

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032621AR\
 Data File : FD036591.D
 Signal(s) : FID2B.CH
 Acq On : 27 Mar 2021 6:44
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 27 07:23:52 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...	7.591	2846595	20.240 ug/ml
Spiked Amount 50.000		Recovery =	40.48%
6) S 2-Fluorobiphenyl (SURR)	8.451	1890919	20.144 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.29%
11) S ortho-Terphenyl (SURR)	11.492	3032807	19.857 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.393	2994758	20.431 ug/ml
2) T Naphthalene (C11.7)	5.929	3188129	20.286 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	3180905	20.239 ug/ml
5) T Acenaphthylene (C15.06)	8.255	3017965	20.141 ug/ml
7) T Acenaphthene (C15.5)	8.551	3129796	20.162 ug/ml
8) T Flouorene (C16.55)	9.330	3025795	20.097 ug/ml
9) T Phenanthrene (C19.36)	10.724	2903536	19.810 ug/ml
10) T Anthracene (C19.43)	10.798	2806501	19.386 ug/ml
12) T Fluoranthene (C21.85)	12.533	2745910	19.558 ug/ml
13) T Pyrene (C20.8)	12.829	2676833	19.510 ug/ml
14) T Benzo[a]anthracene (C...	14.696	2289412	19.278 ug/ml
15) T Chrysene (C27.41)	14.738	2343346	19.377 ug/ml
16) T benzo[b]fluoranthene ...	16.242	2108591	19.216 ug/ml
17) T Bnezo[k]fluoranthene ...	16.274	2045242	19.241 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.618	1907775	19.143 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	1951449	19.414 ug/ml
20) T Dibenz[a,h]anthracene...	18.020	1976786	19.604 ug/ml
21) T Benzo[g,h,i]perylene ...	18.233	1991402	19.654 ug/ml

(f)=RT Delta > 1/2 Window

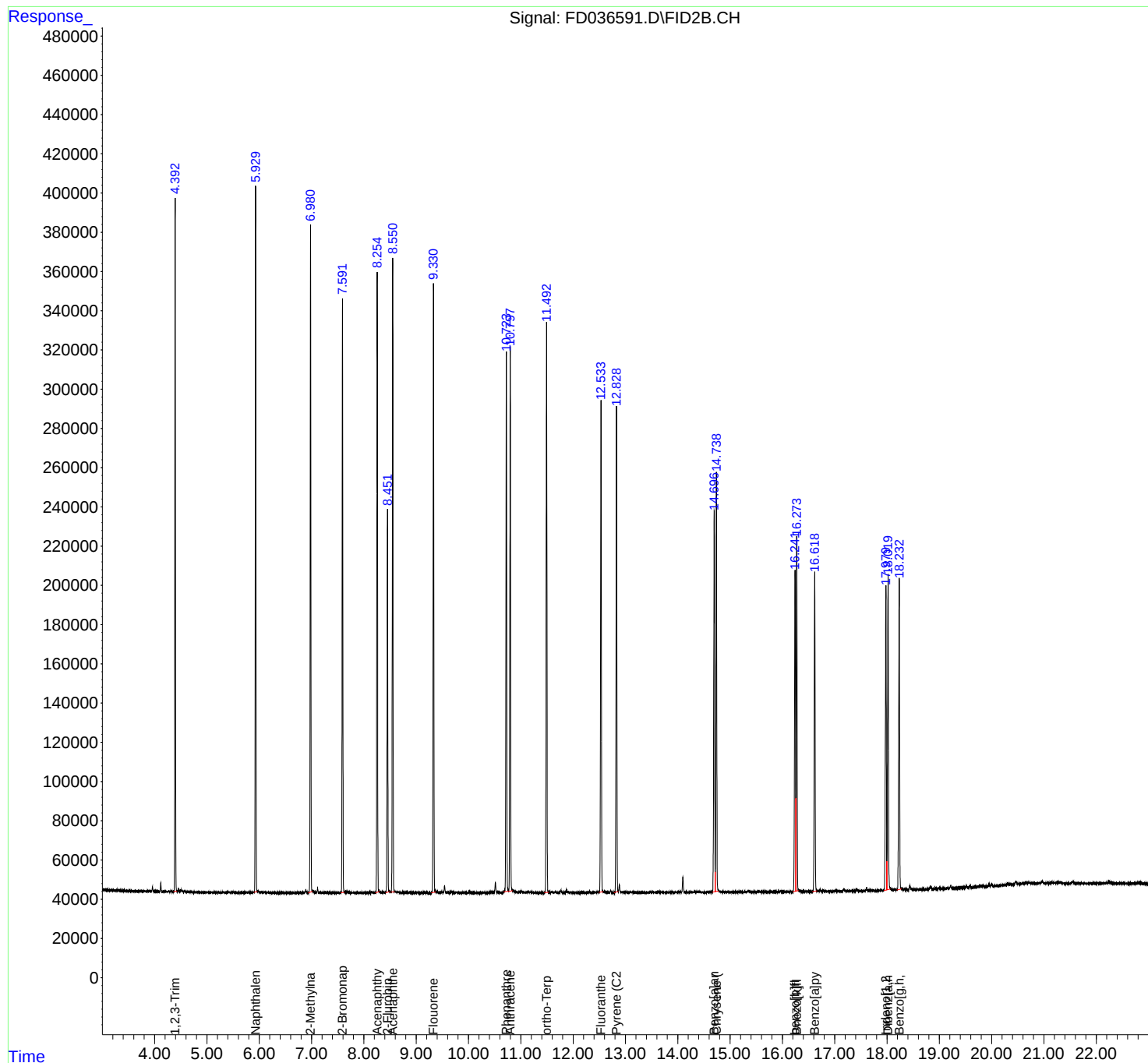
(m)=manual int.

