

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041521AR\
 Data File : FD036931.D
 Signal(s) : FID2B.CH
 Acq On : 15 Apr 2021 15:59
 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 16 02:16:11 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	2352346	16.726 ug/ml
Spiked Amount 50.000		Recovery =	33.45%
6) S 2-Fluorobiphenyl (SURR)	8.444	1512901	16.117 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	32.23%
11) S ortho-Terphenyl (SURR)	11.485	2412504	15.796 ug/ml
Spiked Amount 50.000		Recovery =	31.59%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.383	2602473	17.754 ug/ml
2) T Naphthalene (C11.7)	5.921	2694698	17.146 ug/ml
3) T 2-Methylnaphthalene (...)	6.973	2637417	16.781 ug/ml
5) T Acenaphthylene (C15.06)	8.248	2452447	16.367 ug/ml
7) T Acenaphthene (C15.5)	8.543	2536994	16.343 ug/ml
8) T Flouorene (C16.55)	9.323	2402733	15.959 ug/ml
9) T Phenanthrene (C19.36)	10.718	2249633	15.348 ug/ml
10) T Anthracene (C19.43)	10.791	2190815	15.133 ug/ml
12) T Fluoranthene (C21.85)	12.526	2116931	15.078 ug/ml
13) T Pyrene (C20.8)	12.823	2080982	15.167 ug/ml
14) T Benzo[a]anthracene (C...	14.692	1952388	16.440 ug/ml
15) T Chrysene (C27.41)	14.734	2019126	16.696 ug/ml
16) T benzo[b]fluoranthene ...	16.239	2043145	18.619 ug/ml
17) T Bnezo[k]fluoranthene ...	16.271	1984922	18.673 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.616	1904471	19.109 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	2002295	19.920 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	2014289	19.976 ug/ml
21) T Benzo[g,h,i]perylene ...	18.234	2054370	20.276 ug/ml

(f)=RT Delta > 1/2 Window

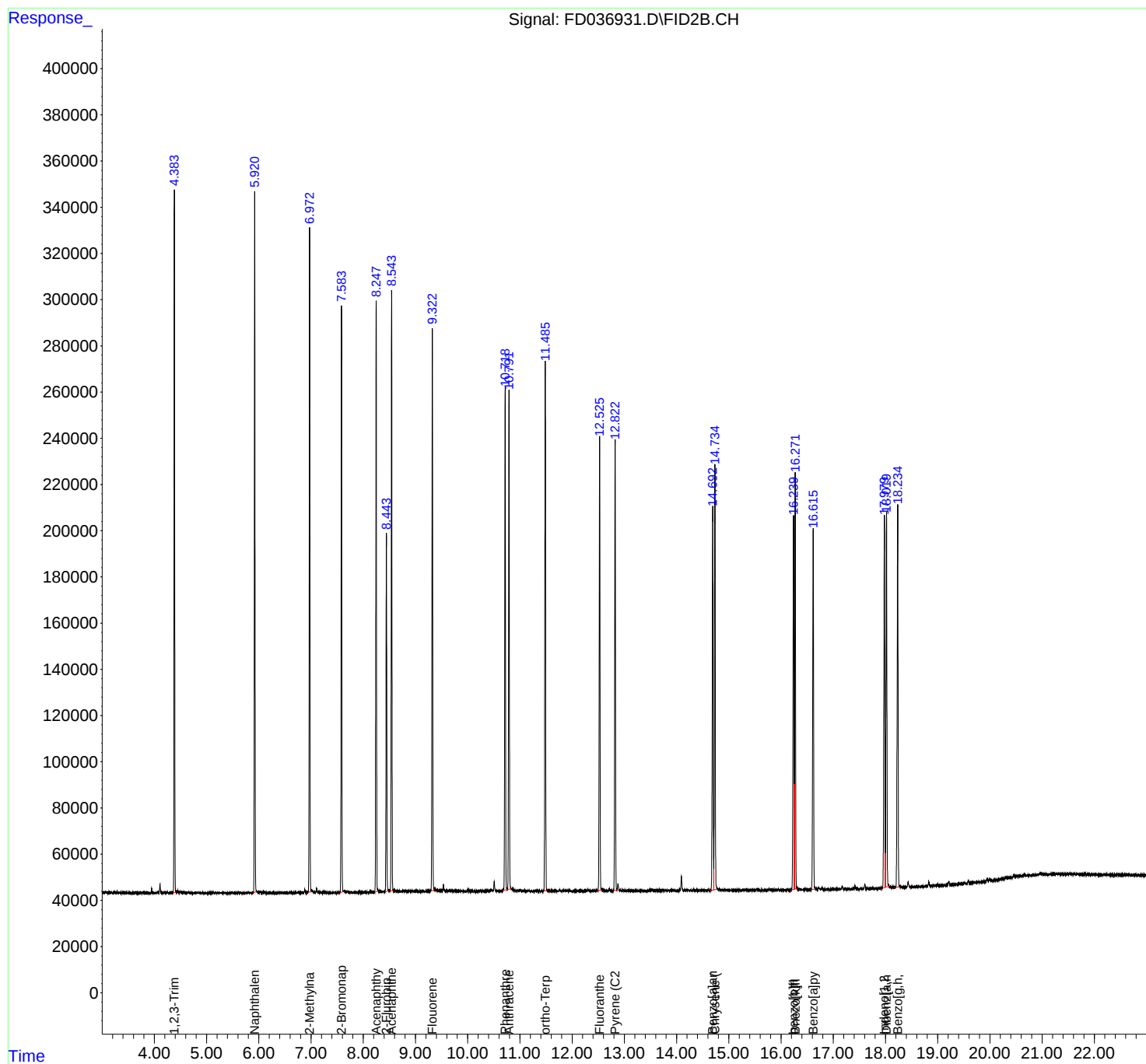
(m)=manual int.

