

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052722AR\
 Data File : FD042649.D
 Signal(s) : FID2B.CH
 Acq On : 27 May 2022 13:53
 Operator : UA/NP
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: sample.E
 Quant Time: May 27 14:33:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Fri May 27 14:33:05 2022
 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...	7.667	1609589	10.976 ug/ml
Spiked Amount 50.000		Recovery =	21.95%
6) S 2-Fluorobiphenyl (SURR)	8.529	1084896	10.983 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	21.97%
11) S ortho-Terphenyl (SURR)	11.577	1888482	11.177 ug/ml
Spiked Amount 50.000		Recovery =	22.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.462	1760335	10.949 ug/ml
2) T Naphthalene (C11.7)	6.003	1829749	11.056 ug/ml
3) T 2-Methylnaphthalene (...)	7.056	1684204	11.015 ug/ml
5) T Acenaphthylene (C15.06)	8.333	1828482	11.075 ug/ml
7) T Acenaphthene (C15.5)	8.629	1819166	11.047 ug/ml
8) T Flouorene (C16.55)	9.410	1774462	11.013 ug/ml
9) T Phenanthrene (C19.36)	10.807	1740487	11.001 ug/ml
10) T Anthracene (C19.43)	10.881	1610473	10.873 ug/ml
12) T Fluoranthene (C21.85)	12.619	1676394	11.073 ug/ml
13) T Pyrene (C20.8)	12.916	1653974	11.040 ug/ml
14) T Benzo[a]anthracene (C...	14.786	1379908	10.405 ug/ml
15) T Chrysene (C27.41)	14.828	1372787	10.503 ug/ml
16) T benzo[b]fluoranthene ...	16.334	1378991	10.467 ug/ml
17) T Bnezo[k]fluoranthene ...	16.366	1282316	10.518 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.712	1278988	10.476 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.073	1146609	10.444 ug/ml
20) T Dibenz[a,h]anthracene...	18.115	1152523	10.523 ug/ml
21) T Benzo[g,h,i]perylene ...	18.328	1239189	10.760 ug/ml

(f)=RT Delta > 1/2 Window

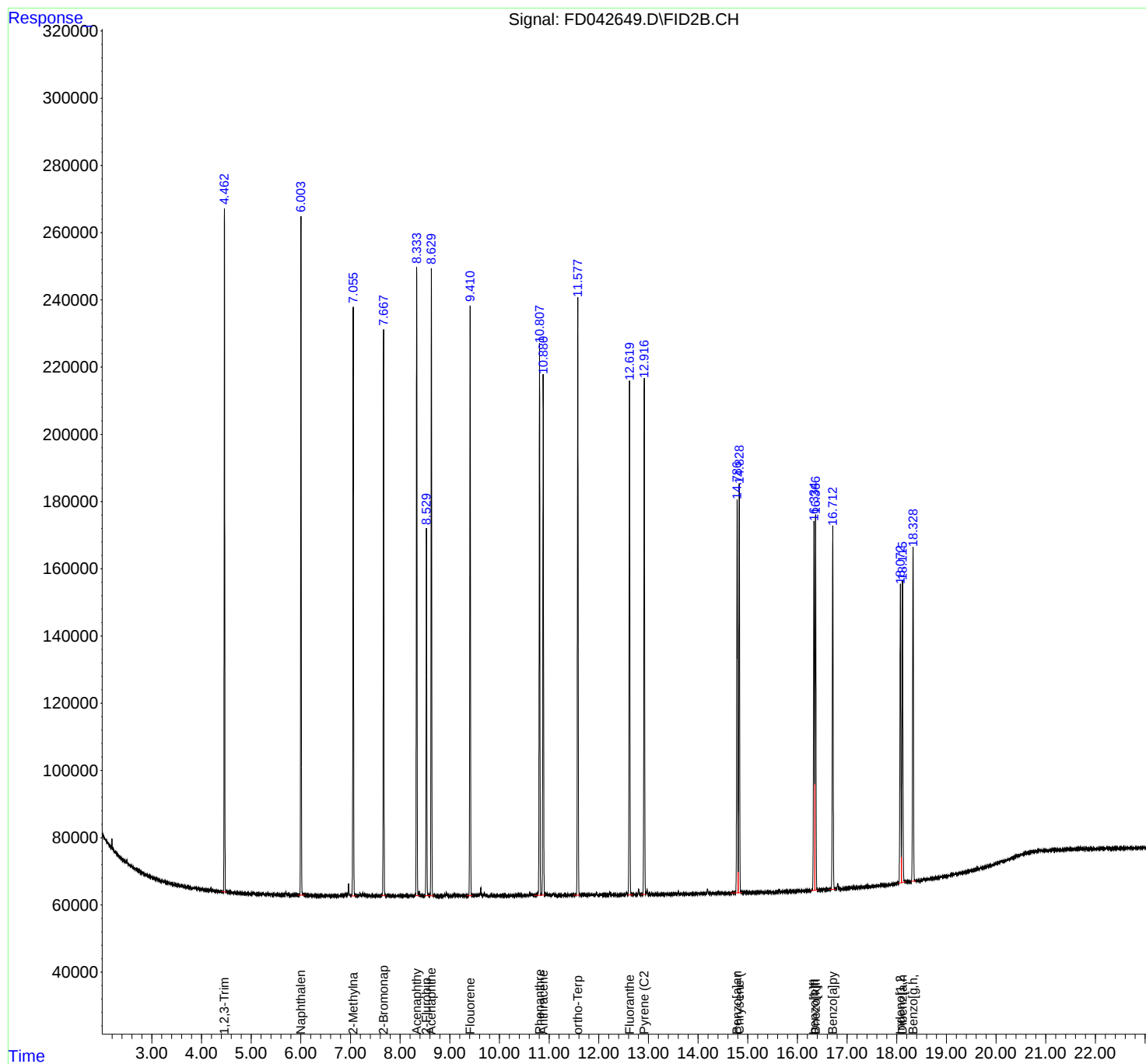
(m)=manual int.