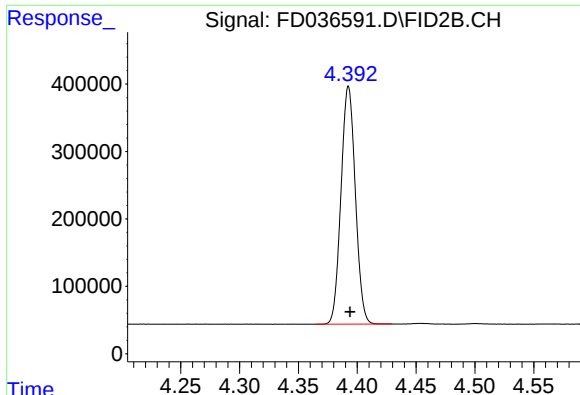
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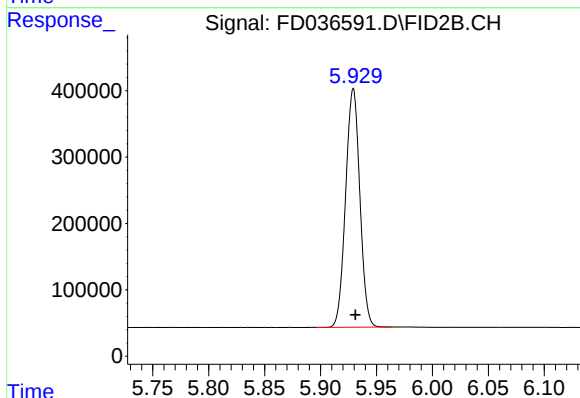




#1 1,2,3-Trimethylbenzene (C10.1)

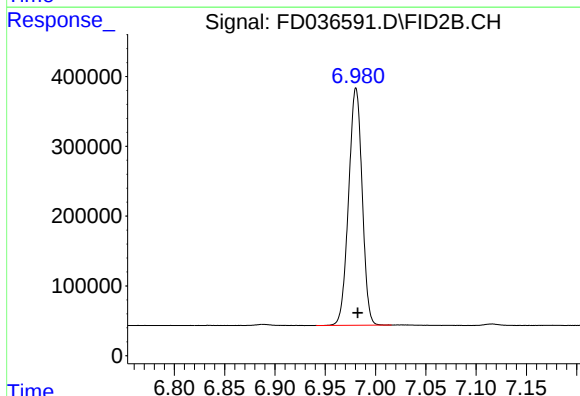
R.T.: 4.393 min
Delta R.T.: -0.001 min
Response: 2994758
Conc: 20.43 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



