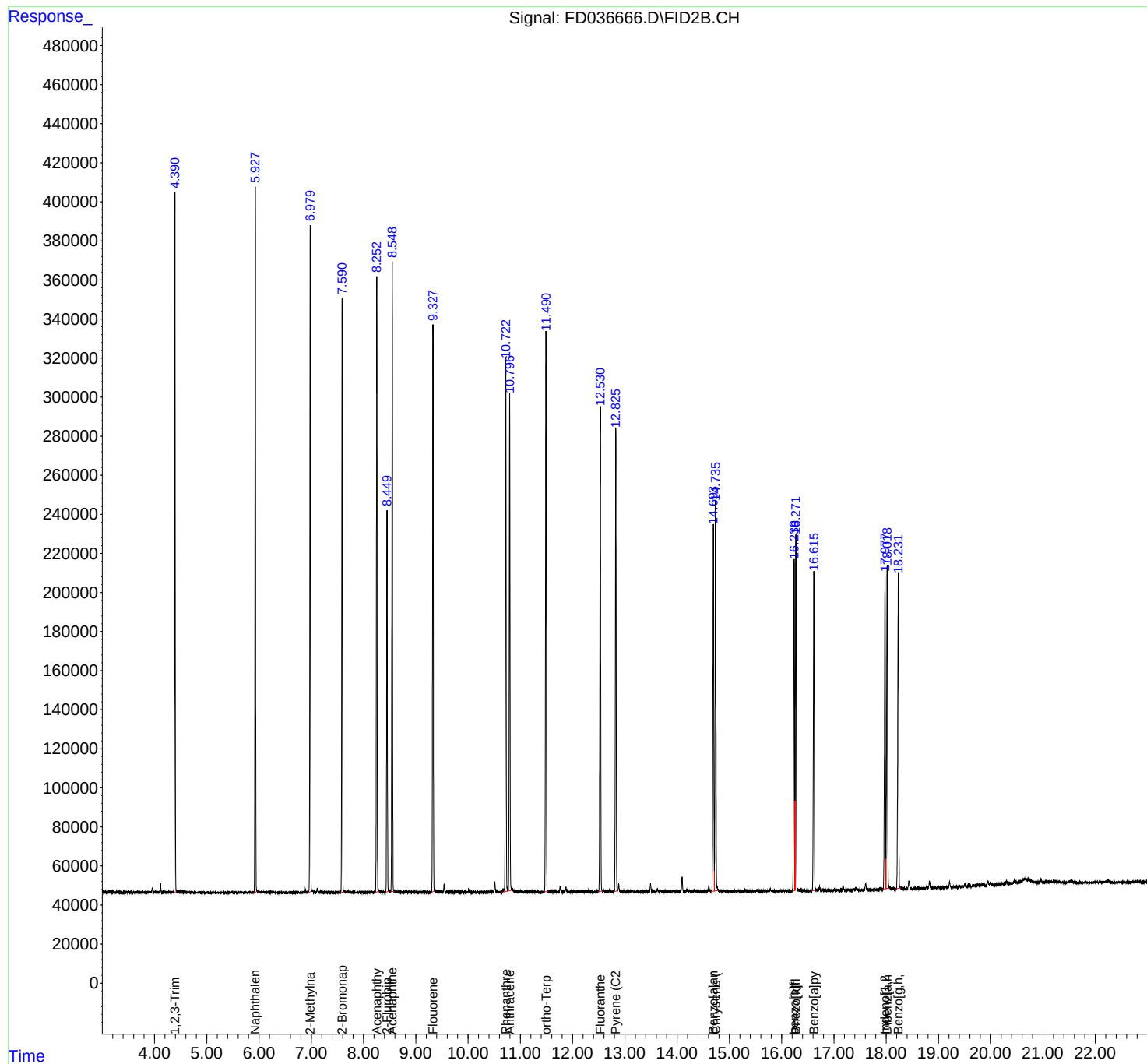
(m)=manual int.