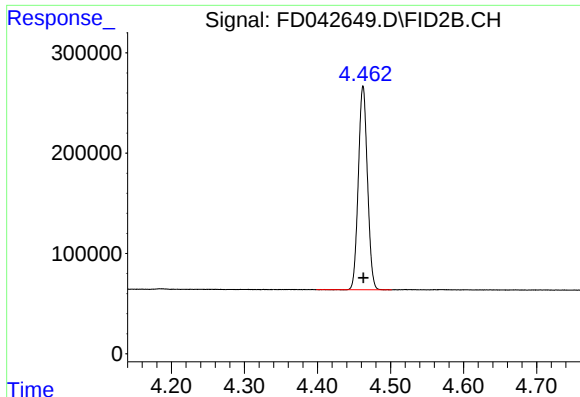
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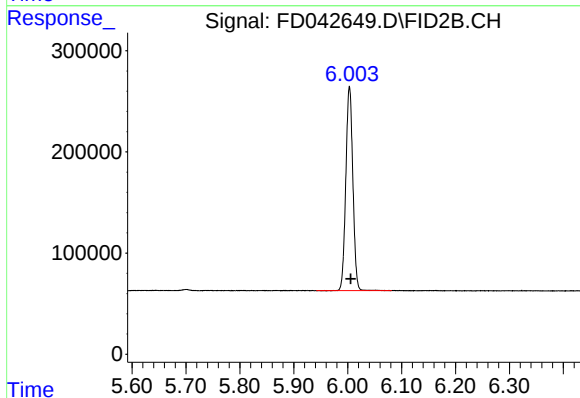




#1 1,2,3-Trimethylbenzene (C10.1)

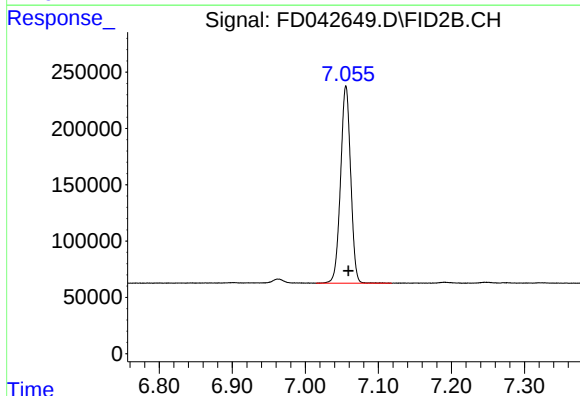
R.T.: 4.462 min
Delta R.T.: 0.000 min
Response: 1760335
Conc: 10.95 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