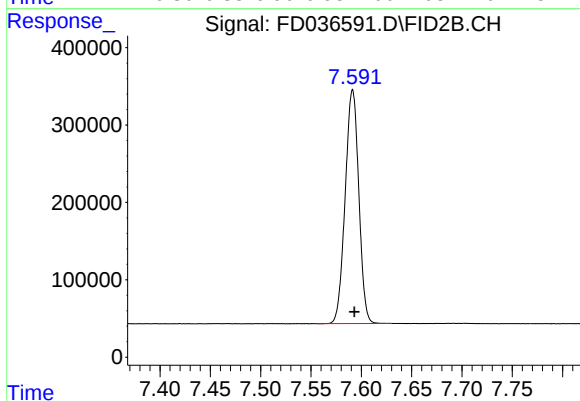
#2 Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 3188129
Conc: 20.29 ug/ml



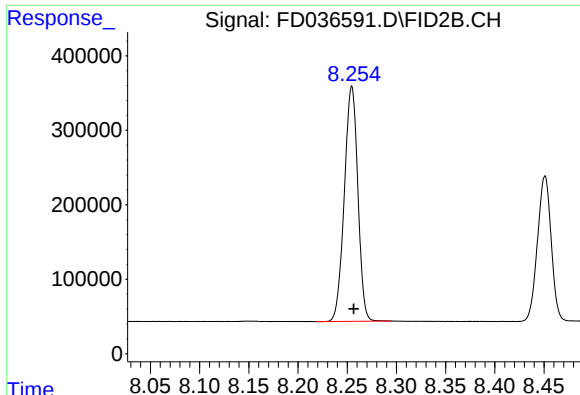
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 3180905
Conc: 20.24 ug/ml



#4 2-Bromonaphthalene (SURR)

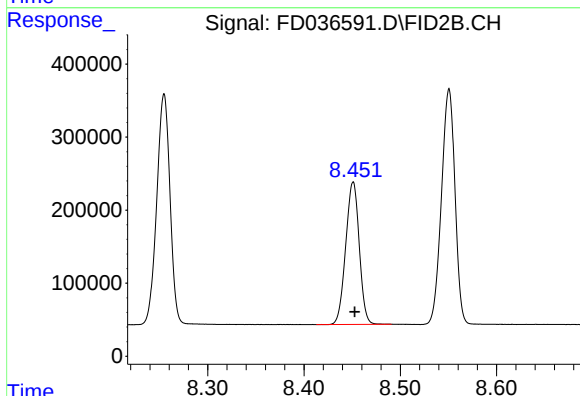
R.T.: 7.591 min
Delta R.T.: -0.002 min
Response: 2846595
Conc: 20.24 ug/ml



#5 Acenaphthylene (C15.06)

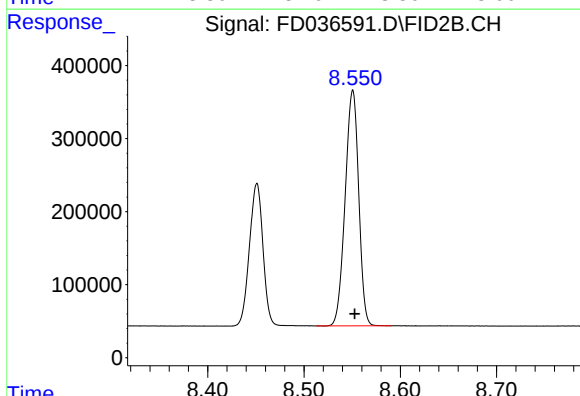
R.T.: 8.255 min
Delta R.T.: -0.002 min
Response: 3017965
Conc: 20.14 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



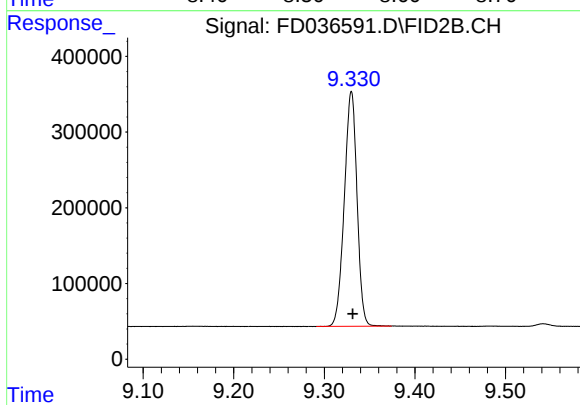
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.451 min
Delta R.T.: -0.002 min
Response: 1890919
Conc: 20.14 ug/ml