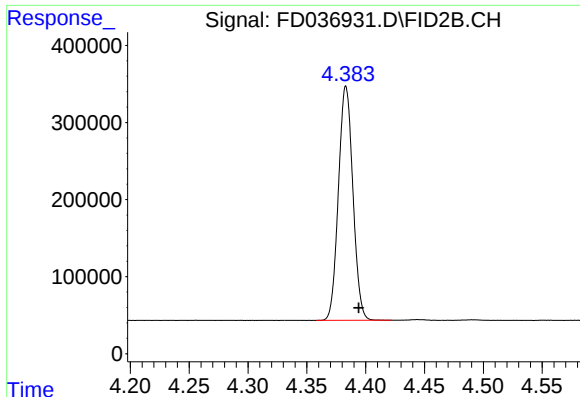
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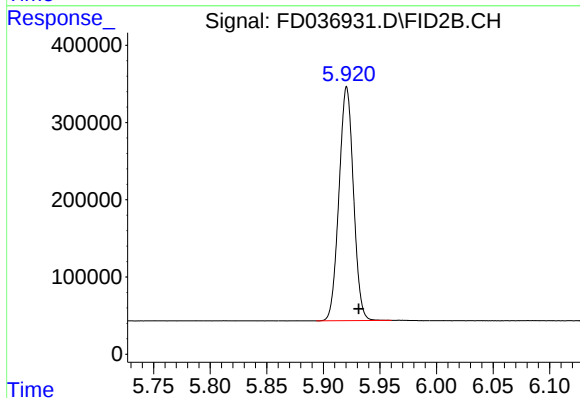




#1 1,2,3-Trimethylbenzene (C10.1)

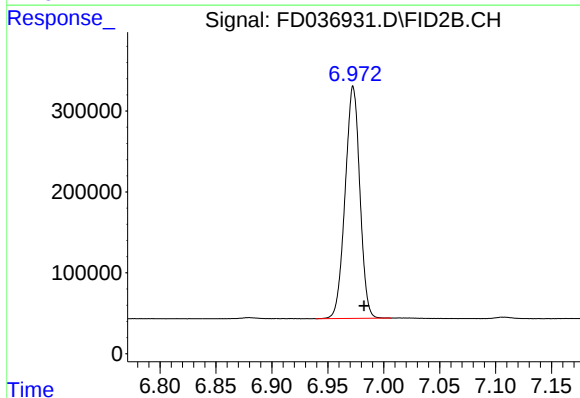
R.T.: 4.383 min
Delta R.T.: -0.011 min
Response: 2602473
Conc: 17.75 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



