

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032321AR\
 Data File : FD036521.D
 Signal(s) : FID2B.CH
 Acq On : 24 Mar 2021 8:59
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 24 11:05:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 10:39:27 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...	7.593	1422557	10.016 ug/ml
Spiked Amount 50.000		Recovery =	20.03%
6) S 2-Fluorobiphenyl (SURR)	8.452	943266	9.922 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.84%
11) S ortho-Terphenyl (SURR)	11.493	1555526	10.129 ug/ml
Spiked Amount 50.000		Recovery =	20.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	1497692	10.153 ug/ml
2) T Naphthalene (C11.7)	5.931	1595343	10.084 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	1590406	10.048 ug/ml
5) T Acenaphthylene (C15.06)	8.256	1508320	9.936 ug/ml
7) T Acenaphthene (C15.5)	8.551	1573913	10.047 ug/ml
8) T Flouorene (C16.55)	9.330	1521450	9.990 ug/ml
9) T Phenanthrene (C19.36)	10.723	1484189	10.004 ug/ml
10) T Anthracene (C19.43)	10.798	1460788	9.997 ug/ml
12) T Fluoranthene (C21.85)	12.532	1425051	10.095 ug/ml
13) T Pyrene (C20.8)	12.827	1389073	10.086 ug/ml
14) T Benzo[a]anthracene (C...	14.693	1196577	10.007 ug/ml
15) T Chrysene (C27.41)	14.736	1222423	10.017 ug/ml
16) T benzo[b]fluoranthene ...	16.239	1109094	10.080 ug/ml
17) T Bnezo[k]fluoranthene ...	16.270	1080314	10.124 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.615	1013232	10.148 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.975	1022677	10.222 ug/ml
20) T Dibenz[a,h]anthracene...	18.016	1048727	10.283 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	1041672	10.239 ug/ml

(f)=RT Delta > 1/2 Window

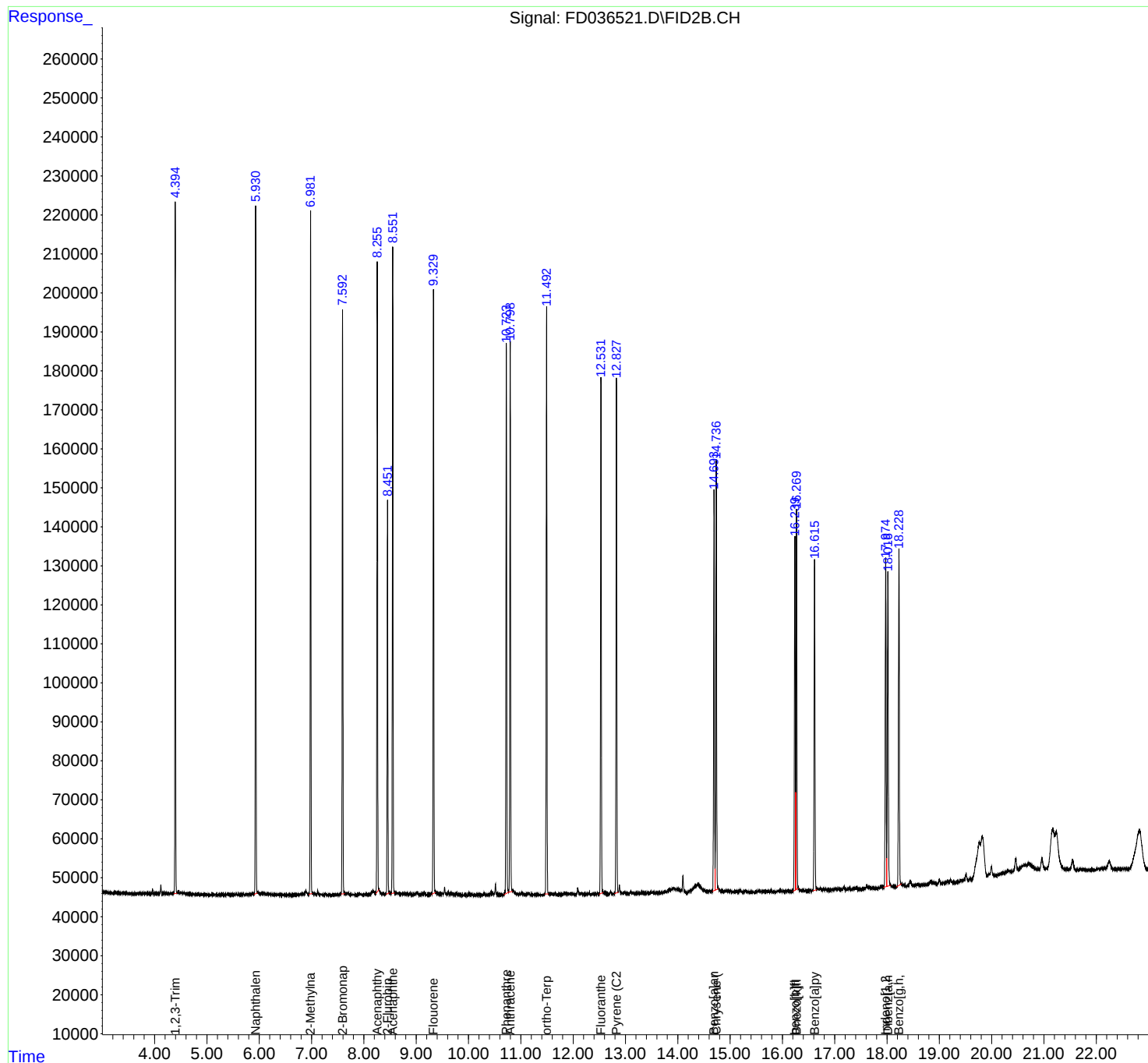
(m)=manual int.