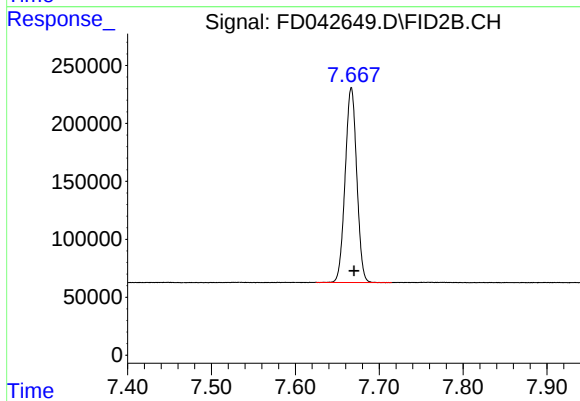
#2 Naphthalene (C11.7)

R.T.: 6.003 min
Delta R.T.: -0.002 min
Response: 1829749
Conc: 11.06 ug/ml



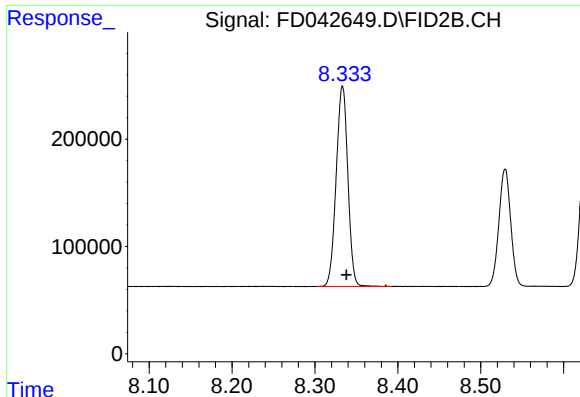
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 1684204
Conc: 11.01 ug/ml



#4 2-Bromonaphthalene (SURR)

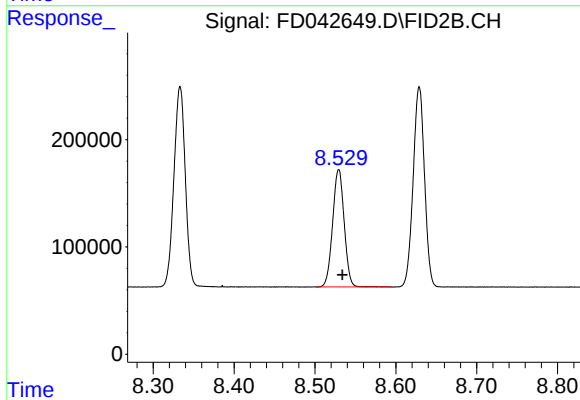
R.T.: 7.667 min
Delta R.T.: -0.003 min
Response: 1609589
Conc: 10.98 ug/ml



#5 Acenaphthylene (C15.06)

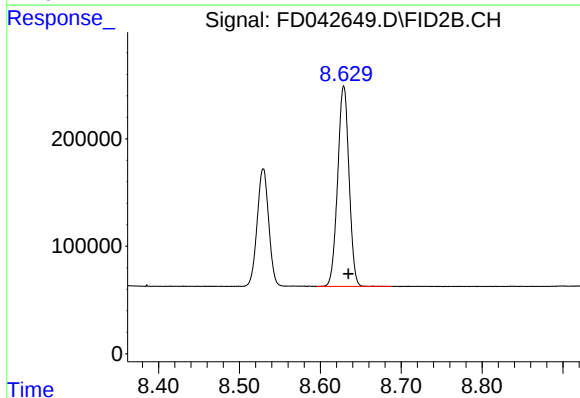
R.T.: 8.333 min
Delta R.T.: -0.005 min
Response: 1828482
Conc: 11.08 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



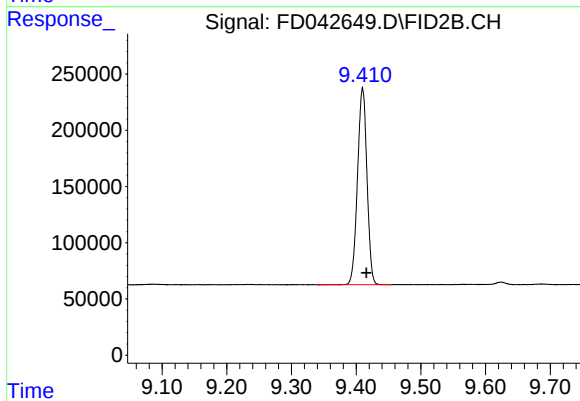
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.529 min
Delta R.T.: -0.005 min
Response: 1084896
Conc: 10.98 ug/ml