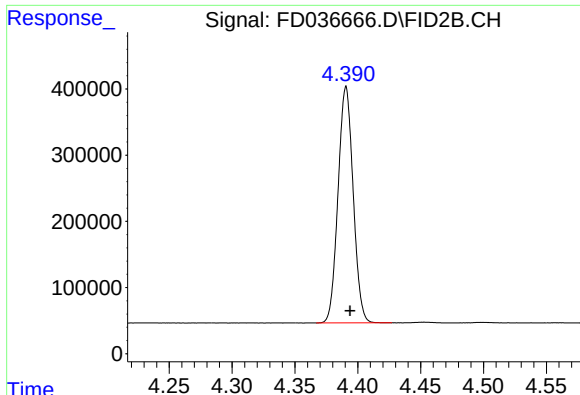
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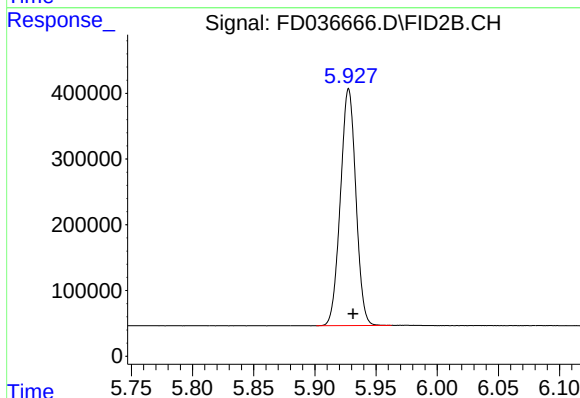




#1 1,2,3-Trimethylbenzene (C10.1)

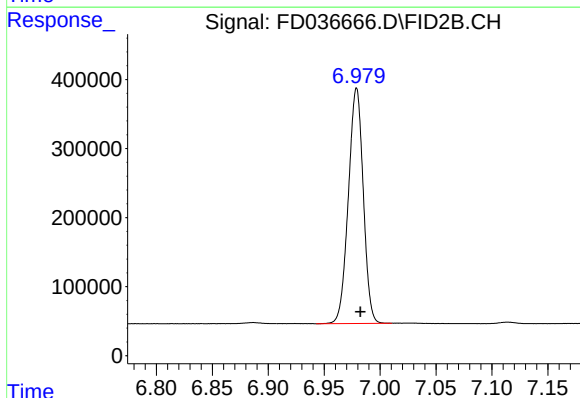
R.T.: 4.391 min
Delta R.T.: -0.003 min
Response: 2988225
Conc: 20.39 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



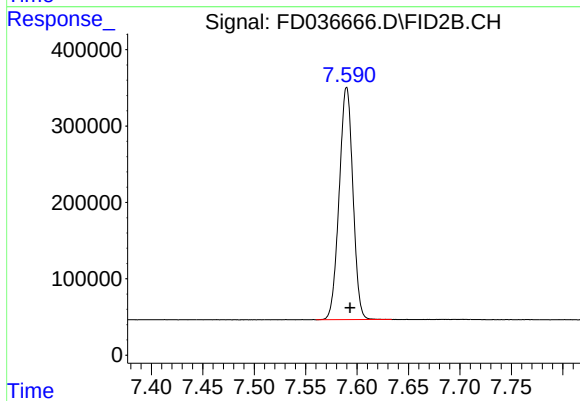
#2 Naphthalene (C11.7)

R.T.: 5.928 min
Delta R.T.: -0.004 min
Response: 3175375
Conc: 20.20 ug/ml



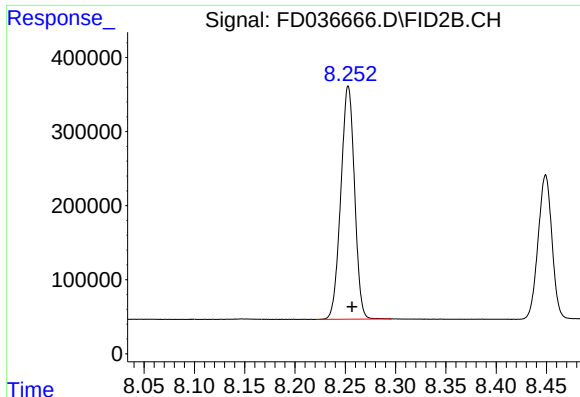
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.979 min
Delta R.T.: -0.003 min
Response: 3159715
Conc: 20.10 ug/ml