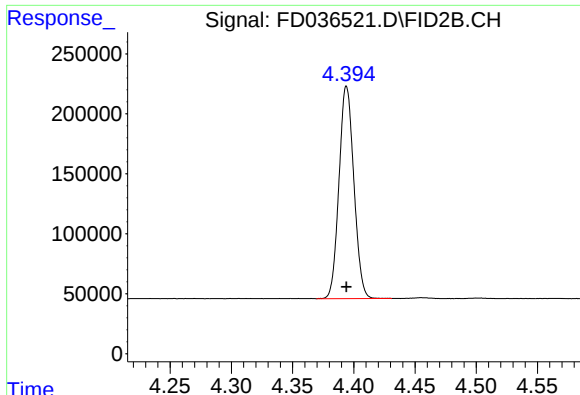
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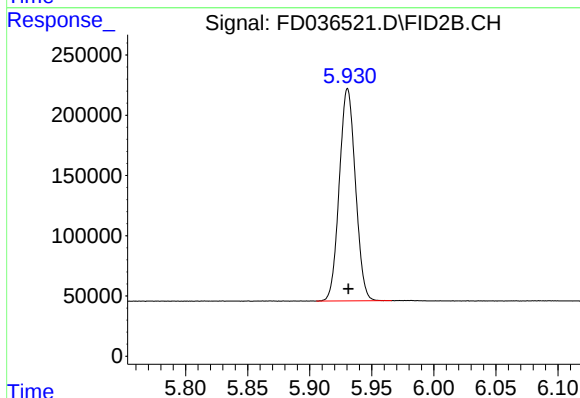




#1 1,2,3-Trimethylbenzene (C10.1)

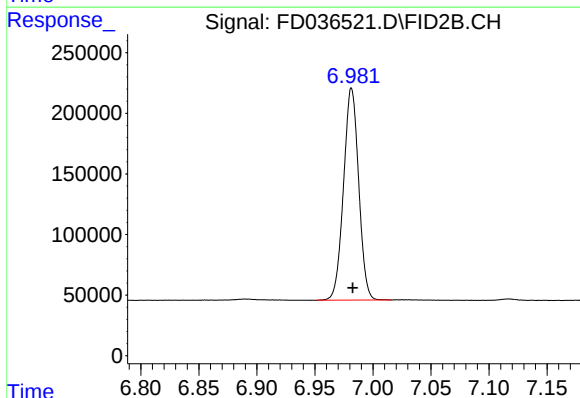
R.T.: 4.394 min
Delta R.T.: 0.000 min
Response: 1497692
Conc: 10.15 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