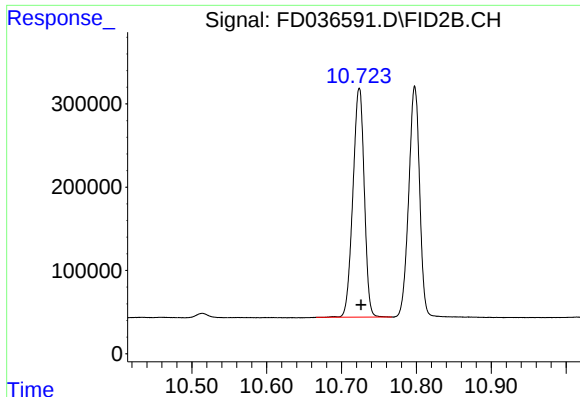
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: -0.002 min
Response: 3129796
Conc: 20.16 ug/ml



#8 Fluorene (C16.55)

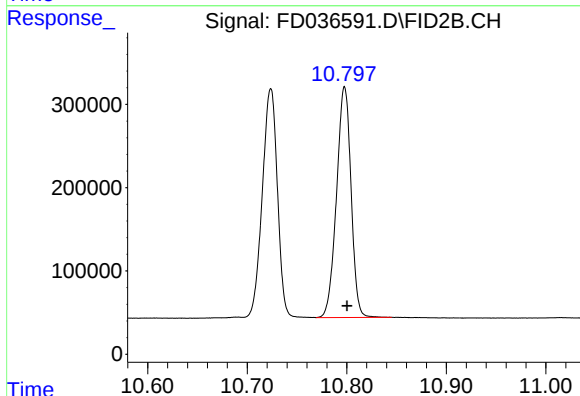
R.T.: 9.330 min
Delta R.T.: -0.001 min
Response: 3025795
Conc: 20.10 ug/ml



#9 Phenanthrene (C19.36)

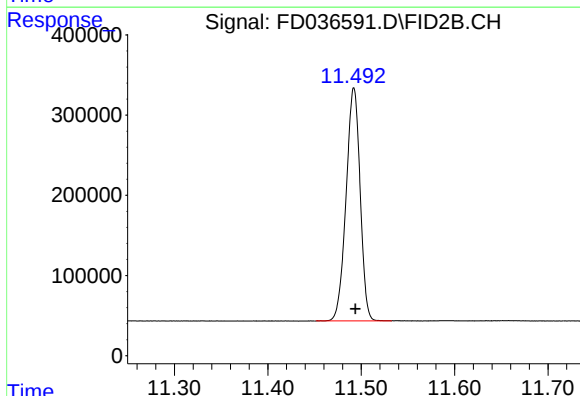
R.T.: 10.724 min
Delta R.T.: -0.002 min
Response: 2903536
Conc: 19.81 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



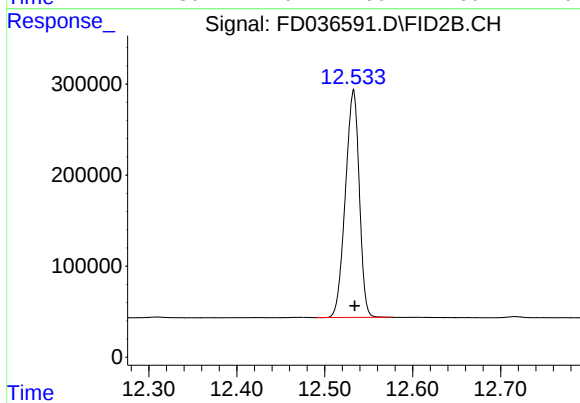
#10 Anthracene (C19.43)