#4 2-Bromonaphthalene (SURR)

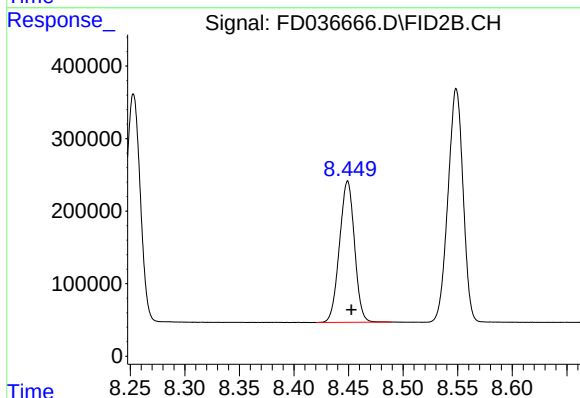
R.T.: 7.590 min
Delta R.T.: -0.003 min
Response: 2826530
Conc: 20.10 ug/ml



#5 Acenaphthylene (C15.06)

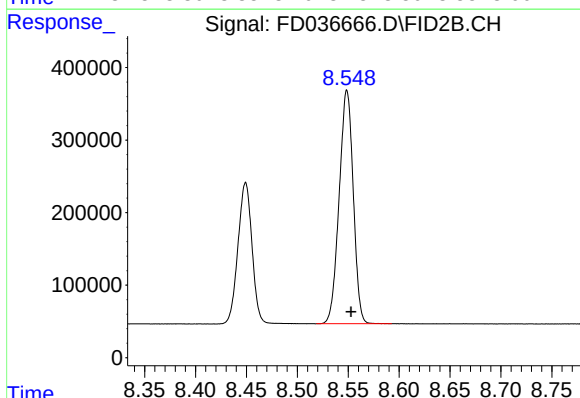
R.T.: 8.253 min
Delta R.T.: -0.004 min
Response: 2990045
Conc: 19.95 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



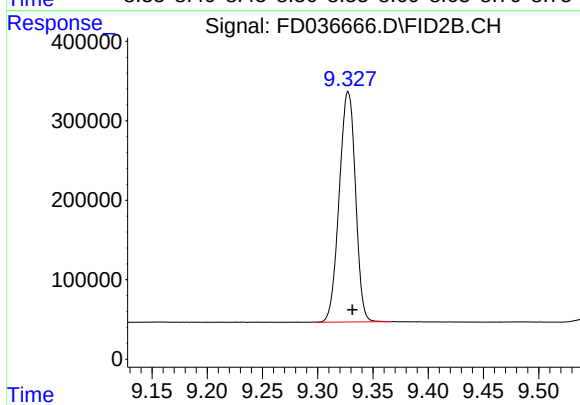
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.449 min
Delta R.T.: -0.003 min
Response: 1864771
Conc: 19.87 ug/ml



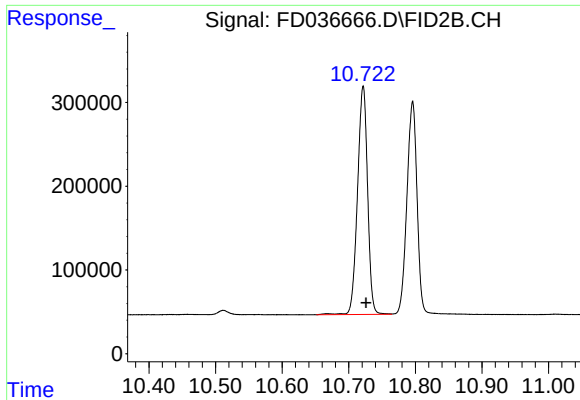
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: -0.004 min
Response: 3102389
Conc: 19.99 ug/ml