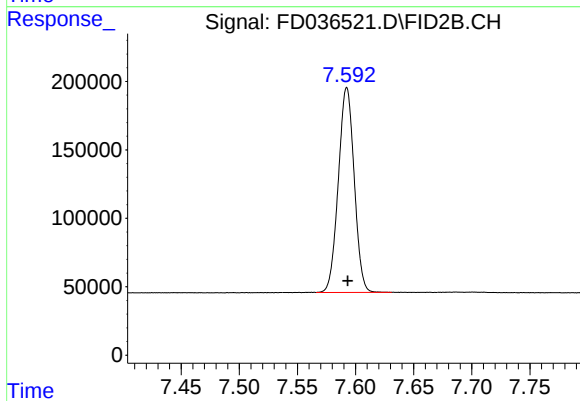
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 1595343
Conc: 10.08 ug/ml



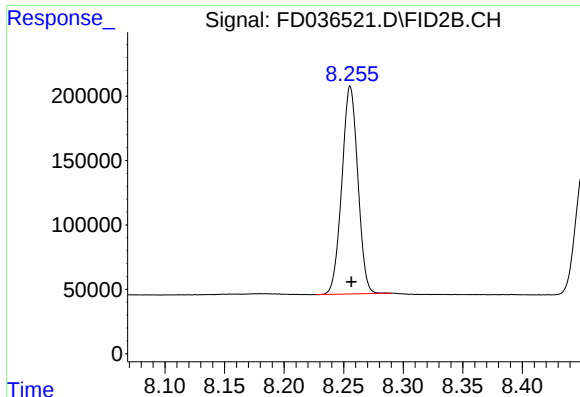
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 1590406
Conc: 10.05 ug/ml



#4 2-Bromonaphthalene (SURR)

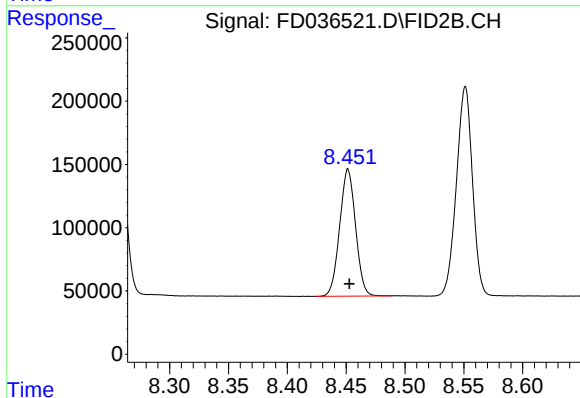
R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 1422557
Conc: 10.02 ug/ml



#5 Acenaphthylene (C15.06)

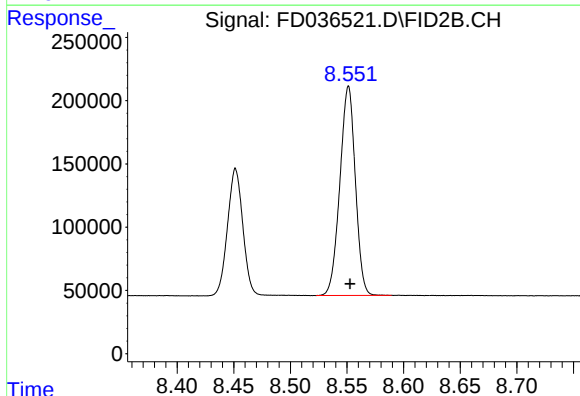
R.T.: 8.256 min
Delta R.T.: -0.001 min
Response: 1508320
Conc: 9.94 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



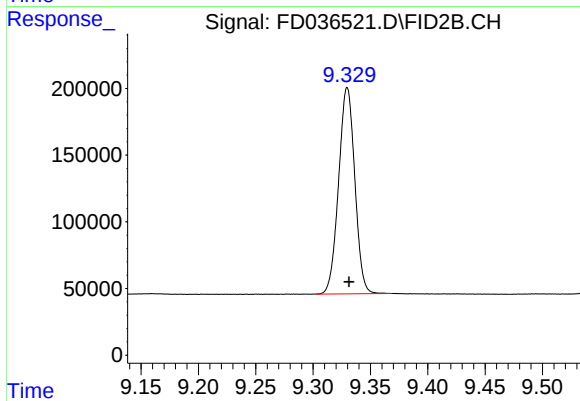
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.452 min
Delta R.T.: -0.001 min
Response: 943266
Conc: 9.92 ug/ml