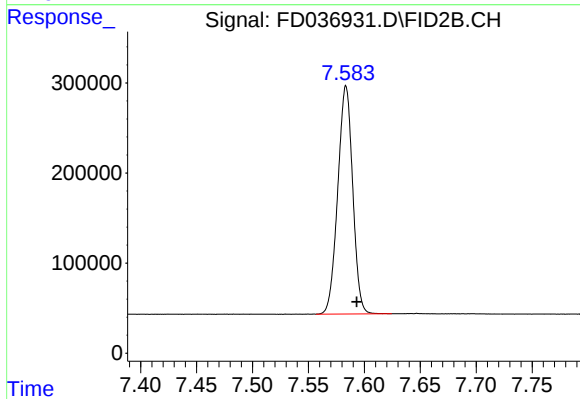
#2 Naphthalene (C11.7)

R.T.: 5.921 min
Delta R.T.: -0.011 min
Response: 2694698
Conc: 17.15 ug/ml



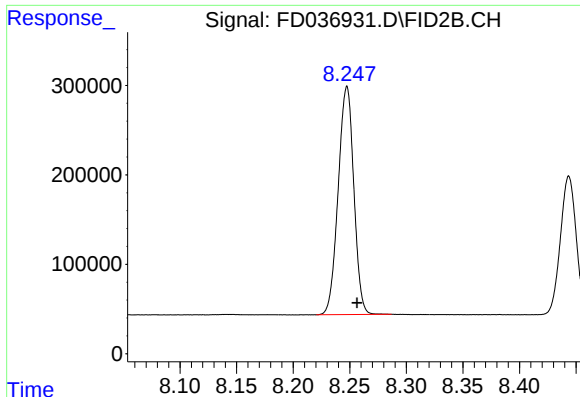
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.973 min
Delta R.T.: -0.010 min
Response: 2637417
Conc: 16.78 ug/ml



#4 2-Bromonaphthalene (SURR)

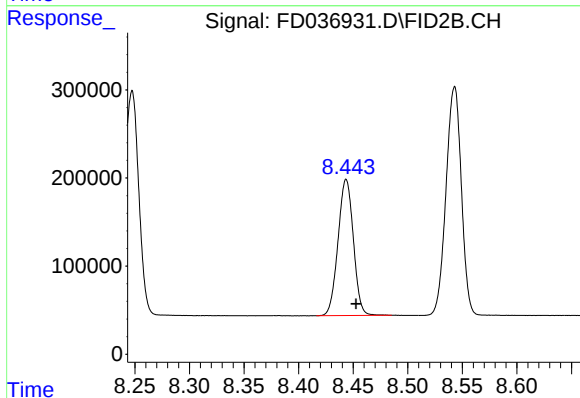
R.T.: 7.584 min
Delta R.T.: -0.010 min
Response: 2352346
Conc: 16.73 ug/ml



#5 Acenaphthylene (C15.06)

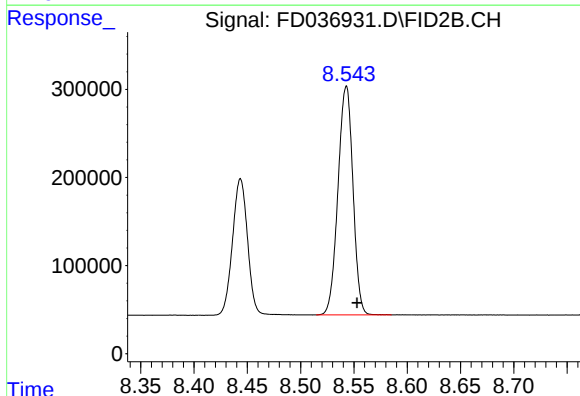
R.T.: 8.248 min
Delta R.T.: -0.009 min
Response: 2452447
Conc: 16.37 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



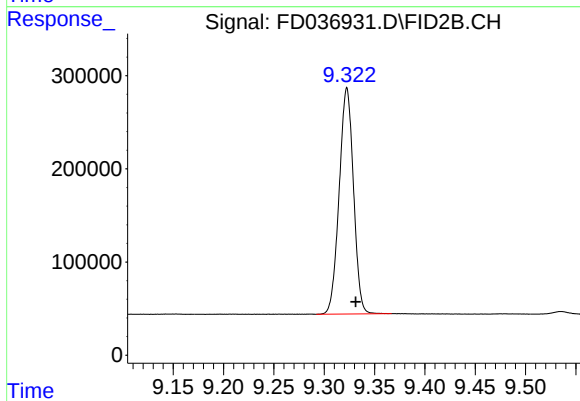
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.444 min
Delta R.T.: -0.009 min
Response: 1512901
Conc: 16.12 ug/ml