#8 Fluorene (C16.55)

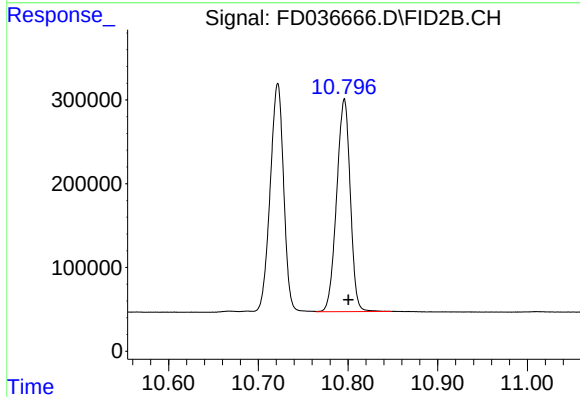
R.T.: 9.328 min
Delta R.T.: -0.004 min
Response: 2972373
Conc: 19.74 ug/ml



#9 Phenanthrene (C19.36)

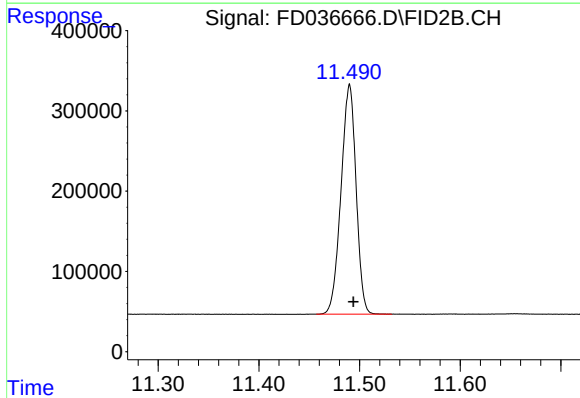
R.T.: 10.722 min
Delta R.T.: -0.004 min
Response: 2866832
Conc: 19.56 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



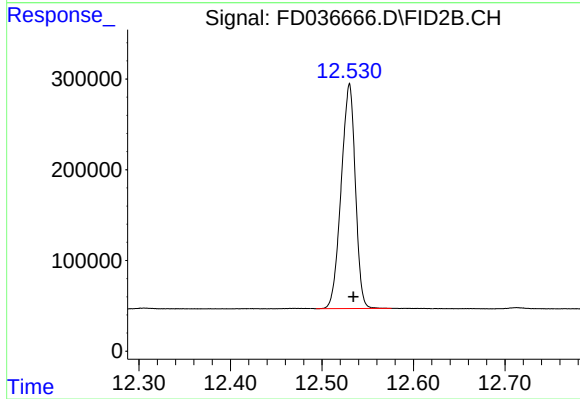
#10 Anthracene (C19.43)

R.T.: 10.796 min
Delta R.T.: -0.004 min
Response: 2678290
Conc: 18.50 ug/ml



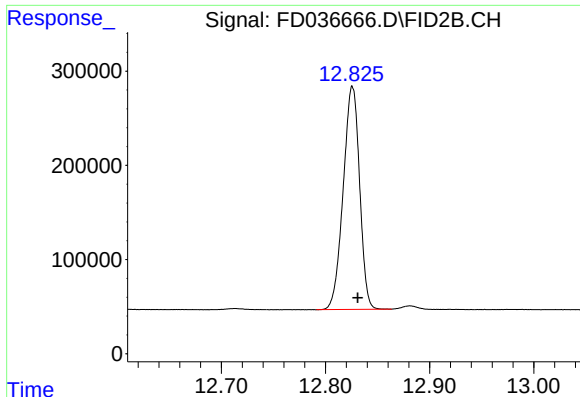
#11 ortho-Terphenyl (SURR)