R.T.: 10.798 min
Delta R.T.: -0.002 min
Response: 2806501
Conc: 19.39 ug/ml



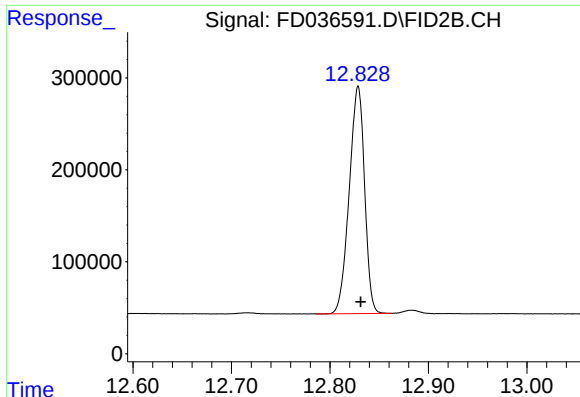
#11 ortho-Terphenyl (SURRE)

R.T.: 11.492 min
Delta R.T.: -0.002 min
Response: 3032807
Conc: 19.86 ug/ml



#12 Fluoranthene (C21.85)

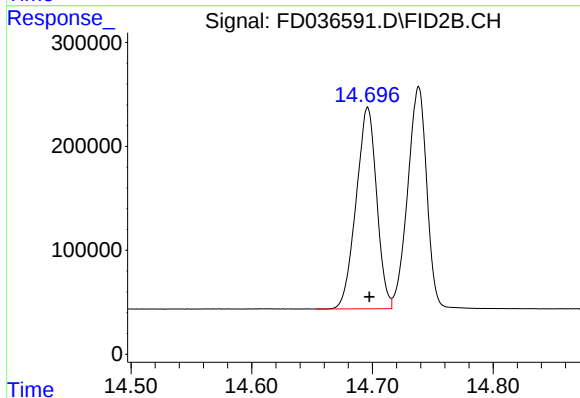
R.T.: 12.533 min
Delta R.T.: -0.002 min
Response: 2745910
Conc: 19.56 ug/ml



#13 Pyrene (C20.8)

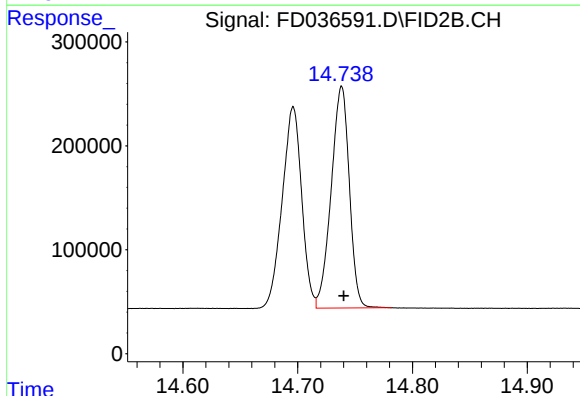
R.T.: 12.829 min
Delta R.T.: -0.002 min
Response: 2676833
Conc: 19.51 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



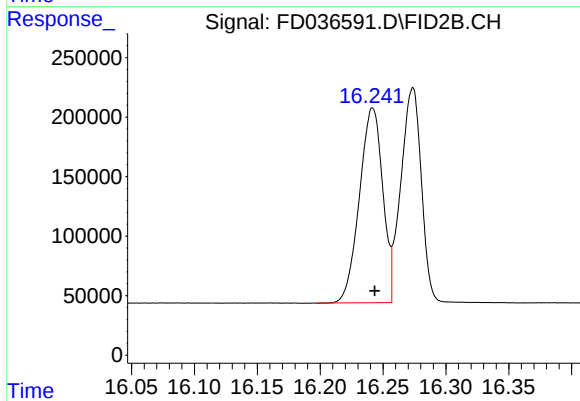
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.696 min
Delta R.T.: -0.001 min
Response: 2289412
Conc: 19.28 ug/ml



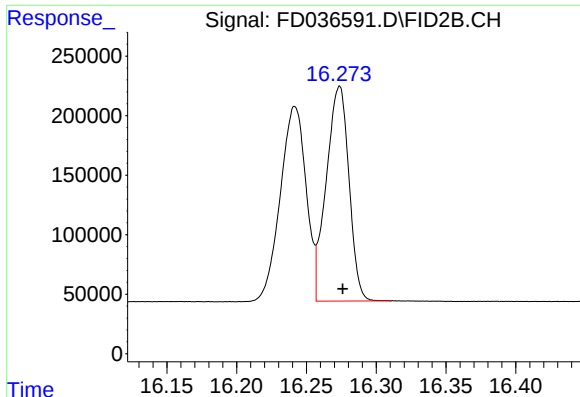
#15 Chrysene (C27.41)