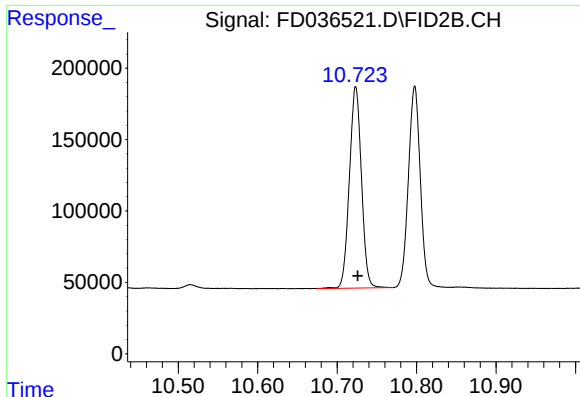
#7 Acenaphthene (C15.5)

R.T.: 8.551 min
Delta R.T.: -0.001 min
Response: 1573913
Conc: 10.05 ug/ml



#8 Flouorene (C16.55)

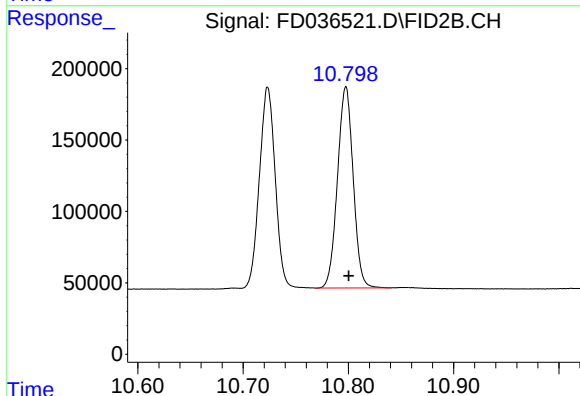
R.T.: 9.330 min
Delta R.T.: -0.002 min
Response: 1521450
Conc: 9.99 ug/ml



#9 Phenanthrene (C19.36)

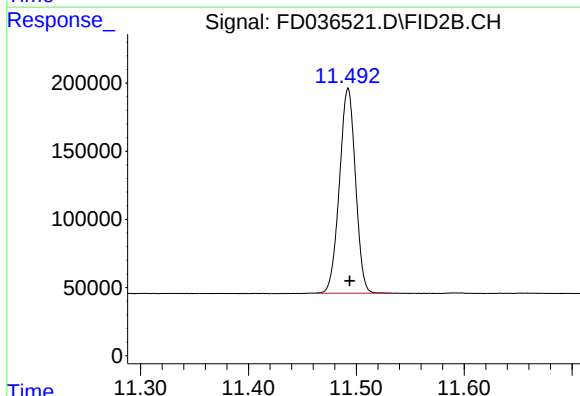
R.T.: 10.723 min
Delta R.T.: -0.003 min
Response: 1484189
Conc: 10.00 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



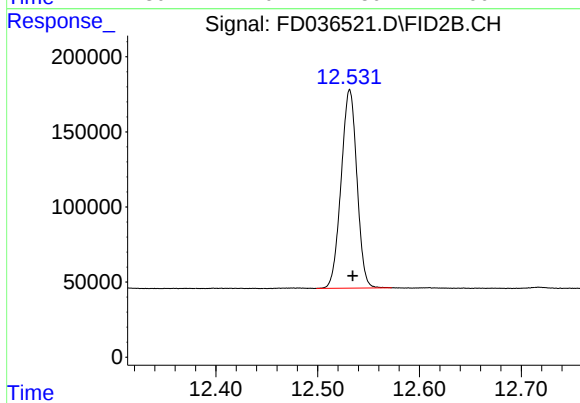
#10 Anthracene (C19.43)