R.T.: 11.490 min
Delta R.T.: -0.004 min
Response: 2976383
Conc: 19.49 ug/ml



#12 Fluoranthene (C21.85)

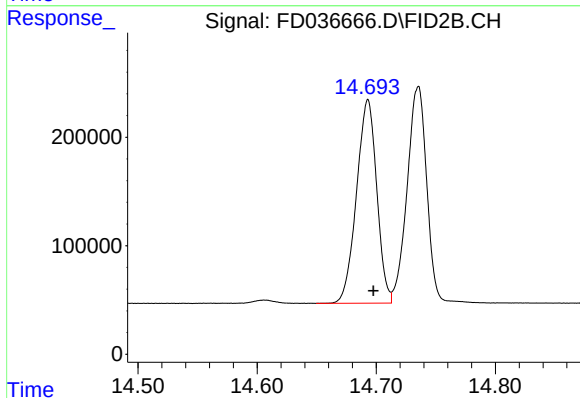
R.T.: 12.530 min
Delta R.T.: -0.004 min
Response: 2666640
Conc: 18.99 ug/ml



#13 Pyrene (C20.8)

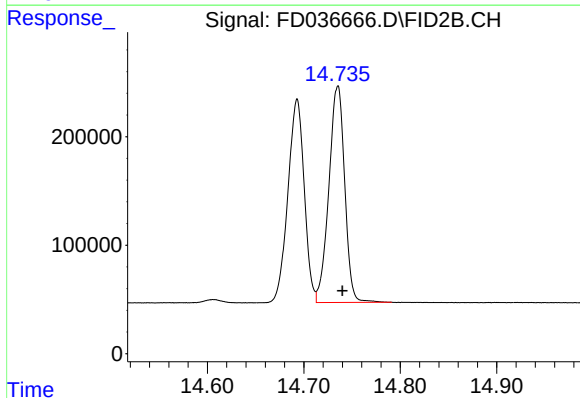
R.T.: 12.826 min
Delta R.T.: -0.005 min
Response: 2590771
Conc: 18.88 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



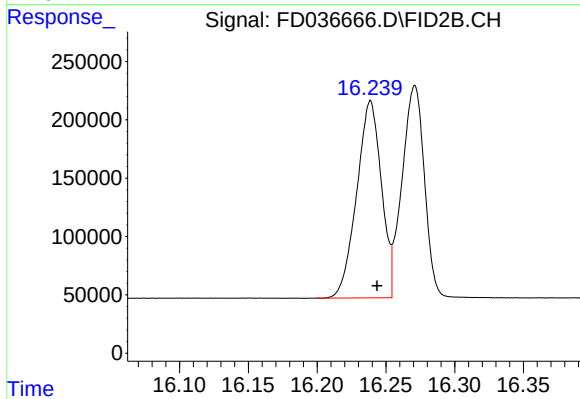
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.693 min
Delta R.T.: -0.005 min
Response: 2211111
Conc: 18.62 ug/ml



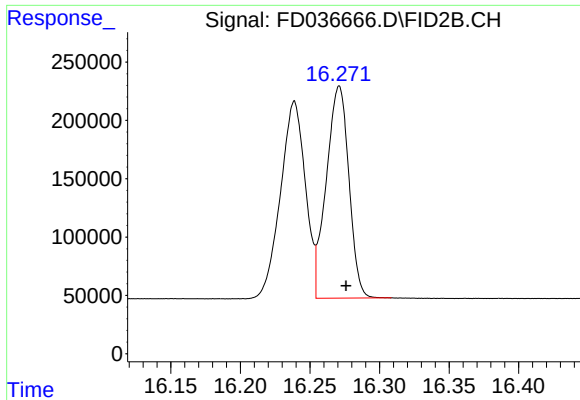
#15 Chrysene (C27.41)