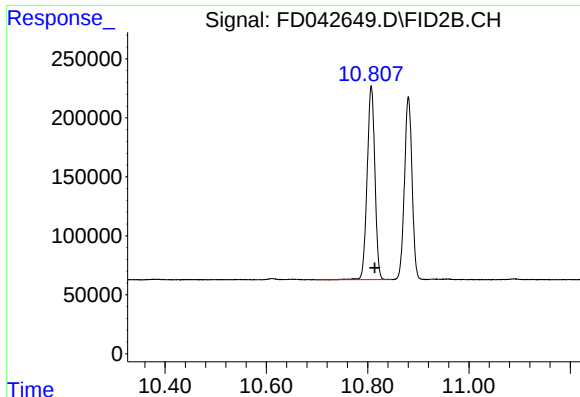
#7 Acenaphthene (C15.5)

R.T.: 8.629 min
Delta R.T.: -0.006 min
Response: 1819166
Conc: 11.05 ug/ml



#8 Flouorene (C16.55)

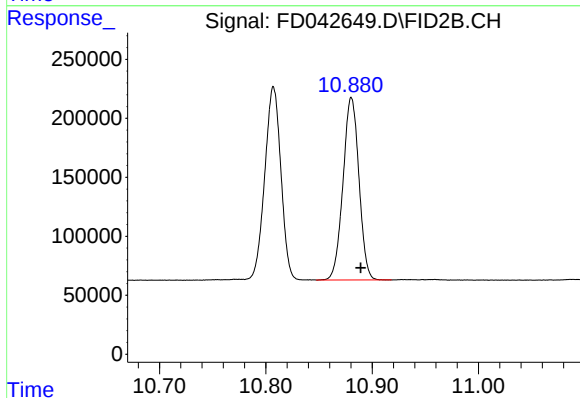
R.T.: 9.410 min
Delta R.T.: -0.006 min
Response: 1774462
Conc: 11.01 ug/ml



#9 Phenanthrene (C19.36)

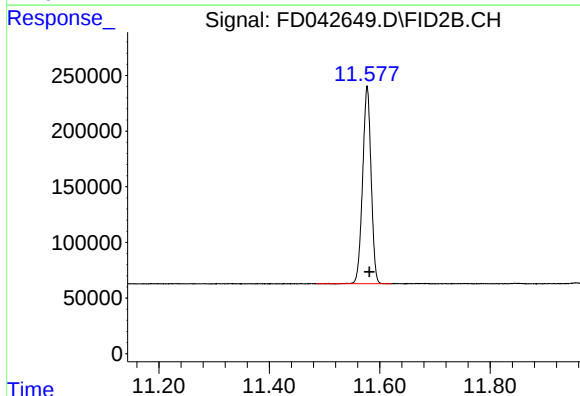
R.T.: 10.807 min
Delta R.T.: -0.007 min
Response: 1740487
Conc: 11.00 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



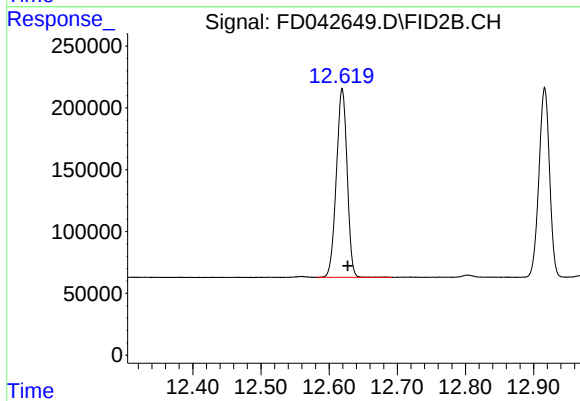
#10 Anthracene (C19.43)