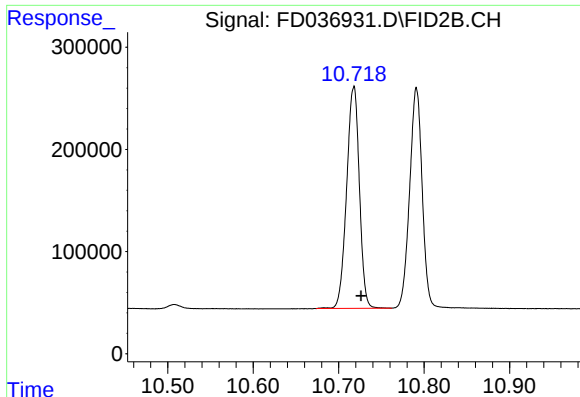
#7 Acenaphthene (C15.5)

R.T.: 8.543 min
Delta R.T.: -0.010 min
Response: 2536994
Conc: 16.34 ug/ml



#8 Flouorene (C16.55)

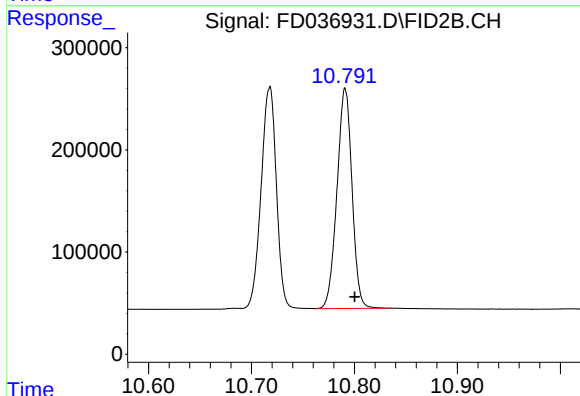
R.T.: 9.323 min
Delta R.T.: -0.009 min
Response: 2402733
Conc: 15.96 ug/ml



#9 Phenanthrene (C19.36)

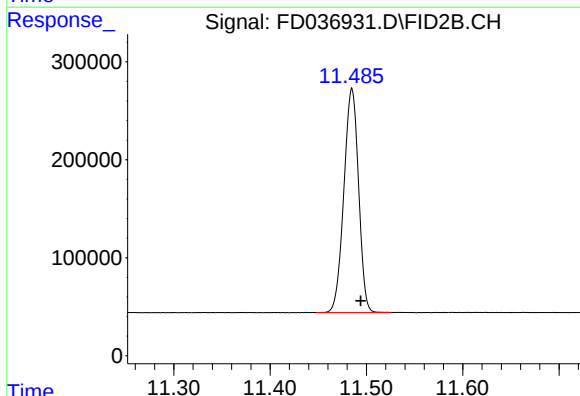
R.T.: 10.718 min
Delta R.T.: -0.008 min
Response: 2249633
Conc: 15.35 ug/ml

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20 PPM AROMATIC HC STD



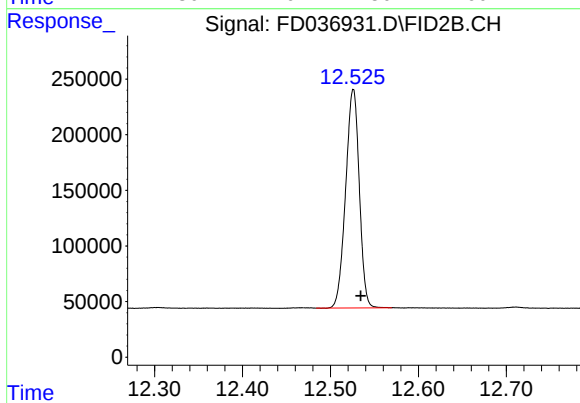
#10 Anthracene (C19.43)