R.T.: 10.798 min
Delta R.T.: -0.002 min
Response: 1460788
Conc: 10.00 ug/ml



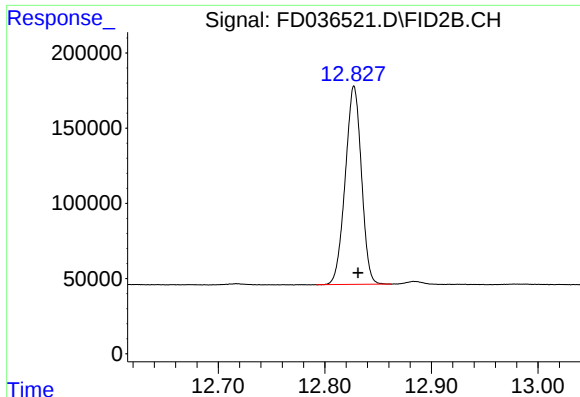
#11 ortho-Terphenyl (SURR)

R.T.: 11.493 min
Delta R.T.: -0.001 min
Response: 1555526
Conc: 10.13 ug/ml



#12 Fluoranthene (C21.85)

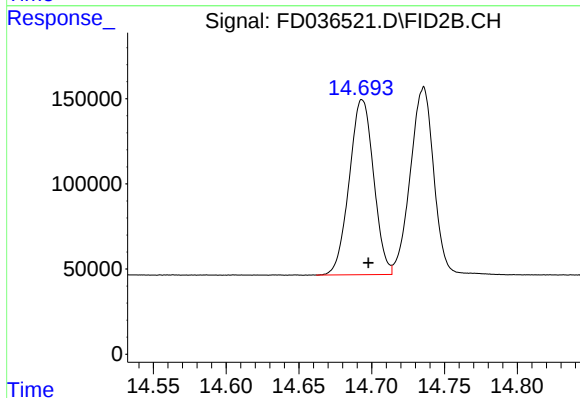
R.T.: 12.532 min
Delta R.T.: -0.003 min
Response: 1425051
Conc: 10.10 ug/ml



#13 Pyrene (C20.8)

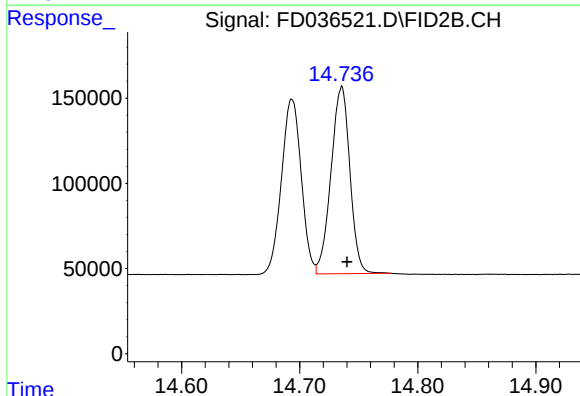
R.T.: 12.827 min
Delta R.T.: -0.004 min
Response: 1389073
Conc: 10.09 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



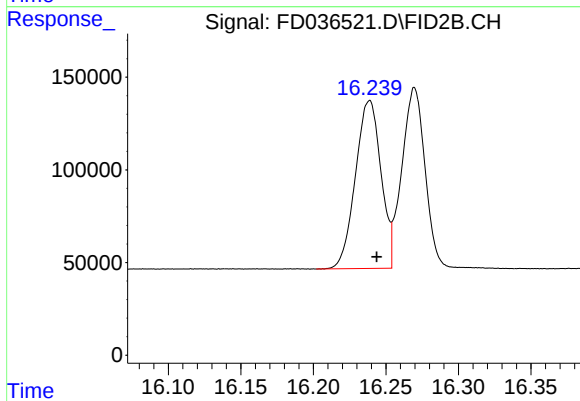
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.693 min
Delta R.T.: -0.004 min
Response: 1196577
Conc: 10.01 ug/ml



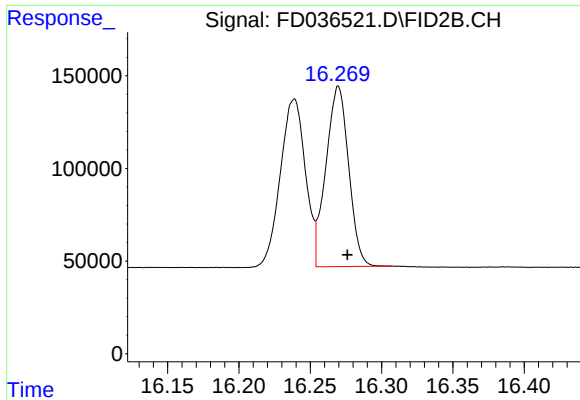
#15 Chrysene (C27.41)