R.T.: 10.881 min
Delta R.T.: -0.009 min
Response: 1610473
Conc: 10.87 ug/ml



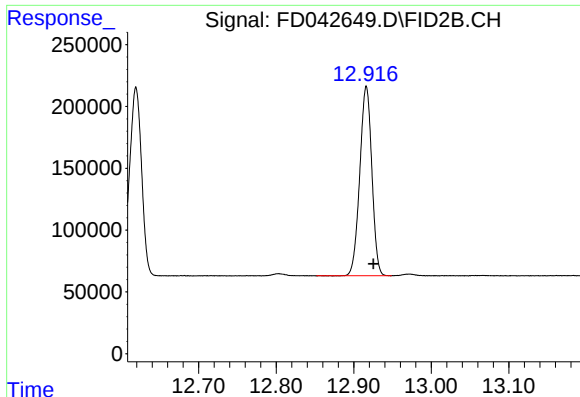
#11 ortho-Terphenyl (SURR)

R.T.: 11.577 min
Delta R.T.: -0.004 min
Response: 1888482
Conc: 11.18 ug/ml



#12 Fluoranthene (C21.85)

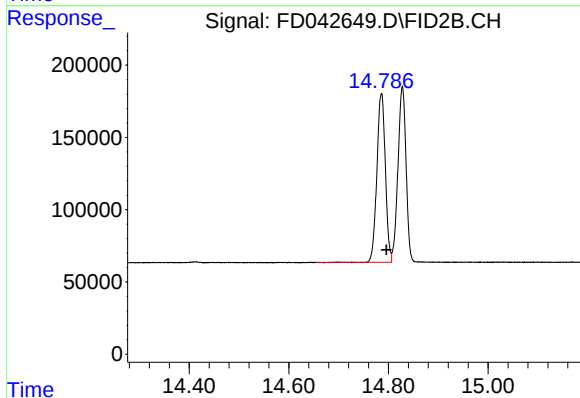
R.T.: 12.619 min
Delta R.T.: -0.008 min
Response: 1676394
Conc: 11.07 ug/ml



#13 Pyrene (C20.8)

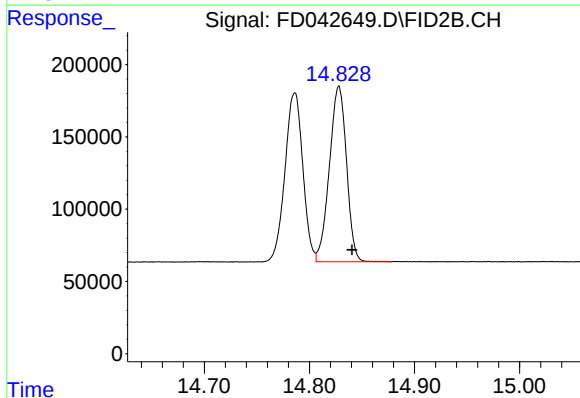
R.T.: 12.916 min
Delta R.T.: -0.009 min
Response: 1653974
Conc: 11.04 ug/ml

Instrument :
FID_D
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10 PPM AROMATIC HC STD4



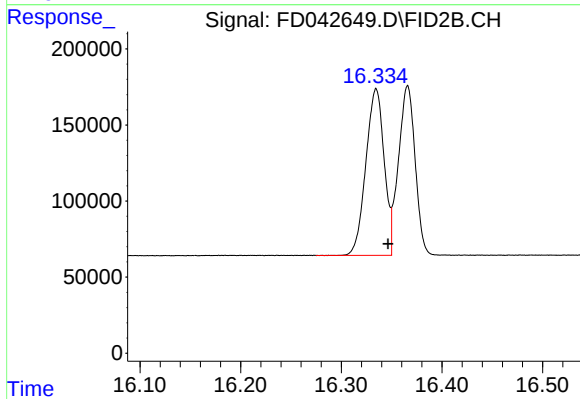
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.786 min
Delta R.T.: -0.010 min
Response: 1379908
Conc: 10.41 ug/ml



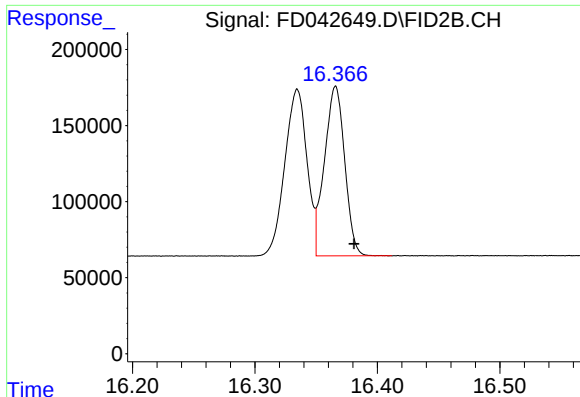
#15 Chrysene (C27.41)