R.T.: 10.791 min
Delta R.T.: -0.009 min
Response: 2190815
Conc: 15.13 ug/ml



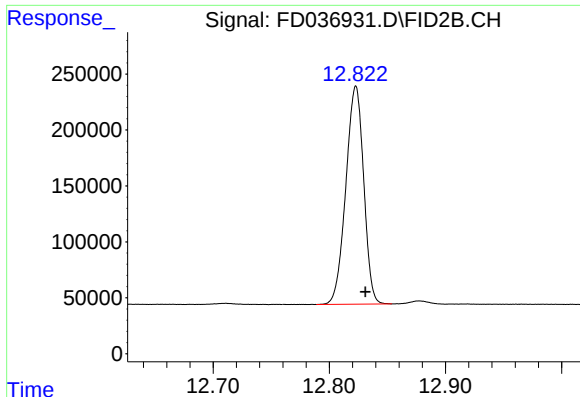
#11 ortho-Terphenyl (SURRE)

R.T.: 11.485 min
Delta R.T.: -0.009 min
Response: 2412504
Conc: 15.80 ug/ml



#12 Fluoranthene (C21.85)

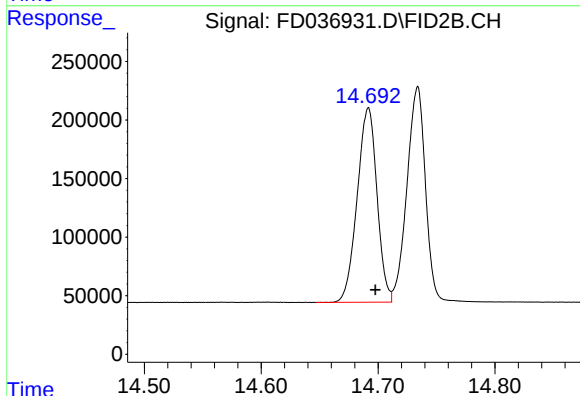
R.T.: 12.526 min
Delta R.T.: -0.008 min
Response: 2116931
Conc: 15.08 ug/ml



#13 Pyrene (C20.8)

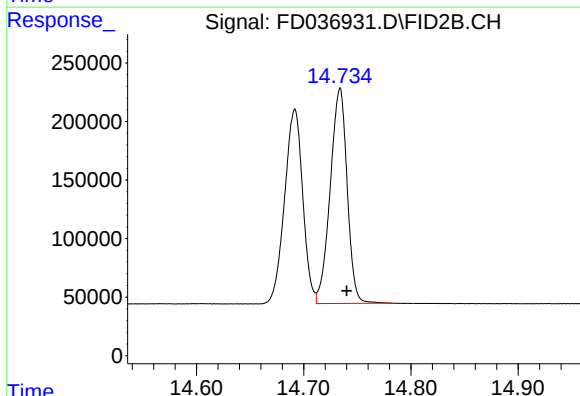
R.T.: 12.823 min
Delta R.T.: -0.008 min
Response: 2080982
Conc: 15.17 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



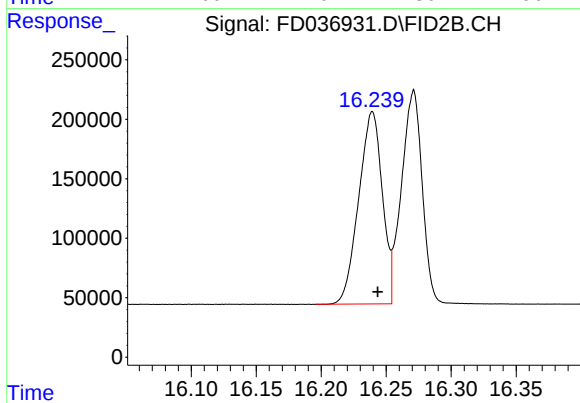
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.692 min
Delta R.T.: -0.006 min
Response: 1952388
Conc: 16.44 ug/ml



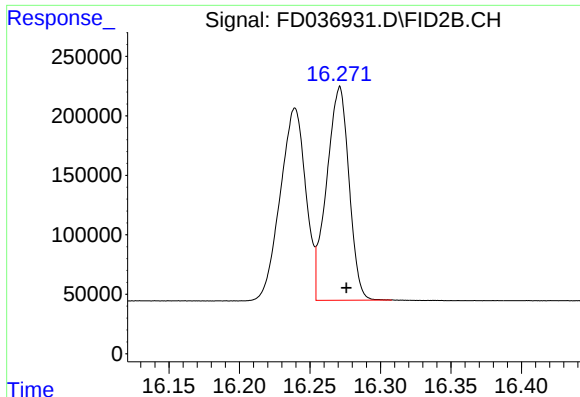
#15 Chrysene (C27.41)