R.T.: 14.735 min
Delta R.T.: -0.005 min
Response: 2287029
Conc: 18.91 ug/ml



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

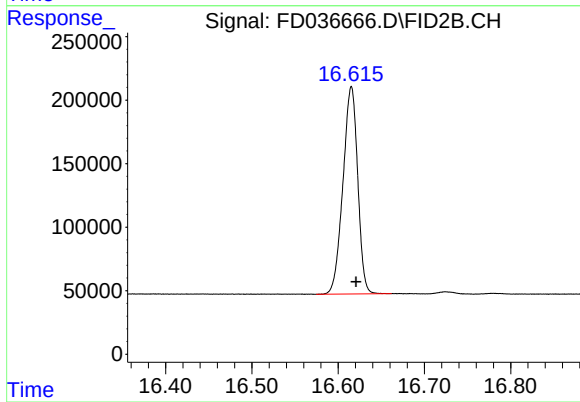
R.T.: 16.239 min
Delta R.T.: -0.005 min
Response: 2106910
Conc: 19.20 ug/ml



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

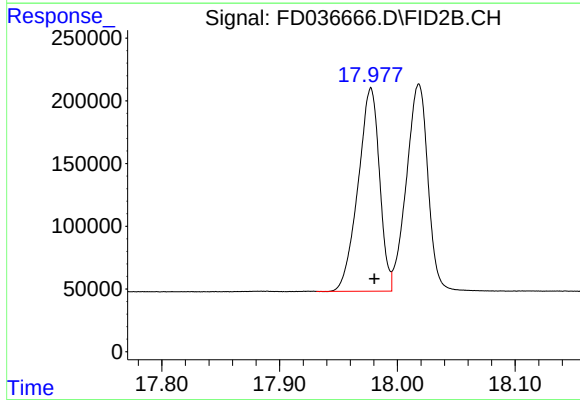
R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 2055146
Conc: 19.33 ug/ml

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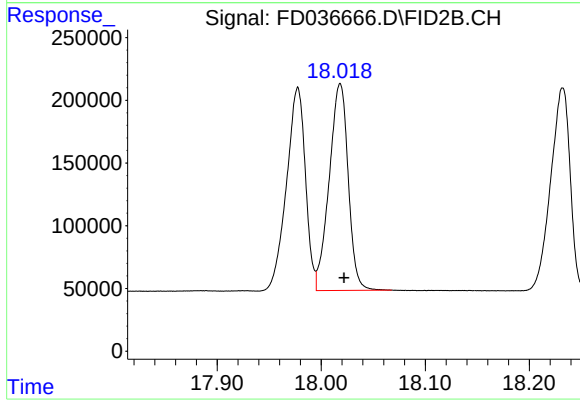
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.615 min
Delta R.T.: -0.005 min
Response: 1940230
Conc: 19.47 ug/ml



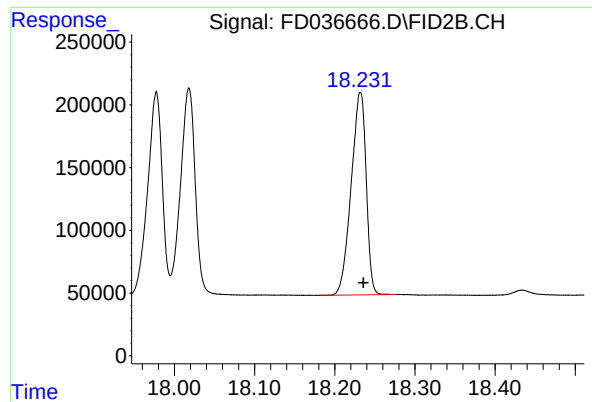
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.977 min
Delta R.T.: -0.003 min
Response: 2046618
Conc: 20.36 ug/ml



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

R.T.: 18.018 min
Delta R.T.: -0.004 min
Response: 2093711
Conc: 20.76 ug/ml



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

R.T.: 18.232 min
Delta R.T.: -0.004 min
Response: 2098093
Conc: 20.71 ug/ml

Instrument :
FID_D
ClientSampleId :
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