R.T.: 14.828 min
Delta R.T.: -0.013 min
Response: 1372787
Conc: 10.50 ug/ml



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

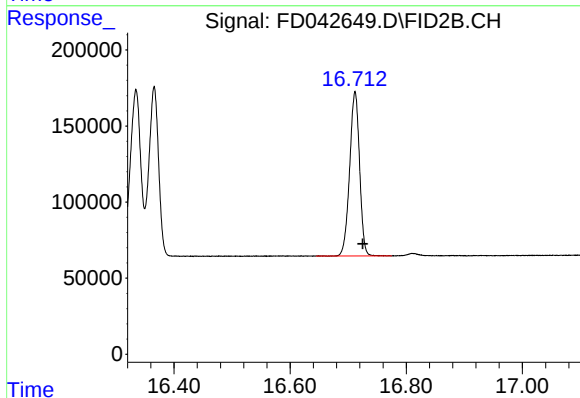
R.T.: 16.334 min
Delta R.T.: -0.012 min
Response: 1378991
Conc: 10.47 ug/ml



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

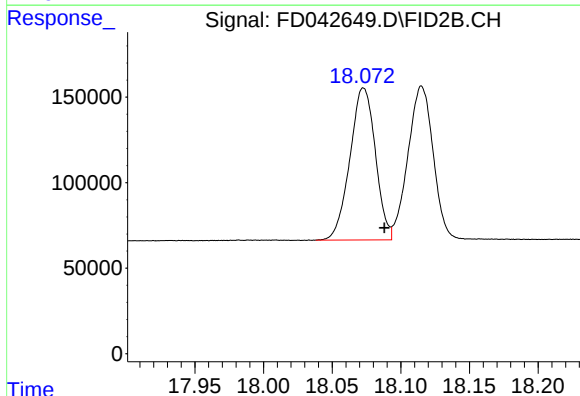
R.T.: 16.366 min
Delta R.T.: -0.015 min
Response: 1282316
Conc: 10.52 ug/ml

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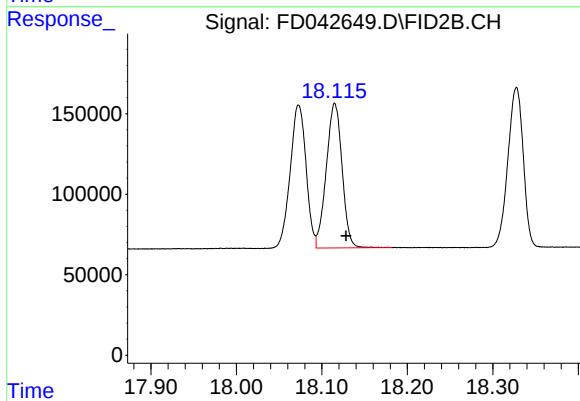
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.712 min
Delta R.T.: -0.013 min
Response: 1278988
Conc: 10.48 ug/ml



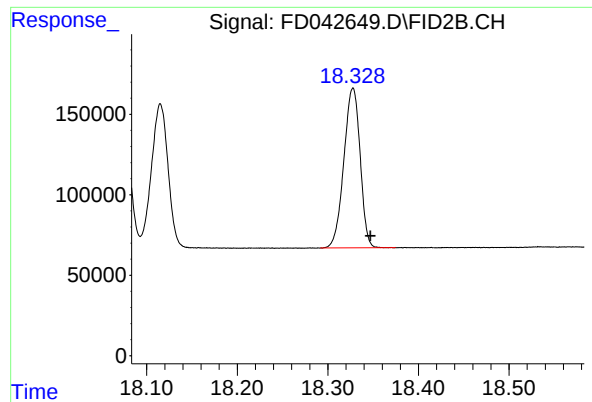
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.073 min
Delta R.T.: -0.015 min
Response: 1146609
Conc: 10.44 ug/ml



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

R.T.: 18.115 min
Delta R.T.: -0.013 min
Response: 1152523
Conc: 10.52 ug/ml



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

R.T.: 18.328 min
Delta R.T.: -0.019 min
Response: 1239189
Conc: 10.76 ug/ml

Instrument :
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ClientSampleId :
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