R.T.: 14.734 min
Delta R.T.: -0.006 min
Response: 2019126
Conc: 16.70 ug/ml



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

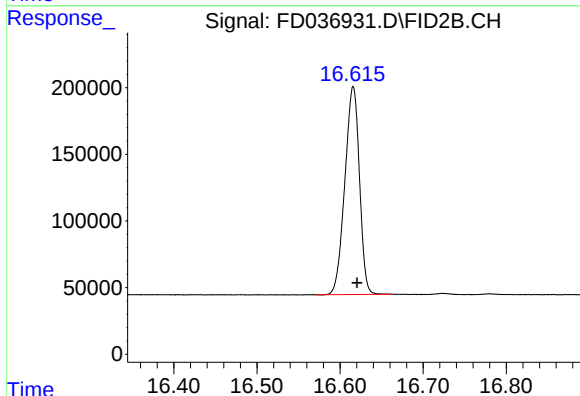
R.T.: 16.239 min
Delta R.T.: -0.004 min
Response: 2043145
Conc: 18.62 ug/ml



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

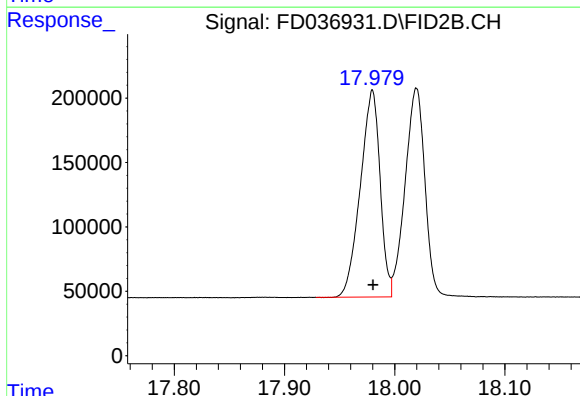
R.T.: 16.271 min
Delta R.T.: -0.005 min
Response: 1984922
Conc: 18.67 ug/ml

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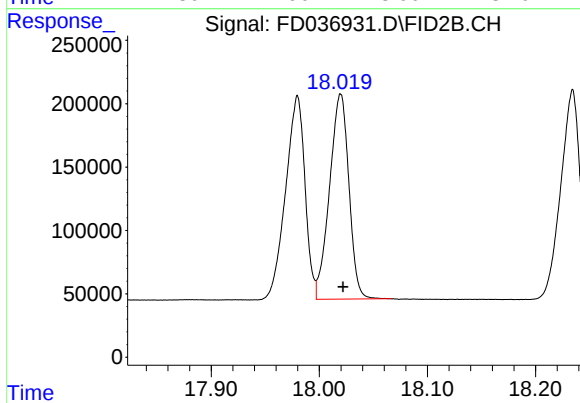
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.616 min
Delta R.T.: -0.005 min
Response: 1904471
Conc: 19.11 ug/ml



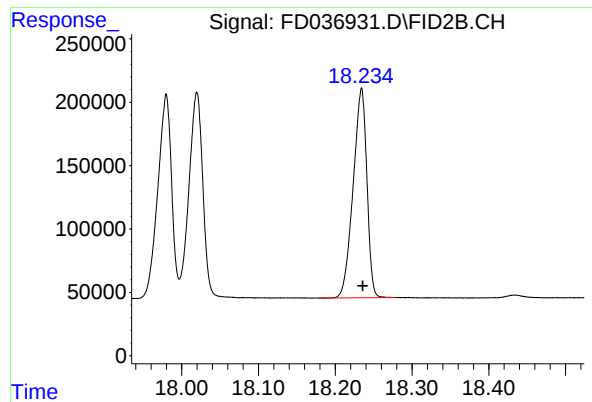
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: 0.000 min
Response: 2002295
Conc: 19.92 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 2014289
Conc: 19.98 ug/ml



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

R.T.: 18.234 min
Delta R.T.: -0.002 min
Response: 2054370
Conc: 20.28 ug/ml

Instrument :
FID_D
ClientSampleId :
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