R.T.: 14.736 min
Delta R.T.: -0.005 min
Response: 1222423
Conc: 10.02 ug/ml



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

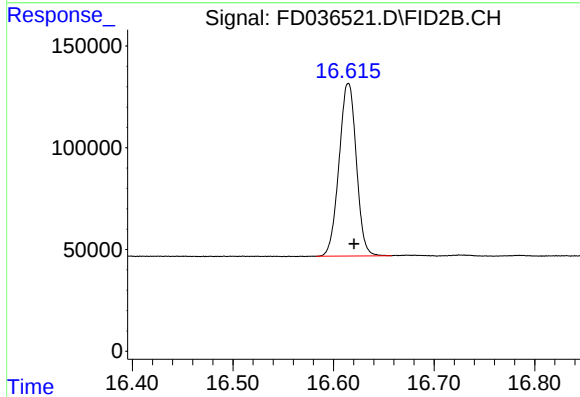
R.T.: 16.239 min
Delta R.T.: -0.005 min
Response: 1109094
Conc: 10.08 ug/ml



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

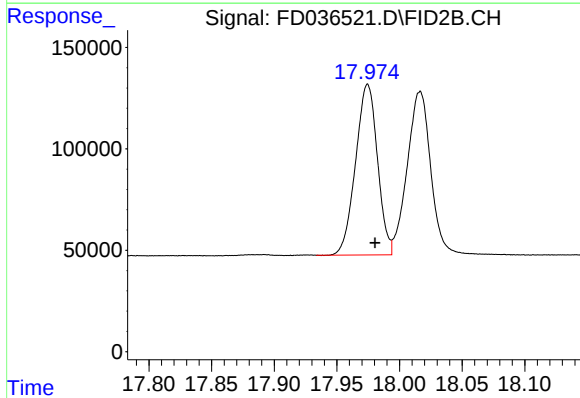
R.T.: 16.270 min
Delta R.T.: -0.006 min
Response: 1080314
Conc: 10.12 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



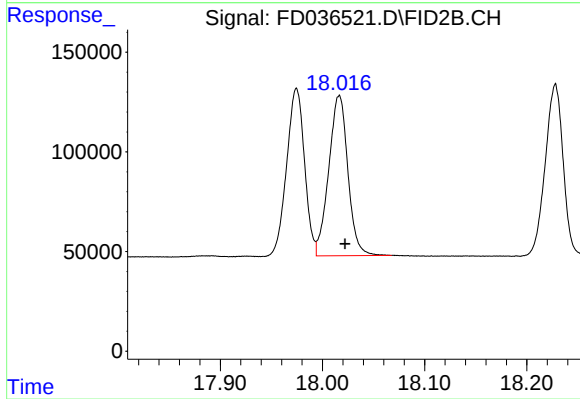
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.615 min
Delta R.T.: -0.006 min
Response: 1013232
Conc: 10.15 ug/ml



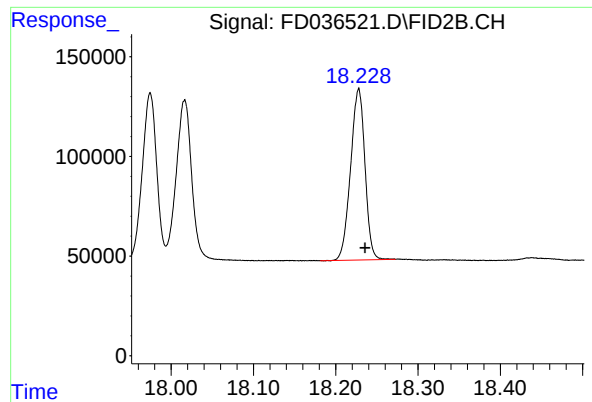
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.975 min
Delta R.T.: -0.006 min
Response: 1022677
Conc: 10.22 ug/ml



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

R.T.: 18.016 min
Delta R.T.: -0.006 min
Response: 1048727
Conc: 10.28 ug/ml



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

R.T.: 18.228 min
Delta R.T.: -0.008 min
Response: 1041672
Conc: 10.24 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4