R.T.: 14.738 min
Delta R.T.: -0.002 min
Response: 2343346
Conc: 19.38 ug/ml



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

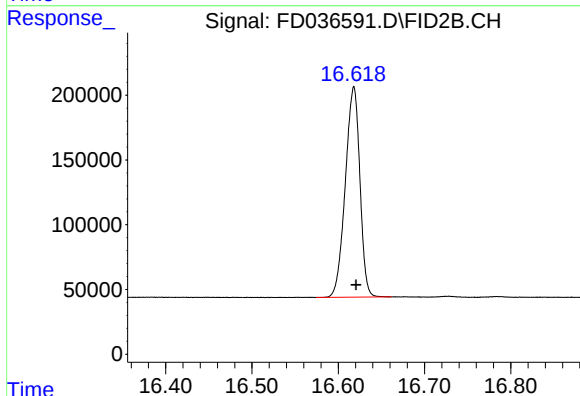
R.T.: 16.242 min
Delta R.T.: -0.002 min
Response: 2108591
Conc: 19.22 ug/ml



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

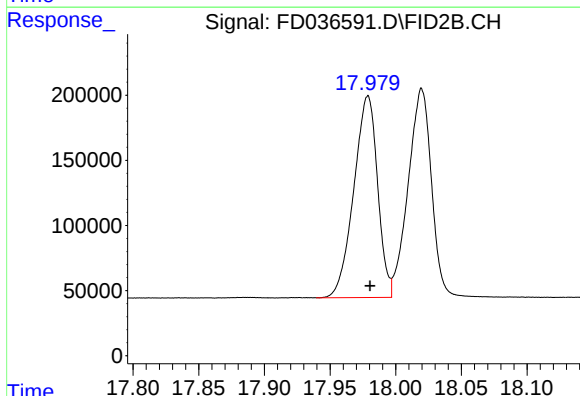
R.T.: 16.274 min
Delta R.T.: -0.002 min
Response: 2045242
Conc: 19.24 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



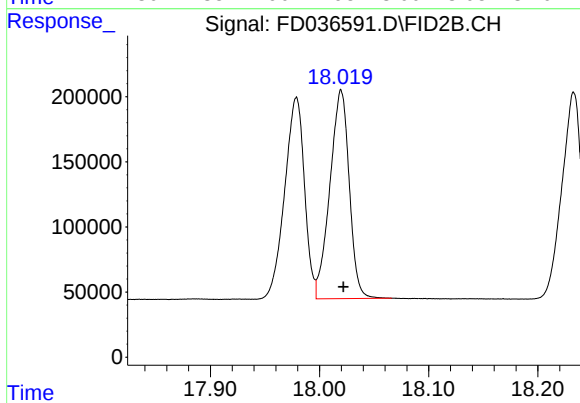
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.618 min
Delta R.T.: -0.002 min
Response: 1907775
Conc: 19.14 ug/ml



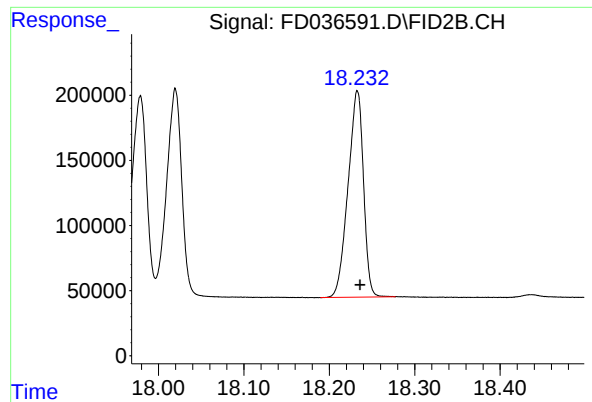
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.979 min
Delta R.T.: -0.002 min
Response: 1951449
Conc: 19.41 ug/ml



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

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 1976786
Conc: 19.60 ug/ml



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

R.T.: 18.233 min
Delta R.T.: -0.003 min
Response: 1991402
Conc: 19.65 ug/ml

Instrument :
FID_D
ClientSampleId :
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